

System Data



System profile	12
Facilities	13
Transmission line summary	14
Resources	15
Power marketing system	16
Powerplants	18
Historical flows	20
Peak firm loads	22
Sales	23
Purchased power/transmission cost	28
Customers	29
Repayment	36
Rate action summary	39

System data

SYSTEM PROFILE

As of September 30, 2003

	Boulder Canyon	Central Arizona (Navajo)	Central Valley Project	Falcon-Amistad	Loveland Area Projects	Pacific NW-SW Intertie
Transmission lines						
Circuit miles	45	38	865	0	3,343	856
Circuit kilometers	73	61	1,391	0	5,380	1,376
Land						
Acres	1,171	0	11,603	0	36,738	23,126
Hectares	474	0	4,698	0	14,874	9,363
Number of substations	4	6	18	0	68	9
Number of powerplants	1	1	11	2	19.5	0
Total power revenues - \$	50,811,356	82,973,545	215,674,866	4,291,163	62,864,002	0
Firm power revenues - \$	50,811,357	82,973,545	191,398,302	0	44,272,688	0
Nonfirm power revenues - \$	(1)	0	12,676,564	4,291,163	7,001,610	0
Project use revenues - \$	0	0	11,600,000	0	26,624	0
Interproject revenues - \$	0	0	0	0	11,563,081	0
Number of customers ¹	15	1	105	2	58	0

	Parker-Davis	Pick-Sloan Missouri Basin — Eastern Division	Provo River	Salt Lake City Area Integrated Projects	Washoe	Total Western
Transmission lines						
Circuit miles	1,602	8,106	0	2,546	0	17,401
Circuit kilometers	2,578	13,042	0	4,096	0	27,998
Land						
Acres	21,215	91,595	0	35,750	0	221,198
Hectares	8,589	37,083	0	14,474	0	89,554
Number of substations	45	87	0	31	0	268
Number of powerplants	2	7.5	1	11	1	57
Total power revenues - \$	7,609,024	211,093,857	339,444	149,873,589	165,564	785,696,410
Firm power revenues - \$	4,223,660	136,826,407	0	123,878,413	0	634,384,372
Nonfirm power revenues - \$	2,250,555	72,582,714	339,444	22,335,896	165,564	121,643,509
Project use revenues - \$	686,209	226,204	0	2,045,198	0	14,584,235
Interproject revenues - \$	448,600	1,458,532	0	1,614,082	0	15,084,295
Number of customers ¹	41	368	2	155	1	683 ¹

¹ Double counting of customers occurs when more than one project sells power to the same customer. Total count of all project customers is 748, which includes project use and interproject customers. However, double counts are eliminated in the Total Western column.

FACILITIES

Buildings and communications sites

Project	Number of buildings ¹	Number of communications sites	Fee area		Withdrawal area ²		Easement area	
			Acres	Hectares	Acres	Hectares	Acres	Hectares
Boulder Canyon	0	3	0	0	0	0	0	0
Central Arizona (Navajo)	2	6	0	0	0	0	0	0
Central Valley	39	19	0	0	0	0	0	0
Loveland Area Projects	191	104	57	23	0	0	34	14
Pacific NW-SW Intertie	14	10	0	0	0	0	0	0
Parker-Davis	58	51	0	0	0	0	7	3
Pick-Sloan Missouri Basin— Eastern Division	185	178	186	75	0	0	177	71
Salt Lake City Area Integrated Projects	72	64	46	18	0	0	1	0
Western total	561	435	289	117	0	0	219	89

¹ Buildings in this table refers to the total number of buildings at each project.

² Areas that have been set aside by the Bureau of Land Management for Western transmission and substation use.

Substations summary

Project	Number of substations	Transformers		Fee area		Withdrawal area ¹		Easement area	
		Number	Capacity	Acres	Hectares	Acres	Hectares	Acres	Hectares
Boulder Canyon	4	1	125,000	0	0	0	0	3	1
Central Arizona (Navajo)	6	0	0	0	0	0	0	0	0
Central Valley	18	18	1,312,420	362	147	0	0	0	0
Loveland Area	68	63	1,790,310 ²	456	184	0	0	131	53
Pacific NW-SW Intertie	9	9	5,364,330	316	128	4,403	1,782	86	35
Parker-Davis	45 ³	24	1,583,500	316	128	115	47	62	25
Pick-Sloan Missouri Basin— Eastern Division	87 ³	134	8,508,050	1,630	659	23	9	11	4
Salt Lake City Area Integrated Projects	31	38	4,785,590	770	312	128	52	50	20
Western total	268	287	23,469,200	3,850	1,558	4,669	1,889	342	139

¹ Areas that have been set aside by the Bureau of Land Management for Western transmission and substation use.

