

Routing: MPPD
 Date: May 8, 1996
 Time: 9:06

Wholesale Power Rate Development Study
Revenues at Current Rates
 Revenue (\$ Thousands)
 Fiscal Year 2001

	A	B	C	D	E	F	G	H	I	J	K	L	FY 2001 summary		
													M	N	O
	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Total	Annual aMW	Total GWh
222 PSW SP CONTRACTS-OTFAC mSC-86															
223 Energy	131	145	137	137	135	136	131	131	131	131	131	131		134	1173
224 Forced Revenue	3528	3784	3690	3690	3291	3652	3414	3528	3414	3528	3528	3414	42463		
225 Demand	250	250	250	250	250	250	250	250	250	250	250	250	3000		
226 Intertie Rev (incl above)	302	324	316	316	282	313	292	302	292	302	302	292	3636		
227															
228 PNW SURPLUS FIRM POWER-Spot Mkt															
229 Energy (50 water years)	2632	2399	2449	1292	1791	1574	0	0	0	0	1627	2877		1384	12125
230 Energy Rate	12.0	13.0	13.1	14.1	13.2	13.1	0.0	0.0	0.0	0.0	13.0	12.0			
231 Total Revenue	23498	22455	23869	13554	15887	15341	0	0	0	0	15736	24857	155197		
232															
233 PSW SURPLUS FIRM POWER-Spot Mkt															
234 Energy (50 water years)	210	352	728	207	256	89	0	0	0	0	48	260		179	1566
235 Energy Rate	12.0	13.0	13.1	14.2	13.0	13.0	0.0	0.0	0.0	0.0	13.0	12.0			
236 Total Revenue	1875	3295	7095	2187	2236	861	0	0	0	0	464	2246	20260		
237 Intertie Rev (incl above)	484	786	1679	477	533	205	0	0	0	0	111	580	4856		
238															
239 Total Surplus Firm															
240 Energy	3813	3721	4159	2479	3019	2626	1149	1218	1215	1151	2426	3887		2569	22505
241 Revenue	52718	51968	57239	42257	42442	42071	25386	24886	25196	26838	38140	49285	478427		
242															
243															
244 NEW LARGE SINGLE LOAD (NR)															
245 Energy	0	0	0	0	0	0	0	0	0	0	0	0		0	0
246 Energy Rate	28.66	28.66	28.66	28.66	28.66	28.66	25.10	25.10	25.10	25.10	25.10	28.66			
247 Energy Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
248 Demand	0	0	0	0	0	0	0	0	0	0	0	0	0		
249 Demand Rate	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357			
250 Demand Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
251 Total Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
252															
253 OTHER NEW RESOURCE FIRM															
254 Energy	9	11	12	13	12	11	10	9	9	8	8	8		10	88
255 Computed Energy %	45%	45%	45%	45%	45%	45%	57%	57%	57%	57%	57%	45%			
256 Computed Energy	4	5	5	6	5	5	6	5	5	5	5	4		5	43
257 Energy Rate	28.66	28.66	28.66	28.66	28.66	28.66	25.10	25.10	25.10	25.10	25.10	28.66			
258 Computed Energy Revenue	86	102	115	125	104	106	103	96	93	85	85	74	1174		
259 Displacement	0	0	0	0	0	0	0	0	0	0	0	0	0		
260 Measured Energy %	55%	55%	55%	55%	55%	55%	43%	43%	43%	43%	43%	55%			
261 Measured Energy	5	6	7	7	7	6	4	4	4	3	3	4		5	44
262 Energy Rate	28.66	28.66	28.66	28.66	28.66	28.66	25.10	25.10	25.10	25.10	25.10	28.66			
263 Measured Energy Revenue	106	125	141	152	127	129	78	72	70	64	64	91	1219		
264 Energy Revenue	192	227	256	277	231	235	181	168	163	149	149	165			
265 Demand	0	0	0	0	0	0	0	0	0	0	0	0	0		
266 Displacement	0	0	0	0	0	0	0	0	0	0	0	0	0		
267 Adjusted Demand	0	0	0	0	0	0	0	0	0	0	0	0	0		
268 Demand Rate	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357	5.357			
269 Demand Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
270 Total Revenue	192	227	256	277	231	235	181	168	163	149	149	165	2393		
271															
272 Total New Resource Firm															
273 Energy	9	11	12	13	12	11	10	9	9	8	8	8		10	88
274 Revenue	192	227	256	277	231	235	181	168	163	149	149	165	2393		
275															
276															
277 Supplemental Capacity															
278 Demand	43	43	43	43	43	43	42	42	42	42	42	42	510		
279 Demand Rate	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125			
280 Total Revenue	5	5	5	5	5	5	5	5	5	5	5	5	64		
281															
282 Entitlement Capacity															
283 Demand	43	43	43	43	43	43	42	42	42	42	42	42	510		
284 Demand Rate	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125			
285 Total Revenue	5	5	5	5	5	5	5	5	5	5	5	5	64		
286															
287 Total Sup & Ent Capacity															
288 Demand	86	86	86	86	86	86	84	84	84	84	84	84	1020		
289 Revenue	11	11	11	11	11	11	11	11	11	11	11	11	128		
290															

