WA-West (40YR EL) 20
Net Power Cost An

Hydro Level	04/06-03/07	Apr-06	May-06	Jun-06	Jul-06	Aug-06
Level_01						
Net Power Cost	**383,014,836**	23,782,497	29,762,975	22,696,061	35,469,884	40,864,560
Net Power Cost/Net System Load	**18.90**	**15.38**	**20.24**	**15.15**	**21.32**	**23.36**
	417,037,230					
	34,022,394					**MWh**
Level_02						
Net Power Cost	**428,958,913**	18,922,739	28,756,465	24,657,938	39,505,188	42,524,036
Net Power Cost/Net System Load	**21.16**	**12.24**	**19.56**	**16.46**	**23.75**	**24.31**
	417,037,230					
	(11,921,684)					**MWh**
Level_03						
Net Power Cost	**396,678,804**	22,783,699	28,681,573	24,576,658	37,824,184	43,175,317
Net Power Cost/Net System Load	**19.57**	**14.74**	**19.51**	**16.41**	**22.74**	**24.68**
	417,037,230					
	20,358,426					**MWh**
Level_04						
Net Power Cost	**405,957,314**	24,107,696	29,758,720	23,184,541	37,557,025	42,943,725
Net Power Cost/Net System Load	**20.03**	**15.60**	**20.24**	**15.48**	**22.58**	**24.55**
	417,037,230					
	11,079,915					**MWh**
Level_05						
Net Power Cost	**391,803,416**	21,495,364	28,145,228	24,915,604	38,942,239	42,246,385
Net Power Cost/Net System Load	**19.33**	**13.91**	**19.14**	**16.64**	**23.41**	**24.15**
	417,037,230					
	25,233,813					**MWh**
Level_06						
Net Power Cost	**403,848,592**	22,067,942	28,200,757	24,139,438	38,631,104	43,210,991
Net Power Cost/Net System Load	**19.93**	**14.28**	**19.18**	**16.12**	**23.22**	**24.70**
	417,037,230					
	13,188,638					**MWh**
Level_07						
Net Power Cost	**403,577,149**	21,990,050	28,597,450	25,388,286	40,885,639	45,703,253
Net Power Cost/Net System Load	**19.91**	**14.23**	**19.45**	**16.95**	**24.58**	**26.12**
	417,037,230					
	13,460,081					**MWh**
Level_08						
Net Power Cost	**359,177,409**	17,307,223	26,267,572	22,013,806	33,430,743	39,642,617
Net Power Cost/Net System Load	**17.72**	**11.20**	**17.87**	**14.70**	**20.10**	**22.66**
	417,037,230					
	57,859,821					**MWh**
Level_09						
Net Power Cost	**417,897,717**	22,666,135	28,309,834	22,986,439	35,449,240	39,328,243
Net Power Cost/Net System Load	**20.62**	**14.66**	**19.25**	**15.35**	**21.31**	**22.48**

	417,037,230					
	(860,488)					MWh
Level_10						
Net Power Cost	**379,550,965**	20,586,445	29,823,084	26,657,697	41,225,982	44,677,855
Net Power Cost/Net System Load	**18.73**	**13.32**	**20.28**	**17.80**	**24.78**	**25.54**
	417,037,230					
	37,486,265					MWh
Level_11						
Net Power Cost	**386,679,206**	21,993,254	27,067,430	21,098,963	32,485,960	39,878,078
Net Power Cost/Net System Load	**19.08**	**14.23**	**18.41**	**14.09**	**19.53**	**22.79**
	417,037,230					
	30,358,023					MWh
Level_12						
Net Power Cost	**365,279,198**	23,478,997	28,297,793	23,390,187	35,464,662	41,264,483
Net Power Cost/Net System Load	**18.02**	**15.19**	**19.25**	**15.62**	**21.32**	**23.59**
	417,037,230					
	51,758,031					MWh
Level_13						
Net Power Cost	**476,222,772**	23,326,708	29,480,450	23,925,071	35,647,922	38,940,295
Net Power Cost/Net System Load	**23.50**	**15.09**	**20.05**	**15.97**	**21.43**	**22.26**
	417,037,230					
	(59,185,543)					MWh
Level_14						
Net Power Cost	**406,871,165**	25,901,698	31,162,788	26,695,635	42,865,861	45,600,633
Net Power Cost/Net System Load	**20.07**	**16.76**	**21.19**	**17.82**	**25.77**	**26.06**
	417,037,230					
	10,166,065					MWh
Level_15						
Net Power Cost	**454,904,374**	22,985,243	29,291,700	25,144,752	39,084,237	43,014,570
Net Power Cost/Net System Load	**22.44**	**14.87**	**19.92**	**16.79**	**23.49**	**24.59**
	417,037,230					
	(37,867,144)					MWh
Level_16						
Net Power Cost	**429,194,068**	25,136,500	29,707,777	26,278,569	40,449,114	45,143,047
Net Power Cost/Net System Load	**21.18**	**16.26**	**20.21**	**17.55**	**24.31**	**25.80**
	417,037,230					
	(12,156,839)					MWh
Level_17						
Net Power Cost	**428,155,887**	25,088,121	29,788,098	26,216,764	41,253,701	44,751,493
Net Power Cost/Net System Load	**21.12**	**16.23**	**20.26**	**17.51**	**24.80**	**25.58**
	417,037,230					
	(11,118,657)					MWh
Level_18						
Net Power Cost	**388,355,960**	19,867,928	30,439,411	25,909,030	39,671,097	43,660,556