² Transformer capacity for Loveland Area Projects corrects a historical data entry error.

³ Two new substations were added: Aurora (Pick-Sloan) and North Havasu (Parker-Davis).

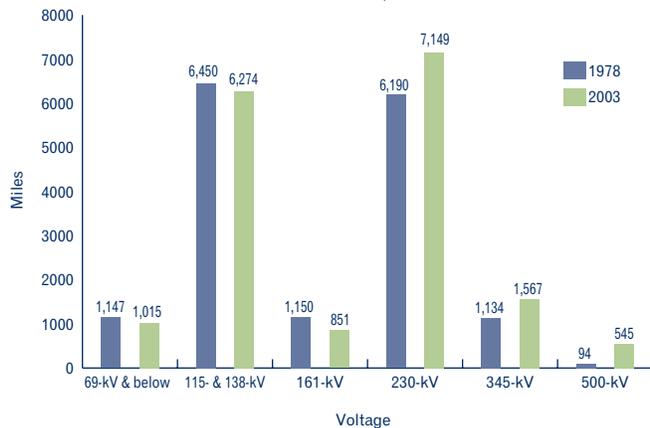
TRANSMISSION LINE (in circuit miles)

State	500-kV		345-kV		230-kV		161-kV	
	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers
Arizona	232.00	373.29	704.64	1,133.77	1,033.30	1,662.58	154.30	248.27
California	288.40	464.04	-	-	844.08	1,358.12	203.56	327.53
Colorado	-	-	315.75	508.04	763.57	1,228.58	-	-
Iowa	-	-	20.33	32.71	164.52	264.71	192.23	309.30
Minnesota	-	-	-	-	247.33	397.95	-	-
Missouri	-	-	-	-	-	-	17.95	28.88
Montana	-	-	-	-	560.85	902.41	283.28	455.80
Nebraska	-	-	136.99	220.42	125.79	202.40	-	-
Nevada	24.10	38.78	11.10	17.86	132.59	213.34	-	-
New Mexico	-	-	13.95	22.45	66.36	106.77	-	-
North Dakota	-	-	40.74	65.55	1,034.71	1,664.85	-	-
South Dakota	-	-	270.51	435.25	1,766.12	2,841.69	-	-
Utah	-	-	16.98	27.32	-	-	-	-
Wyoming	-	-	36.40	58.57	409.41	658.74	-	-
Total	544.50	876.10	1,567.39	2,521.93	7,148.63	11,502.15	851.32	1,369.77

State	138-kV		100-115-kV		69-kV & Below		Total Western	
	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers
Arizona	-	-	421.65	678.43	121.88	196.10	2667.77	4292.44
California	-	-	8.80	14.16	49.90	80.29	1394.74	2244.14
Colorado	211.53	340.35	790.36	1271.69	99.43	159.98	2180.64	3508.65
Iowa	-	-	-	-	-	-	377.08	606.72
Minnesota	-	-	14.99	24.12	-	-	262.32	422.07
Missouri	-	-	-	-	-	-	17.95	28.88
Montana	-	-	598.35	962.75	73.86	118.84	1516.34	2439.79
Nebraska	-	-	418.95	674.09	69.44	111.73	751.17	1208.63
Nevada	-	-	-	-	3.40	5.47	171.19	275.44
New Mexico	-	-	-	-	2.63	4.23	82.94	133.45
North Dakota	-	-	941.98	1515.65	151.76	244.18	2169.19	3490.23
South Dakota	-	-	1510.44	2430.30	7.06	11.36	3554.13	5718.60
Utah	118.66	190.92	-	-	0.32	0.51	135.96	218.76
Wyoming	-	-	1237.84	1991.68	435.71	701.06	2119.36	3410.05
Total	330.19	531.28	5,943.36	9,562.87	1,015.39	1,633.76	17,400.78	27,997.86

Transmission Lines in Service

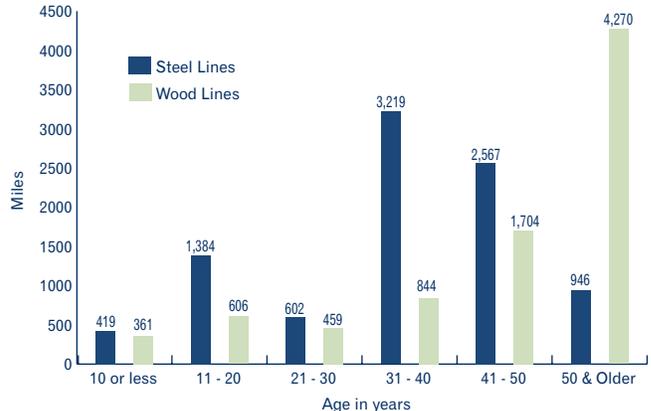
as of Oct. 1, 2003



Total miles of lines
 1978 - 16,165 miles
 2003 - 17,401 miles

Transmission Line Age

as of Oct. 1, 2003



Service life:
 40 years for wood pole lines, 100 years for structures and
 50 years for conductor insulator assemblies on steel lines.
 This graph includes only wood and steel line structures.
 There are 20 miles of concrete lines that do not appear in this graph.