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													M	N	O
	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Total	Annual aMW	Total GWh
291 Reserve Power															
292 Energy	0	0	0	0	0	0	0	0	0	0	0	0		0	0
293 Energy Rate	23.06	23.06	23.06	23.06	23.06	23.06	16.94	16.94	16.94	16.94	16.94	23.06			
294 Energy Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
295 Demand	0	0	0	0	0	0	0	0	0	0	0	0	0		
296 Demand Rate	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307		
297 Demand Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
298 Total Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
299															
300 Irrigation Pumping Power															
301 Energy	3	0	0	0	0	0	8	29	40	47	47	30		17	150
302 Energy Rate	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00			
303 Energy Revenue	9	0	0	0	0	0	23	86	115	140	140	86	600		
304 Demand	0	0	0	0	0	0	0	0	0	0	0	0	0		
305 Total Revenue	9	0	0	0	0	0	23	86	115	140	140	86	600		
306															
307 Emergency Capacity															
308 Demand	0	0	0	0	0	0	0	0	0	0	0	0	0		
309 Demand Rate	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64		
310 Total Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
311															
312 WNP-1 Exchange Post-OY 90															
313 Energy	0	0	0	0	0	0	0	0	0	0	0	0		0	0
314 Energy Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
315 Total Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
316															
317 WNP-3 Exchange															
318 Energy	0	467	467	466	467	233	233	0	0	0	0	0		192	1685
319 Energy Rate	39.21	39.21	39.21	39.21	39.21	39.21	39.21	39.21	39.21	39.21	39.21	39.21			
320 Energy Revenue	0	13184	13623	13594	12305	6797	6578	0	0	0	0	0	66082		
321 Demand	0	492	492	492	492	287	287	0	0	0	0	0	2542		
322 Total Revenue	0	13184	13623	13594	12305	6797	6578	0	0	0	0	0	66082		
323															
324 Interchange															
325 Energy	0	85	411	658	546	0	0	0	0	0	0	0		140	1223
326 Forced Revenue	0	1285	6425	10280	7710	0	0	0	0	0	0	0	25700		
327															
328 Total Other Power Services															
329 Energy	3	552	878	1124	1013	233	241	29	40	47	47	30		349	3059
330 Revenue	20	14480	20059	23885	20026	6808	6611	97	126	150	150	97	92509		
331															
332															
333 Formula Power Trans (FPT1)															
334 Demand	4232	4232	4232	4232	4232	4232	4232	4232	4232	4232	4232	4232	50784		
335 Forced Revenue	2929	2929	2929	2929	2929	2929	2929	2929	2929	2929	2929	2929	35148		
336															
337 Formula Power Trans (FPT3)															
338 Demand	855	855	855	855	855	855	855	855	855	855	855	855	10260		
339 Forced Revenue	296	296	296	296	296	296	296	296	296	296	296	296	3552		
340															
341 Integration of Resources (IR)															
342 Energy	4406	4870	4878	4776	4724	4293	4081	4060	4276	4365	4352	4418		4457	39040
343 Demand	8065	8122	8122	8122	8122	8065	8065	8065	8065	8065	8065	8065	97008		
344 Forced Revenue	8090	8606	8614	8506	8451	7970	7745	7723	7952	8046	8033	8103	97839		
345															
346 Energy Transmission Firm															
347 Energy	0	0	0	0	0	0	0	0	0	0	0	0		0	0
348 Forced Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0		
349															
350 Energy Transmission Nonfirm															
351 Energy	395	365	673	579	595	596	576	517	764	594	637	416		559	4896
352 Forced Revenue	798	737	1359	1170	1202	1204	1164	1044	1543	1200	1287	840	13548		
353															
354 Total Energy Transmission (ET)															
355 Energy	395	365	673	579	595	596	576	517	764	594	637	416		559	4896
356 Forced Revenue	798	737	1359	1170	1202	1204	1164	1044	1543	1200	1287	840	13548		
357															