Net Power Cost/Net System Load	**19.16**	**12.85**	**20.70**	**17.30**	**23.85**	**24.96**
	417,037,230					
	28,681,270					**MWh**
Level_19						
Net Power Cost	**373,878,671**	21,064,604	28,809,402	23,617,699	36,993,505	41,161,651
Net Power Cost/Net System Load	**18.45**	**13.63**	**19.59**	**15.77**	**22.24**	**23.53**
	417,037,230					
	43,158,559					**MWh**
Level_20						
Net Power Cost	**377,312,927**	20,033,837	28,494,263	24,753,767	35,558,402	40,779,056
Net Power Cost/Net System Load	**18.62**	**12.96**	**19.38**	**16.53**	**21.37**	**23.31**
	417,037,230					
	39,724,302					**MWh**
Level_21						
Net Power Cost	**420,775,379**	20,643,446	29,685,561	23,808,699	36,267,671	40,473,053
Net Power Cost/Net System Load	**20.76**	**13.35**	**20.19**	**15.90**	**21.80**	**23.13**
	417,037,230					
	(3,738,150)					**MWh**
Level_22						
Net Power Cost	**412,572,379**	22,313,088	29,698,701	24,183,548	40,801,150	43,656,588
Net Power Cost/Net System Load	**20.36**	**14.43**	**20.20**	**16.15**	**24.53**	**24.95**
	417,037,230					
	4,464,851					**MWh**
Net Power Cost	**439,444,177**	22,421,975	29,865,561	25,594,662	40,338,231	44,018,258
Level_23						
Net Power Cost/Net System Load	**21.68**	**14.50**	**20.31**	**17.09**	**24.25**	**25.16**
	417,037,230					
	(22,406,947)					**MWh**
Level_24						
Net Power Cost	**471,535,948**	22,874,590	30,714,913	26,227,818	41,676,121	44,806,786
Net Power Cost/Net System Load	**23.26**	**14.80**	**20.89**	**17.51**	**25.05**	**25.61**
	417,037,230					
	(54,498,719)					**MWh**
Level_25						
Net Power Cost	**459,169,084**	23,188,861	30,976,670	26,771,366	41,592,606	45,299,646
Net Power Cost/Net System Load	**22.65**	**15.00**	**21.07**	**17.88**	**25.00**	**25.89**
	417,037,230					
	(42,131,855)					**MWh**
Level_26						
Net Power Cost	**428,599,070**	22,568,851	31,167,513	26,861,197	41,489,039	43,933,310
Net Power Cost/Net System Load	**21.15**	**14.60**	**21.20**	**17.94**	**24.94**	**25.11**
	417,037,230					
	(11,561,840)					**MWh**
Level_27						
Net Power Cost	**416,563,408**	22,310,610	31,968,249	25,514,353	39,527,158	43,466,147
Net Power Cost/Net System Load	**20.55**	**14.43**	**21.74**	**17.04**	**23.76**	**24.84**