Energy Resource and Disposition

	GWh	
	FY 2003	FY 2002
Energy resource		
Net generation	28,811	28,986
Interchange ¹		
OEA Deferred	394	807
Received	1,069	1,827
Delivered	796	1,181
Net	667	1,453
Purchases		
NonWestern	12,148	10,822
Western	487	261
Total purchases	12,635	11,083
Total energy resources	42,113	41,522
Energy disposition		
Sales of electric energy		
Western sales	37,763	35,936
Project use sales	1,770	1,710
Total energy sales	39,533	37,646

	GWh	
	FY 2003	FY 2002
Other		
Interproject sales	437	328
Other deliveries/losses ²	856	761
Total other	1,293	1,089
Total energy delivered ³	40,826	38,735
System and contractual losses ⁴	1,287	2,787
Total energy disposition	42,113	41,522

¹ Parker-Davis: Western Area Lower Colorado scheduled interchange.

² Parker-Davis: Operating Energy Account & Southwest Operating Group Deposits.

³ Boulder Canyon: Energy delivered does not match energy sales, which are billed on Master Schedule (estimated) deliveries not actuals.

⁴ LAP: Negative system and contractual losses are due to overdeliveries by others in the control area, causing deviation. Deviation is not accounted for in the total energy resources.

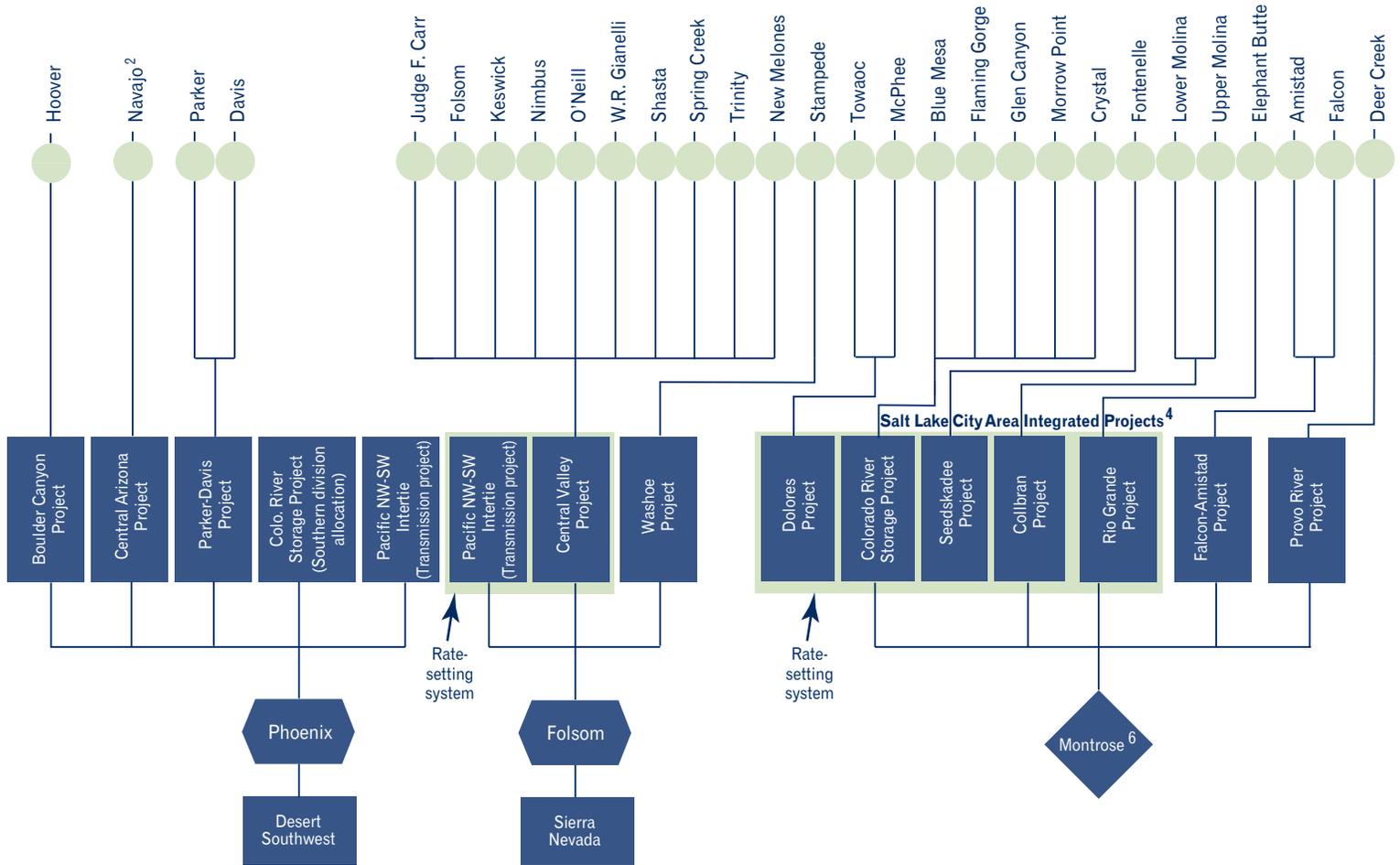
Capability and Net Generation

Project	Number of units	Installed capability FY 2003 (MW)	Actual Operating Capability (MW)		Net Generation (GWh)	
			July 1, 2003	July 1, 2002	FY 2003	FY 2002
Boulder Canyon	19	2,079	1,840	1,937	4,094	4,734
Central Arizona	3	547	547	547	4,071	4,412
Central Valley	36	1,960	1,676	1,642	5,175	4,280
Falcon-Amistad	5	98	98	98	51	72
Loveland Area Projects	39	830	780	744	1,549	1,652
Parker-Davis	9	309	309	305	1,374	1,522
Pick-Sloan Missouri Basin Program—Eastern Division	41	2,611	2,253	2,275	8,203	7,616
Provo River	2	5	5	5	15	16
Salt Lake City Area/Integrated Projects	24	1,799	1,800	1,792	4,269	4,671
Washoe	1	4	3	3	10	11
Totals	179	10,241	9,310	9,347	28,811	28,986