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													M	N	O
	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01	Total	Annual aMW	Total GWh
443 RESIDENTIAL EXCHANGE															
444 IOU Exchange Energy	2864	3518	4154	4457	4350	3619	3333	2984	2832	2807	2931	2912		3392	29711
445 PA Exchange Energy	212	232	272	290	268	232	247	280	322	341	313	253		272	2383
446 Total Energy	3076	3750	4426	4747	4618	3852	3580	3264	3154	3149	3243	3165		3664	32094
447 Energy Rate	23.06	23.06	23.06	23.06	23.06	23.06	16.94	16.94	16.94	16.94	16.94	23.06			
448 Energy Revenue	52773	62258	75928	81450	71558	66082	43670	41135	38472	39685	40877	52554	666441		
449 LDD Energy Discount aMW	-13	-14	-17	-18	-17	-14	-15	-17	-20	-21	-20	-16		-17	-149
450 LDD Energy Discount \$	-227	-240	-291	-311	-259	-249	-187	-220	-245	-270	-247	-261	-3006		
451 Net Energy Sales	3063	3735	4409	4729	4601	3837	3565	3246	3134	3127	3224	3150		3647	31945
452 Net Energy Revenue	52546	62018	75636	81139	71299	65833	43483	40915	38227	39415	40630	52293	663435		
453 IOU Exchange Demand	3974	4968	5596	6221	6444	5141	4609	3454	3193	3047	3295	3279	53221		
454 PA Exchange Demand	295	327	366	405	397	330	342	324	364	371	351	285	4157		
455 Total Demand	4269	5296	5962	6625	6840	5472	4951	3778	3556	3417	3646	3564	57377		
456 Demand Rate	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307	4.307			
457 Demand Revenue	18388	22809	25678	28536	29461	23566	21325	16272	15317	14718	15705	15351	247124		
458 LDD Demand Discount MW	-18	-20	-23	-25	-25	-21	-21	-20	-23	-23	-22	-18	-259		
459 LDD Demand Discount \$	-79	-88	-99	-109	-107	-89	-91	-87	-97	-100	-95	-76	-1117		
460 Net Demand MW	4251	5275	5939	6600	6816	5451	4930	3758	3534	3394	3624	3547	57118		
461 Net Demand Revenue	18309	22721	25580	28427	29354	23477	21233	16185	15219	14618	15610	15275	246008		
462 TOTAL EXCHANGE REVENUE	70855	84739	101216	109566	100653	89311	64717	57100	53447	54032	56240	67568	909443		
463															
464 Grand Total Revenue w/															
465 Residential Exchange	223233	256543	294044	314544	288893	274679	236799	219148	202259	203351	200731	215121	2929344		
466															
467															
468 VARIABLE EXPENSES															
469															
470 FIRM PURCHASES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
471 assumed rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
472 Expense	0	0	0	0	0	0	0	0	0	0	0	0	0		
473															
474 Spot Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
475 Spot Purchase rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
476 Expense	0	0	0	0	0	0	0	0	0	0	0	0	0		
477															
478 Storage Used	114	196	150	48	43	23	5	410	410	0	0	51	121	1060	
479 Storage Use rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
480 Expense	0	0	0	0	0	0	0	0	0	0	0	0	0		
481															
482 Total Var. Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0		