	417,037,230					
	473,822					**MWh**
Level_28						
Net Power Cost	**466,719,526**	23,645,801	31,678,897	26,403,291	39,308,185	44,071,808
Net Power Cost/Net System Load	**23.03**	**15.30**	**21.55**	**17.63**	**23.63**	**25.19**
	417,037,230					
	(49,682,296)					**MWh**
Level_29						
Net Power Cost	**478,739,385**	19,324,600	31,710,602	27,914,859	43,124,024	45,598,945
Net Power Cost/Net System Load	**23.62**	**12.50**	**21.57**	**18.64**	**25.92**	**26.06**
	417,037,230					
	(61,702,155)					**MWh**
Level_30						
Net Power Cost	**473,481,111**	25,701,909	29,401,155	26,232,623	41,076,661	44,837,164
Net Power Cost/Net System Load	**23.36**	**16.63**	**20.00**	**17.52**	**24.69**	**25.63**
	417,037,230					
	(56,443,881)					**MWh**
Level_31						
Net Power Cost	**427,849,268**	25,958,370	32,051,567	27,461,235	42,628,431	45,962,197
Net Power Cost/Net System Load	**21.11**	**16.79**	**21.80**	**18.34**	**25.62**	**26.27**
	417,037,230					
	(10,812,039)					**MWh**
Level_32						
Net Power Cost	**361,557,727**	19,821,356	30,062,823	25,869,860	39,875,146	43,838,271
Net Power Cost/Net System Load	**17.84**	**12.82**	**20.45**	**17.27**	**23.97**	**25.06**
	417,037,230					
	55,479,503					**MWh**
Level_33						
Net Power Cost	**363,141,483**	16,623,640	27,348,490	24,814,005	37,891,547	41,275,391
Net Power Cost/Net System Load	**17.92**	**10.75**	**18.60**	**16.57**	**22.78**	**23.59**
	417,037,230					
	53,895,746					**MWh**
Level_34						
Net Power Cost	**381,115,720**	21,860,400	29,056,063	24,101,153	37,242,589	41,680,984
Net Power Cost/Net System Load	**18.80**	**14.14**	**19.76**	**16.09**	**22.39**	**23.82**
	417,037,230					
	35,921,510					**MWh**
Level_35						
Net Power Cost	**378,649,169**	21,939,319	27,191,937	25,059,566	40,509,977	42,345,733
Net Power Cost/Net System Load	**18.68**	**14.19**	**18.49**	**16.73**	**24.35**	**24.20**
	417,037,230					
	38,388,060					**MWh**
Level_36						
Net Power Cost	**379,929,401**	22,654,395	28,742,114	22,647,421	34,083,208	39,849,279
Net Power Cost/Net System Load	**18.74**	**14.65**	**19.55**	**15.12**	**20.49**	**22.78**
	417,037,230					

	37,107,829					**MWh**
Level_37						
Net Power Cost	**497,252,823**	24,380,043	30,492,723	24,657,343	39,120,085	44,010,225
Net Power Cost/Net System Load	**24.53**	**15.77**	**20.74**	**16.46**	**23.52**	**25.16**
	417,037,230					
	(80,215,594)					**MWh**
Level_38						
Net Power Cost	**445,062,143**	23,122,750	31,282,551	27,174,292	43,340,481	47,217,487
Net Power Cost/Net System Load	**21.96**	**14.96**	**21.28**	**18.14**	**26.05**	**26.99**
	417,037,230					
	(28,024,913)					**MWh**
Level_39						
Net Power Cost	**456,936,710**	21,955,133	31,581,044	25,211,686	39,318,903	46,241,524
Net Power Cost/Net System Load	**22.54**	**14.20**	**21.48**	**16.83**	**23.63**	**26.43**
	417,037,230					
	(39,899,480)					**MWh**
Level_40						
Net Power Cost	**470,134,528**	23,356,509	30,203,535	27,020,983	42,752,963	47,581,026
Net Power Cost/Net System Load	**23.20**	**15.11**	**20.54**	**18.04**	**25.70**	**27.20**
	417,037,230					
	(53,097,298)					**MWh**