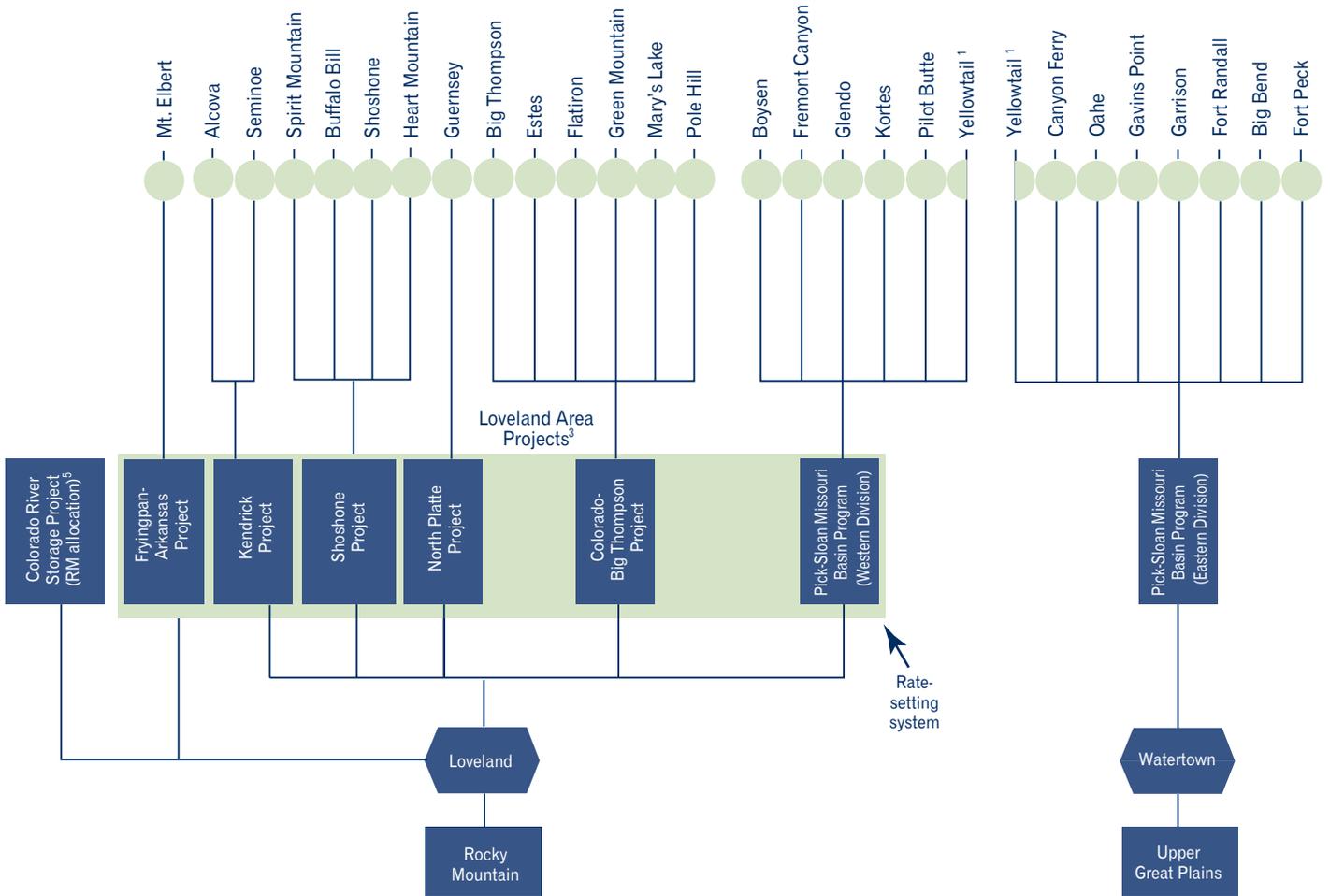
Capability and Net Generation by State

State	Number of units	Installed capability FY 2003 (MW)	Actual Operating Capability (MW)		Net Generation (GWh)	
			July 1, 2003	July 1, 2002	FY 2003	FY 2002
Arizona	26	3,137	3,018	3,063	10,778	11,831
California	41	2,017	1,733	1,699	5,416	4,533
Colorado	22	730	685	673	1,262	1,463
Montana	12	485	465	420	1,462	1,271
North Dakota	5	518	346	360	1,842	1,448
Nevada	9	1,039	920	969	2,047	2,367
New Mexico	3	28	28	28	32	84
South Dakota	26	1,733	1,574	1,588	5,055	5,078
Texas	5	98	98	98	51	72
Utah	5	157	157	157	249	234
Wyoming	25	298	287	294	616	606
Totals	179	10,241	9,310	9,347	28,811	28,986

POWER MARKETING SYSTEM



- Power resources
- Project or power system
- Dispatch center
- Billing/Marketing office
- Rate-setting system
- CRSP Marketing and Management Office



¹ Generation from units 1 and 2 is marketed by the Rocky Mountain Region; from units 3 and 4 by the Upper Great Plains Region. Yellowtail is controlled by Rocky Mountain.

² Coal-fired generation.

³ These resources are integrated for marketing, operation and repayment purposes.

⁴ These resources are integrated for marketing and operation purposes.

⁵ Power marketed from Colorado River Storage Project resources.

⁶ Billing for Salt Lake City Area/Integrated Projects carried out by DSW and RM.