Wholesale Power Rate Development Study

Revenues at Current Rates

Revenue Summary

Fiscal Year 2001

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Current

	<u>Oct-00</u>	<u>Nov-00</u>	<u>Dec-00</u>	<u>Jan-01</u>	<u>Feb-01</u>	<u>Mar-01</u>	<u>Apr-01</u>	<u>May-01</u>	<u>Jun-01</u>	<u>Jul-01</u>	<u>Aug-01</u>	<u>Sep-01</u>	<u>Total Rev.</u>	<u>av. rate</u>
<i>genpub</i>	\$19,793	\$20,903	\$25,203	\$23,211	\$19,866	\$17,665	\$17,823	\$16,804	\$13,642	\$11,044	\$12,176	\$16,527	\$214,657	31.34
<i>nongen</i>	\$43,251	\$47,345	\$51,051	\$53,337	\$48,825	\$47,847	\$37,135	\$36,858	\$35,997	\$37,355	\$36,733	\$42,462	\$518,197	30.60
<i>fedagn</i>	\$3,313	\$3,401	\$3,907	\$3,734	\$3,514	\$3,600	\$2,614	\$2,553	\$2,494	\$2,666	\$2,726	\$3,144	\$37,665	28.74
PF total	\$66,357	\$71,649	\$80,161	\$80,282	\$72,206	\$69,112	\$57,572	\$56,215	\$52,133	\$51,065	\$51,635	\$62,132	\$770,519	30.71
<i>ip</i>	\$866	\$845	\$866	\$866	\$804	\$866	\$736	\$753	\$736	\$753	\$753	\$845	\$9,691	28.36
<i>vi</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
DSI total	\$866	\$845	\$866	\$866	\$804	\$866	\$736	\$753	\$736	\$753	\$753	\$845	\$9,691	28.36
<i>NF pnw</i>	\$5,512	\$2,784	\$2,436	\$14,453	\$10,913	\$22,610	\$31,708	\$25,259	\$20,985	\$28,818	\$15,959	\$7,903	\$189,339	10.13
<i>NF psw</i>	\$757	\$3,356	\$4,368	\$15,868	\$14,336	\$16,717	\$23,428	\$28,856	\$22,542	\$14,891	\$10,973	\$1,116	\$157,207	10.23
NF total	\$6,268	\$6,141	\$6,804	\$30,321	\$25,249	\$39,327	\$55,136	\$54,116	\$43,526	\$43,709	\$26,931	\$9,019	\$346,546	10.17
<i>SP cap nw</i>	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$5,924	\$71,088	
<i>SP cap sw</i>	\$70	\$201	\$201	\$201	\$201	\$201	\$201	\$296	\$0	\$0	\$70	\$70	\$1,714	
<i>SP pwr nw</i>	\$36,043	\$34,892	\$37,069	\$26,932	\$27,931	\$28,416	\$12,853	\$11,305	\$10,905	\$11,110	\$22,353	\$31,848	\$291,657	16.24
<i>SP pwr sw</i>	\$10,681	\$10,951	\$14,045	\$9,200	\$8,385	\$7,530	\$6,408	\$7,361	\$8,368	\$9,804	\$9,793	\$11,443	\$113,968	25.07
SP total	\$52,718	\$51,968	\$57,239	\$42,257	\$42,442	\$42,071	\$25,386	\$24,886	\$25,196	\$26,838	\$38,140	\$49,285	\$478,427	
NR	\$192	\$227	\$256	\$277	\$231	\$235	\$181	\$168	\$163	\$149	\$149	\$165	\$2,393	27.35
Other Pwr.Svc.	\$20	\$14,480	\$20,059	\$23,885	\$20,026	\$6,808	\$6,611	\$97	\$126	\$150	\$150	\$97	\$92,509	
Wheeling	\$16,326	\$16,862	\$17,812	\$17,459	\$17,650	\$17,318	\$16,829	\$16,183	\$17,300	\$17,023	\$17,100	\$16,378	\$204,235	
Misc.	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$9,632	\$115,581	
Unbundled	-	-	-	-	-	-	-	-	-	-	-	-	\$0	
TOTAL	\$152,378	\$171,804	\$192,828	\$204,978	\$188,240	\$185,368	\$172,082	\$162,048	\$148,812	\$149,319	\$144,491	\$147,553	\$2,019,901	
Res. Exchange	\$70,855	\$84,739	\$101,216	\$109,566	\$100,653	\$89,311	\$64,717	\$57,100	\$53,447	\$54,032	\$56,240	\$67,568	\$909,443	
Grand Total	\$223,233	\$256,543	\$294,044	\$314,544	\$288,893	\$274,679	\$236,799	\$219,148	\$202,259	\$203,351	\$200,731	\$215,121	\$2,929,344	