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Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07
36,591,633	34,055,364	31,478,342	33,072,407	33,467,544	31,164,076	30,609,492
23.55	**21.72**	**18.56**	**16.41**	**16.85**	**17.99**	**17.10**
39,319,980	35,072,824	36,830,990	54,312,292	37,919,077	35,951,333	35,186,053
25.30	**22.37**	**21.72**	**26.95**	**19.09**	**20.75**	**19.65**
38,596,660	34,934,540	32,824,884	41,805,198	30,700,625	28,814,599	31,960,867
24.84	**22.28**	**19.36**	**20.75**	**15.46**	**16.63**	**17.85**
36,178,195	35,148,171	35,597,466	48,666,034	34,331,435	29,011,951	29,472,357
23.28	**22.42**	**20.99**	**24.15**	**17.29**	**16.75**	**16.46**
33,096,993	32,111,266	27,124,637	40,095,606	32,935,416	34,395,271	36,299,408
21.30	**20.48**	**16.00**	**19.90**	**16.58**	**19.85**	**20.27**
36,437,053	34,446,260	36,267,961	43,483,778	33,224,144	32,121,632	31,617,532
23.45	**21.97**	**21.39**	**21.58**	**16.73**	**18.54**	**17.66**
40,518,641	36,360,704	33,929,566	43,786,150	31,250,081	28,379,258	26,788,071
26.07	**23.19**	**20.01**	**21.73**	**15.74**	**16.38**	**14.96**
35,210,883	34,506,907	33,729,673	39,726,526	30,085,562	26,286,451	20,969,446
22.66	**22.01**	**19.89**	**19.72**	**15.15**	**15.17**	**11.71**
36,342,160	34,283,147	34,102,189	39,874,260	38,748,369	39,154,638	46,653,063
23.39	**21.87**	**20.11**	**19.79**	**19.51**	**22.60**	**26.06**

36,634,379	34,333,000	29,378,220	34,495,393	28,665,681	26,811,455	26,261,772
23.57	**21.90**	**17.32**	**17.12**	**14.43**	**15.48**	**14.67**
38,117,127	35,122,333	36,159,126	39,837,015	31,290,992	33,658,065	29,970,862
24.53	**22.40**	**21.32**	**19.77**	**15.76**	**19.43**	**16.74**
34,921,777	27,609,313	25,553,789	33,976,691	30,076,173	29,716,445	31,528,888
22.47	**17.61**	**15.07**	**16.86**	**15.15**	**17.15**	**17.61**
35,278,378	33,320,626	37,987,249	55,838,858	56,842,908	53,555,515	52,078,792
22.70	**21.25**	**22.40**	**27.71**	**28.62**	**30.92**	**29.09**
36,209,821	30,176,548	28,244,347	40,658,608	34,148,929	32,510,055	32,696,242
23.30	**19.25**	**16.66**	**20.18**	**17.20**	**18.77**	**18.26**
38,586,195	33,739,371	39,542,531	56,049,726	48,702,184	42,744,328	36,019,536
24.83	**21.52**	**23.32**	**27.82**	**24.52**	**24.67**	**20.12**
39,941,470	35,783,741	35,506,753	43,117,108	38,387,114	34,660,373	35,082,502
25.70	**22.82**	**20.94**	**21.40**	**19.33**	**20.01**	**19.59**
40,041,330	35,459,043	33,741,067	35,607,659	41,317,828	37,600,714	37,290,069
25.77	**22.62**	**19.90**	**17.67**	**20.81**	**21.71**	**20.83**
38,131,417	35,836,198	30,925,455	39,480,371	31,439,511	27,621,473	25,373,513

24.54	**22.86**	**18.24**	**19.59**	**15.83**	**15.94**	**14.17**
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34,639,283	33,922,387	31,526,277	36,774,998	30,578,433	30,344,127	24,446,304
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22.29	**21.64**	**18.59**	**18.25**	**15.40**	**17.52**	**13.65**
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34,171,870	32,664,316	26,319,386	43,198,128	32,380,381	31,422,208	27,537,313
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21.99	**20.83**	**15.52**	**21.44**	**16.31**	**18.14**	**15.38**
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35,255,382	33,488,879	29,865,233	50,657,061	40,211,237	40,994,728	39,424,429
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22.69	**21.36**	**17.61**	**25.14**	**20.25**	**23.66**	**22.02**
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37,493,200	34,451,856	34,461,125	52,162,395	36,065,095	31,630,805	25,654,830
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24.13	**21.97**	**20.32**	**25.89**	**18.16**	**18.26**	**14.33**
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39,907,861	34,744,243	33,924,742	52,551,015	44,289,309	38,556,312	33,232,008
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25.68	**22.16**	**20.01**	**26.08**	**22.30**	**22.26**	**18.56**
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40,274,639	35,676,494	38,840,756	58,141,329	49,757,396	41,485,151	41,059,956
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25.92	**22.76**	**22.90**	**28.85**	**25.06**	**23.95**	**22.93**
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40,555,671	36,187,724	34,480,867	52,255,455	47,683,057	42,310,318	37,866,844
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26.10	**23.08**	**20.33**	**25.93**	**24.01**	**24.42**	**21.15**
==========	==========	==========	==========	==========	==========	==========
40,413,748	35,674,934	37,120,095	43,009,862	38,601,535	35,122,280	32,636,706
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26.01	**22.75**	**21.89**	**21.35**	**19.44**	**20.27**	**18.23**
==========	==========	==========	==========	==========	==========	==========
37,644,903	36,332,762	29,026,392	46,796,829	39,182,573	31,278,521	33,514,911
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24.22	**23.17**	**17.12**	**23.22**	**19.73**	**18.06**	**18.72**