POWERPLANTS

As of September 30, 2003

Project/state/ plant name	Operating agency ¹	River	Initial In-service date	Existing number of units	Installed capability FY 2003 (MW)	Actual operating capability (MW)		Net generation (GWh) ²	
						7/1/03	7/1/02	FY 2003	FY 2002
Boulder Canyon									
Arizona-Nevada									
Hoover	Reclamation	Colorado	Sep 36	19	2,079	1,840	1,937	4,094	4,734
Boulder Canyon Total				19	2,079	1,840	1,937	4,094	4,734
Central Arizona									
Arizona									
Navajo	SRP	n/a ³	May 74	3	547 ⁴	547	547	4,071	4,412
Central Arizona Total				3	547	547	547	4,071	4,412
Central Valley									
California									
J.F. Carr	Reclamation	Clear Creek Tunnel	May 63	2	154	150	148	433	329
Folsom	Reclamation	American	May 55	3	199	138	109	550	410
Keswick	Reclamation	Sacramento	Oct 49	3	117	69	87	468	405
New Melones	Reclamation	Stanislaus	Jun 79	2	300	320	330	362	376
Nimbus	Reclamation	American	May 55	2	14	7	7	65	52
O'Neill ⁵	Reclamation	San Luis Creek	Dec 67	6	25 ⁵	0	0	3	6
Shasta	Reclamation	Sacramento	Jun 44	5	629	620	512	2,168	1,778
Spring Creek	Reclamation	Spring Creek Tunnel	Feb 64	2	180	180	160	547	382
Trinity	Reclamation	Trinity	Feb 64	3	140 ⁶	130	134	514	383
W.R. Gianelli ⁵	CDWR	San Luis Creek	Mar 68	8	202 ⁷	62	155	65	159
Central Valley Total				36	1,960	1,676	1,642	5,175	4,280
Falcon-Amistad									
Texas									
Amistad	IBWC	Rio Grande	Jun 83	2	66 ⁸	66	66	23	45
Falcon	IBWC	Rio Grande	Oct 54	3	32 ⁸	32	32	28	27
Falcon-Amistad Total				5	98	98	98	51	72
Loveland Area Projects									
Colorado									
Big Thompson	Reclamation	Trans-Mtn. Div.	Apr 59	1	5	4	5	10	4
Estes	Reclamation	Trans-Mtn. Div.	Sep 50	3	45	30	51	75	113
Flatiron ⁵	Reclamation	Trans-Mtn. Div.	Jan-54	3	95 ¹²	86	51	191	221
Green Mountain	Reclamation	Blue	May 43	2	26	13	13	17	24
Mary's Lake	Reclamation	Trans-Mtn. Div.	May 51	1	8	0	8	16	42
Mount Elbert ⁹	Reclamation	Arkansas	Oct 81	2	200	206	206	355	305
Pole Hill	Reclamation	Trans-Mtn. Div.	Jan 54	1	38	32	33	153	181
Montana									
Yellowtail ¹¹	Reclamation	Big Horn	Aug 66	2	125	132	93	155	181
Wyoming									
Alcova	Reclamation	North Platte	Jul 55	2	41	39	36	75	78
Boysen	Reclamation	Big Horn	Aug 52	2	15	15	16	24	25
Buffalo Bill	Reclamation	Shoshone	May 95	3	18	18	18	44	38
Fremont Canyon	Reclamation	North Platte	Dec 60	2	67	67	66	151	177
Glendo	Reclamation	North Platte	Dec 58	2	38	38	38	46	44
Guernsey	Reclamation	North Platte	Jul 99	2	6	0	6	4	11
Heart Mountain	Reclamation	Shoshone	Dec 48	1	5	5	5	18	17
Kortes	Reclamation	North Platte	Jun 50	3	36	36	39	100	86
Pilot Butte	Reclamation	Wind	Jan 99	2	2	0	1	2	4
Seminole	Reclamation	North Platte	Aug 39	3	52	51	51	81	76
Shoshone	Reclamation	Shoshone	May 95	1	3	3	3	15	14