Wholesale Power Rate Development Study

Revenues at Current Rates

Sales Summary

Fiscal Year 2001

Current

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	<u>Oct-00</u>	<u>Nov-00</u>	<u>Dec-00</u>	<u>Jan-01</u>	<u>Feb-01</u>	<u>Mar-01</u>	<u>Apr-01</u>	<u>May-01</u>	<u>Jun-01</u>	<u>Jul-01</u>	<u>Aug-01</u>	<u>Sep-01</u>	Annual aMW	Gigawatt-hours		
													Total	Winter	Summer	
<i>genpub</i>	782	810	967	886	744	648	873	780	723	690	730	748	782	6,850	4,064	2,786
<i>nongen</i>	1,744	1,978	2,089	2,190	2,086	1,916	1,857	1,822	1,876	1,947	1,913	1,784	1,933	16,932	10,017	6,915
<i>fedagn</i>	143	151	168	162	163	155	143	137	136	145	148	140	150	1,311	788	522
PF total	2,669	2,940	3,224	3,238	2,993	2,719	2,873	2,740	2,736	2,783	2,792	2,673	2,864	25,093	14,869	10,224
<i>ip</i>	39	39	39	39	39	39	39	39	39	39	39	39	39	342	198	143
<i>vi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSI total	39	39	39	39	39	39	39	39	39	39	39	39	39	342	198	143
<i>NF pnw</i>	675	323	282	1,702	1,473	2,902	4,612	3,937	3,140	3,638	1,882	1,002	2,135	18,699	6,081	12,617
<i>NF psw</i>	90	379	482	1,670	1,755	2,081	3,457	4,332	3,437	2,013	1,231	138	1,754	15,368	4,768	10,600
NF total	765	702	764	3,372	3,228	4,983	8,069	8,269	6,577	5,651	3,113	1,140	3,889	34,067	10,849	23,218
<i>SP cap nw</i>																
<i>SP cap sw</i>																
<i>SP pwr nw</i>	3,256	3,038	3,108	1,949	2,442	2,215	832	851	848	784	2,031	3,280	2,050	17,960	14,023	3,937
<i>SP pwr sw</i>	557	683	1,051	530	577	411	317	367	367	367	395	607	519	4,546	3,213	1,332
SP total	3,813	3,721	4,159	2,479	3,019	2,626	1,149	1,218	1,215	1,151	2,426	3,887	2,569	22,505	17,236	5,270
NR	9	11	12	13	12	11	10	9	9	8	8	8	10	88	55	32
WNP-3 Exch.	0	467	467	466	467	233	233	0	0	0	0	0	192	1,685	1,518	168
Other Pwr.Svc.	3	85	411	658	546	0	8	29	40	47	47	30	157	1,373	1,247	126
Wheeling	5,783	6,275	6,699	6,500	6,547	6,108	5,816	5,560	6,178	6,103	6,140	5,876	6,130	53,696	31,815	21,881
Misc.																
Unbundled																
TOTAL	7,298	7,965	9,076	10,265	10,305	10,611	12,381	12,304	10,616	9,679	8,425	7,777	9,721	85,153	45,973	39,180

(excludes Wheeling and Residential Exchange)

Controls

	IS RATE	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	
		<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	
season		1	1	1	1	1	1	2	2	2	2	2	1	
FY 2001		0.744	0.720	0.744	0.744	0.672	0.744	0.720	0.744	0.720	0.744	0.744	0.720	8.760
light-load		0.217	0.210	0.217	0.217	0.196	0.217	0.210	0.217	0.210	0.217	0.217	0.210	2.555
heavy-load		0.527	0.510	0.527	0.527	0.476	0.527	0.510	0.527	0.510	0.527	0.527	0.510	6.205
2	off-peak							0.720	0.744	0.720	0.744	0.744		3.672
3	spare													
1	peak	0.744	0.720	0.744	0.744	0.672	0.744						0.720	5.088
	500.25													
	500													