42,283,931	36,644,028	37,199,375	48,374,392	47,860,226	41,335,376	47,914,217
27.21	**23.37**	**21.94**	**24.01**	**24.10**	**23.86**	**26.76**
41,372,789	36,629,947	39,977,345	56,381,568	54,547,175	47,045,333	35,112,198
26.62	**23.36**	**23.57**	**27.98**	**27.47**	**27.16**	**19.61**
41,561,206	35,616,866	38,496,488	57,985,690	47,725,044	44,575,424	40,270,880
26.74	**22.72**	**22.70**	**28.78**	**24.03**	**25.73**	**22.49**
40,026,383	36,792,135	35,117,859	41,058,058	40,301,496	33,409,728	27,081,809
25.76	**23.47**	**20.71**	**20.38**	**20.29**	**19.29**	**15.13**
36,169,295	27,935,657	25,464,057	31,344,650	29,254,531	26,577,910	25,344,170
23.27	**17.82**	**15.02**	**15.56**	**14.73**	**15.34**	**14.15**
34,872,930	34,110,914	28,473,285	35,933,906	29,968,269	26,914,989	24,914,118
22.44	**21.76**	**16.79**	**17.83**	**15.09**	**15.54**	**13.91**
33,628,837	25,302,363	28,750,955	44,098,625	33,721,917	33,147,425	28,524,409
21.64	**16.14**	**16.95**	**21.89**	**16.98**	**19.13**	**15.93**
35,936,308	34,791,220	29,141,210	35,028,658	31,684,041	27,838,506	27,182,695
23.12	**22.19**	**17.18**	**17.38**	**15.95**	**16.07**	**15.18**
34,056,402	34,247,199	28,666,557	38,201,280	34,845,129	32,699,578	29,236,838
21.91	**21.84**	**16.90**	**18.96**	**17.55**	**18.88**	**16.33**

40,345,896	35,553,597	39,372,897	57,455,594	56,867,406	53,226,885	51,770,130
25.96	**22.68**	**23.22**	**28.51**	**28.64**	**30.73**	**28.91**

41,757,973	38,611,858	36,638,474	44,013,221	36,655,165	39,135,452	36,112,440
26.87	**24.63**	**21.61**	**21.84**	**18.46**	**22.59**	**20.17**

43,370,254	37,697,802	41,116,663	56,300,936	40,610,277	38,012,623	35,519,864
27.91	**24.04**	**24.25**	**27.94**	**20.45**	**21.94**	**19.84**

42,528,057	38,387,301	41,030,086	50,827,386	45,425,883	40,665,671	40,355,128
27.37	**24.48**	**24.20**	**25.22**	**22.87**	**23.47**	**22.54**