Spirit Mountain	Reclamation	Shoshone	May 95	1	5	5	5	15	12
Loveland Area Projects Total				39	830	780	744	1,549	1,652
Parker-Davis									
Arizona									
Davis	Reclamation	Colorado	Jan 51	5	255	255	251	1,142	1,280
California									
Parker	Reclamation	Colorado	Dec 42	4	54 ¹⁰	54	54	231	242
Parker-Davis Total				9	309	309	305	1,374	1,522

Project/state/ plant name	Operating agency ¹	River	Initial In-service date	Existing number of units	Installed capability FY 2003 (MW)	Actual operating capability (MW)		Net generation (GWh) ²	
						7/1/03	7/1/02	FY 2003	FY 2002
Pick-Sloan—Eastern Division									
Montana									
Canyon Ferry	Reclamation	Missouri	Dec 53	3	50	60	60	320	227
Fort Peck	Corps	Missouri	Jul 43	5	185	143	149	831	683
Yellowtail ¹¹	Reclamation	Big Horn	Aug 66	2	125	130	118	155	181
North Dakota									
Garrison	Corps	Missouri	Jan 56	5	518	346	360	1,842	1,448
South Dakota									
Big Bend	Corps	Missouri	Oct 64	8	494	506	498	839	810
Fort Randall	Corps	Missouri	Mar 54	8	320	347	352	1,496	1,486
Gavins Point	Corps	Missouri	Sep 56	3	132	113	105	709	705
Oahe	Corps	Missouri	Apr 62	7	786	608	633	2,011	2,076
Pick-Sloan Eastern Division Total				41	2,611	2,253	2,275	8,203	7,616
Provo River									
Utah									
Deer Creek	PRWUA	Provo	Feb 58	2	5	5	5	15	16
Provo River Total				2	5	5	5	15	16
Salt Lake City Area/Integrated Projects									
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 64	8	1,296	1,296	1,296	3,518	3,772
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 67	2	86	86	86	129	169
Crystal	Reclamation	Gunnison	Sep 78	1	28	28	28	94	127
Lower Molina	Reclamation	Pipeline	Dec 62	1	5	5	5	10	8
McPhee	Reclamation	Dolores	Jun 93	1	1	1	1	0	1
Morrow Point	Reclamation	Gunnison	Dec 70	2	173	173	165	186	243
Towaoc	Reclamation	Canal	Jun 93	1	11	11	11	6	6
Upper Molina	Reclamation	Pipeline	Dec 62	1	9	9	9	17	20
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 40	3	28	28	28	32	84
Utah									
Flaming Gorge	Reclamation	Green	Nov 63	3	152	152	152	234	217
Wyoming									
Fontenelle	Reclamation	Green	May 68	1	10	10	10	41	24
Salt Lake City Area/Integrated Projects Total				24	1,799	1,800	1,792	4,269	4,671
Washoe									
California									
Stampede	Reclamation	Little Truckee	Dec 86	1	4	3	3	10	11
Washoe Total				1	4	3	3	10	11
Grand Total				179	10,241	9,310	9,347	28,811	28,986

¹ Operating agencies:
Reclamation - Bureau of Reclamation, U.S. Dept. of the Interior
CDWR - California Department of Water Resources
Corps - U.S. Army Corps of Engineers
IBWC - International Boundary and Water Commission, U.S. Dept. of State
PRWUA - Provo River Water Users Association
SRP - Salt River Project

² Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

³ Coal-fired powerplant.

⁴ United States' share (24.3 percent) of 2,250 MW plant capability.

⁵ Pump/generating plant.

⁶ Includes 0.35 MW at Lewiston Powerplant.

⁷ United States' share (47.67%) of plant capacity.

⁸ Federal share of 424 MW capability.

⁹ The only marketed energy is the energy generated by Mt. Elbert Conduit flows, estimated at 56 GWh a year.

¹⁰ United States' share (50 percent) of plant capability.

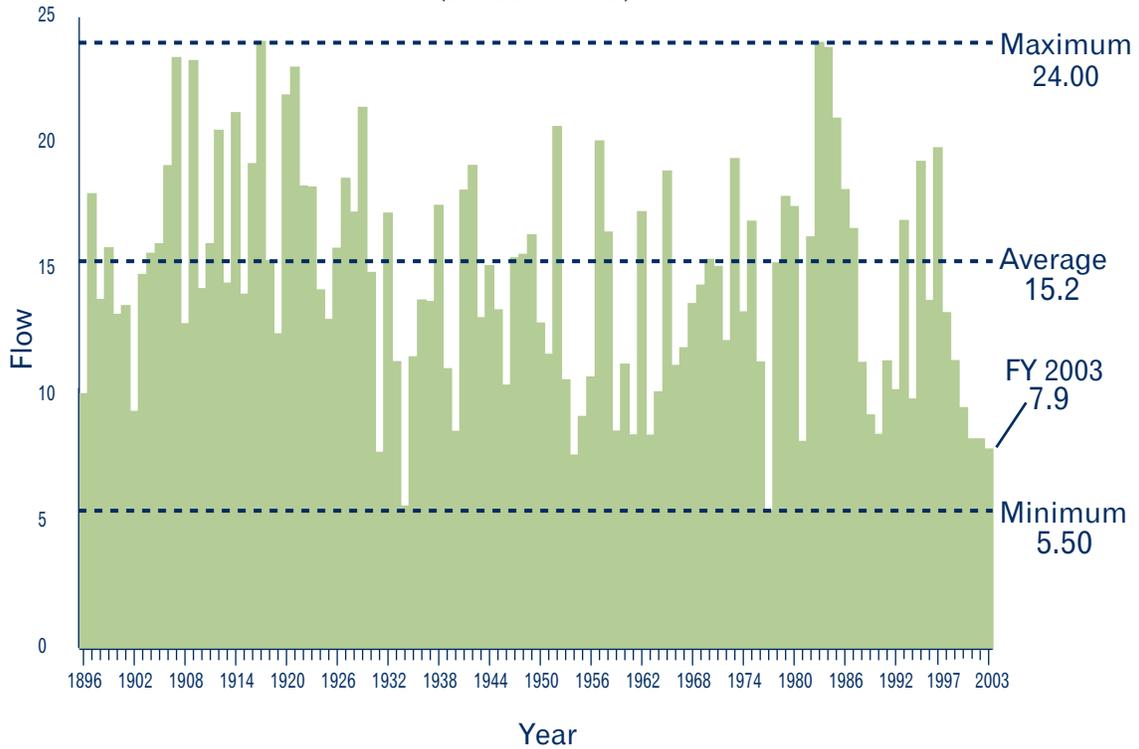
¹¹ RMR and UGP each market half of the plant capability and energy.

¹² Only Unit 3 has pump/generation capability.