Min		359,177,409	====Filtered Approach==========				
Max		497,252,823					
Level			455,562,932	378,764,457			
1	$	383,014,836	1	1	$	383,014,836	
2	$	428,958,913	1	1	$	428,958,913	
3	$	396,678,804	1	1	$	396,678,804	
4	$	405,957,314	1	1	$	405,957,314	
5	$	391,803,416	1	1	$	391,803,416	
6	$	403,848,592	1	1	$	403,848,592	
7	$	403,577,149	1	1	$	403,577,149	
8	$	359,177,409	1	0	$	-	
9	$	417,897,717	1	1	$	417,897,717	
10	$	379,550,965	1	1	$	379,550,965	
11	$	386,679,206	1	1	$	386,679,206	
12	$	365,279,198	1	0	$	-	
13	$	476,222,772	0	1	$	-	
14	$	406,871,165	1	1	$	406,871,165	
15	$	454,904,374	1	1	$	454,904,374	
16	$	429,194,068	1	1	$	429,194,068	
17	$	428,155,887	1	1	$	428,155,887	
18	$	388,355,960	1	1	$	388,355,960	
19	$	373,878,671	1	0	$	-	
20	$	377,312,927	1	0	$	-	
21	$	420,775,379	1	1	$	420,775,379	
22	$	412,572,379	1	1	$	412,572,379	
23	$	439,444,177	1	1	$	439,444,177	
24	$	471,535,948	0	1	$	-	
25	$	459,169,084	0	1	$	-	
26	$	428,599,070	1	1	$	428,599,070	
27	$	416,563,408	1	1	$	416,563,408	
28	$	466,719,526	0	1	$	-	
29	$	478,739,385	0	1	$	-	
30	$	473,481,111	0	1	$	-	
31	$	427,849,268	1	1	$	427,849,268	
32	$	361,557,727	1	0	$	-	
33	$	363,141,483	1	0	$	-	
34	$	381,115,720	1	1	$	381,115,720	
35	$	378,649,169	1	0	$	-	
36	$	379,929,401	1	1	$	379,929,401	
37	$	497,252,823	0	1	$	-	
38	$	445,062,143	1	1	$	445,062,143	
39	$	456,936,710	0	1	$	-	
40	$	470,134,528	0	1	$	-	
Avg.	$	417,163,695			$	410,723,305	
GRID	$	417,037,230				Result excluding all	
Std. dev	$	38,399,238	31	33		years g.t. 1 SD from	
					$	(6,313,925)	
			CAEW	0.225244	$	(1,422,174)	

difference per water year variance		$	410,197,170
		$	(6,840,060)
CAEW	0.225244	$	(1,540,683)
		$	(118,509)

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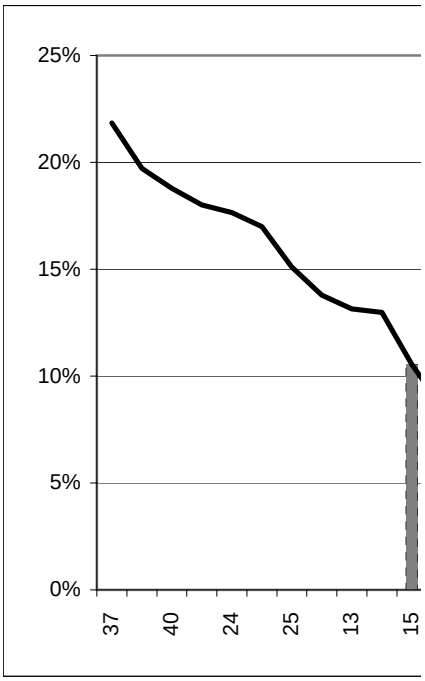
		Hydro Summary - Energy			% above/(below) average	
	Level	Mid C mwh	Hydro mwh	Total mwh	Mid C%	Hydro%
Level	1	2,088,229	4,658,671	6,746,899	7.8%	12.8%
	2	1,970,875	3,937,429	5,908,305	1.7%	-4.6%
	3	2,043,947	4,379,851	6,423,798	5.5%	6.1%
	4	1,992,867	4,311,871	6,304,738	2.9%	4.4%
	5	2,093,063	4,476,115	6,569,178	8.0%	8.4%
	6	1,928,633	4,422,879	6,351,512	-0.5%	7.1%
	7	1,885,457	4,387,421	6,272,879	-2.7%	6.3%
	8	2,205,283	5,342,477	7,547,760	13.8%	29.4%
	9	1,969,734	4,212,212	6,181,946	1.7%	2.0%
	10	1,888,255	4,804,526	6,692,780	-2.5%	16.4%
	11	2,056,611	4,866,299	6,922,910	6.1%	17.8%
	12	2,141,637	5,022,955	7,164,593	10.5%	21.6%
	13	2,046,661	3,222,771	5,269,432	5.6%	-22.0%
	14	1,728,667	4,287,894	6,016,561	-10.8%	3.8%
	15	1,846,434	3,579,950	5,426,384	-4.7%	-13.3%
	16	1,697,769	3,968,631	5,666,399	-12.4%	-3.9%
	17	1,981,491	3,677,308	5,658,799	2.3%	-10.9%
	18	2,097,847	4,439,283	6,537,130	8.3%	7.5%
	19	2,149,269	4,835,266	6,984,534	10.9%	17.1%
	20	2,012,554	4,915,998	6,928,552	3.9%	19.1%
	21	1,752,722	4,406,083	6,158,805	-9.5%	6.7%
	22	1,896,003	4,272,765	6,168,768	-2.1%	3.5%
	23	1,705,099	3,891,237	5,596,336	-12.0%	-5.8%
	24	1,739,026	3,257,133	4,996,160	-10.2%	-21.1%
	25	1,648,317	3,501,816	5,150,133	-14.9%	-15.2%
	26	1,995,870	3,595,499	5,591,368	3.0%	-12.9%
	27	2,152,470	3,761,061	5,913,531	11.1%	-8.9%
	28	1,879,002	3,157,290	5,036,291	-3.0%	-23.5%
	29	1,693,607	3,176,831	4,870,438	-12.6%	-23.1%
	30	1,668,717	3,305,202	4,973,920	-13.9%	-20.0%
	31	1,768,166	3,778,906	5,547,072	-8.7%	-8.5%
	32	2,172,782	4,958,343	7,131,125	12.1%	20.1%
	33	2,208,287	5,078,951	7,287,238	14.0%	23.0%
	34	2,234,362	4,568,776	6,803,138	15.3%	10.6%
	35	2,031,605	4,802,424	6,834,029	4.9%	16.3%
	36	2,148,601	4,712,774	6,861,375	10.9%	14.1%
	37	1,847,985	2,894,185	4,742,170	-4.6%	-29.9%
	38	1,638,538	3,641,155	5,279,694	-15.4%	-11.8%
	39	1,798,346	3,432,246	5,230,593	-7.2%	-16.9%
	40	1,700,355	3,226,921	4,927,277	-12.2%	-21.9%
	Avg.	1,937,629	4,129,235	6,066,864	0.0%	0.0%
	GRID	**1,937,629**	**4,129,235**	**6,066,864**		
	Std. dev	180,116	651,967	783,741		
		9.3%	15.8%	12.9%		

Total%	Level		Level	Total%	Abs V Ttl	in
11.2%		1	37	-21.8%	21.8%	0%
-2.6%		2	29	-19.7%	19.7%	0%
5.9%		3	40	-18.8%	18.8%	0%
3.9%		4	30	-18.0%	18.0%	0%
8.3%		5	24	-17.6%	17.6%	0%
4.7%		6	28	-17.0%	17.0%	0%
3.4%		7	25	-15.1%	15.1%	0%
24.4%		8	39	-13.8%	13.8%	0%
1.9%		9	13	-13.1%	13.1%	0%
10.3%		10	38	-13.0%	13.0%	0%
14.1%		11	15	-10.6%	10.6%	11%
18.1%		12	31	-8.6%	8.6%	9%
-13.1%		13	26	-7.8%	7.8%	8%
-0.8%		14	23	-7.8%	7.8%	8%
-10.6%		15	17	-6.7%	6.7%	7%
-6.6%		16	16	-6.6%	6.6%	7%
-6.7%		17	2	-2.6%	2.6%	3%
7.8%		18	27	-2.5%	2.5%	3%
15.1%		19	14	-0.8%	0.8%	1%
14.2%		20	Avg.	0.0%	0.0%	0%
1.5%		21	21	1.5%	1.5%	2%
1.7%		22	22	1.7%	1.7%	2%
-7.8%		23	9	1.9%	1.9%	2%
-17.6%		24	7	3.4%	3.4%	3%
-15.1%		25	4	3.9%	3.9%	4%
-7.8%		26	6	4.7%	4.7%	5%
-2.5%		27	3	5.9%	5.9%	6%
-17.0%		28	18	7.8%	7.8%	8%
-19.7%		29	5	8.3%	8.3%	8%
-18.0%		30	10	10.3%	10.3%	10%
-8.6%		31	1	11.2%	11.2%	11%
17.5%		32	34	12.1%	12.1%	12%
20.1%		33	35	12.6%	12.6%	13%
12.1%		34	36	13.1%	13.1%	0%
12.6%		35	11	14.1%	14.1%	0%
13.1%		36	20	14.2%	14.2%	0%
-21.8%		37	19	15.1%	15.1%	0%
-13.0%		38	32	17.5%	17.5%	0%
-13.8%		39	12	18.1%	18.1%	0%
-18.8%		40	33	20.1%	20.1%	0%
0.0%	Avg.		8	24.4%	24.4%	0%



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Calculation of Staff Water Year Adjustment

Level	GRID Output Cost	Hydro Summary - Energy Mid C	Hydro	Total	Power Cost For Years Included
1	$ 383,014,836	2,088,229	4,658,671	6,746,899	$ 383,014,836
2	$ 428,958,913	1,970,875	3,937,429	5,908,305	$ 428,958,913
3	$ 396,678,804	2,043,947	4,379,851	6,423,798	$ 396,678,804
4	$ 405,957,314	1,992,867	4,311,871	6,304,738	$ 405,957,314
5	$ 391,803,416	2,093,063	4,476,115	6,569,178	$ 391,803,416
6	$ 403,848,592	1,928,633	4,422,879	6,351,512	$ 403,848,592
7	$ 403,577,149	1,885,457	4,387,421	6,272,879	$ 403,577,149
8	$ 359,177,409	2,205,283	5,342,477	7,547,760	$ -
9	$ 417,897,717	1,969,734	4,212,212	6,181,946	$ 417,897,717
10	$ 379,550,965	1,888,255	4,804,526	6,692,780	$ 379,550,965
11	$ 386,679,206	2,056,611	4,866,299	6,922,910	$ -
12	$ 365,279,198	2,141,637	5,022,955	7,164,593	$ -
13	$ 476,222,772	2,046,661	3,222,771	5,269,432	$ -
14	$ 406,871,165	1,728,667	4,287,894	6,016,561	$ 406,871,165
15	$ 454,904,374	1,846,434	3,579,950	5,426,384	$ 454,904,374
16	$ 429,194,068	1,697,769	3,968,631	5,666,399	$ 429,194,068
17	$ 428,155,887	1,981,491	3,677,308	5,658,799	$ 428,155,887
18	$ 388,355,960	2,097,847	4,439,283	6,537,130	$ 388,355,960
19	$ 373,878,671	2,149,269	4,835,266	6,984,534	$ -
20	$ 377,312,927	2,012,554	4,915,998	6,928,552	$ -
21	$ 420,775,379	1,752,722	4,406,083	6,158,805	$ 420,775,379
22	$ 412,572,379	1,896,003	4,272,765	6,168,768	$ 412,572,379
23	$ 439,444,177	1,705,099	3,891,237	5,596,336	$ 439,444,177
24	$ 471,535,948	1,739,026	3,257,133	4,996,160	$ -
25	$ 459,169,084	1,648,317	3,501,816	5,150,133	$ -
26	$ 428,599,070	1,995,870	3,595,499	5,591,368	$ 428,599,070
27	$ 416,563,408	2,152,470	3,761,061	5,913,531	$ 416,563,408
28	$ 466,719,526	1,879,002	3,157,290	5,036,291	$ -
29	$ 478,739,385	1,693,607	3,176,831	4,870,438	$ -
30	$ 473,481,111	1,668,717	3,305,202	4,973,920	$ -
31	$ 427,849,268	1,768,166	3,778,906	5,547,072	$ 427,849,268
32	$ 361,557,727	2,172,782	4,958,343	7,131,125	$ -
33	$ 363,141,483	2,208,287	5,078,951	7,287,238	$ -
34	$ 381,115,720	2,234,362	4,568,776	6,803,138	$ 381,115,720
35	$ 378,649,169	2,031,605	4,802,424	6,834,029	$ 378,649,169
36	$ 379,929,401	2,148,601	4,712,774	6,861,375	$ -
37	$ 497,252,823	1,847,985	2,894,185	4,742,170	$ -
38	$ 445,062,143	1,638,538	3,641,155	5,279,694	$ -
39	$ 456,936,710	1,798,346	3,432,246	5,230,593	$ -
40	$ 470,134,528	1,700,355	3,226,921	4,927,277	$ -
Avg.	$ 417,163,695	1,937,629	4,129,235	6,066,864	**$ 410,197,170**
GRID		**1,937,629**	**4,129,235**	**6,066,864**	
Std. dev				783,741	

Average Power Cost of Years within one standard deviation	$	410,197,170
Average Power Cost of 40 Years per GRID	$	417,037,230
Adjustment - Western Control Area	$	(6,840,060)
Adjustment - Washington - CAEW factor	**$**	**(1,540,683)**

Note: Water Filter Adjustment is calculated using net power supply levels in GRID Model as filed by Company. Staff's proposed GRID corrections and WCA methodology changes should not afffect the incremental level of this adjustment appreciably.