HISTORICAL FLOWS

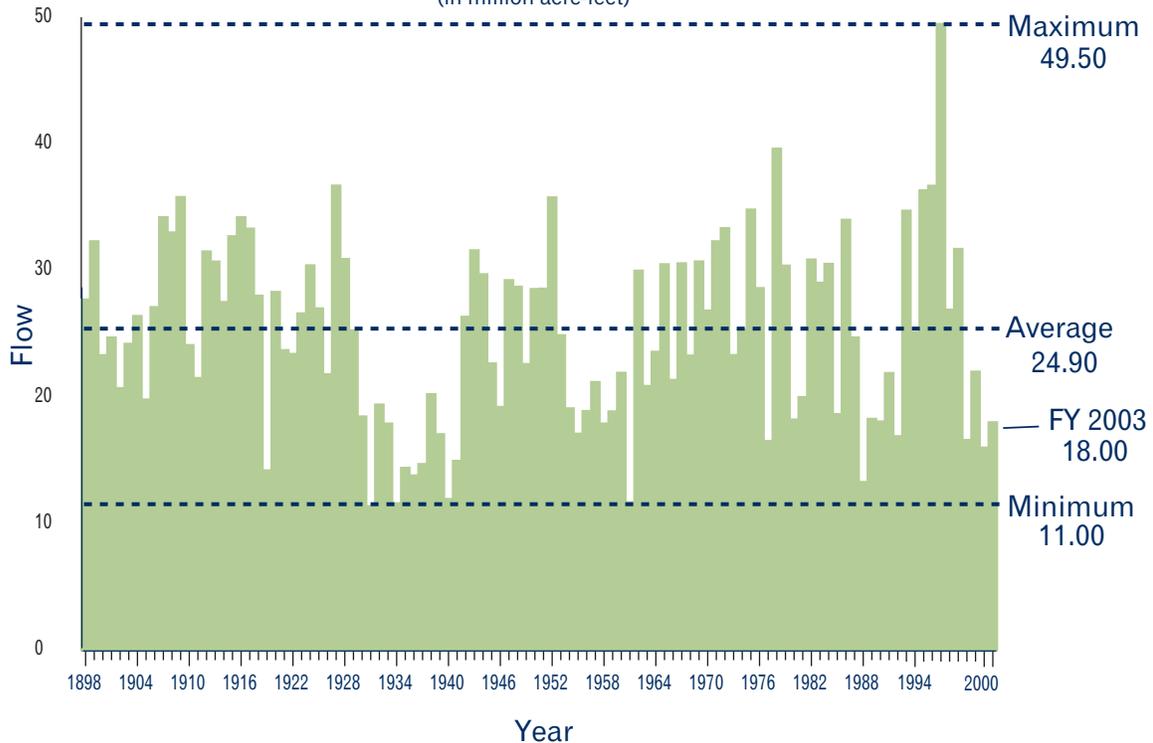
Colorado River Flow at Lees Ferry, Arizona

(in million acre-feet)

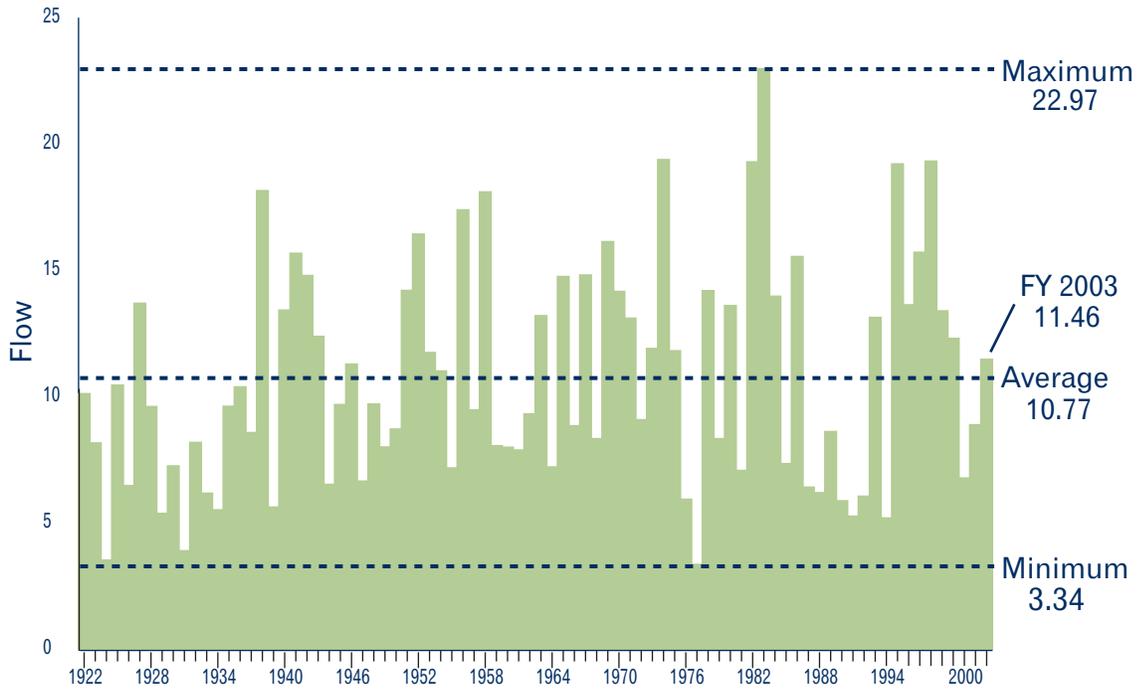


Missouri River Flow at Sioux City, Iowa

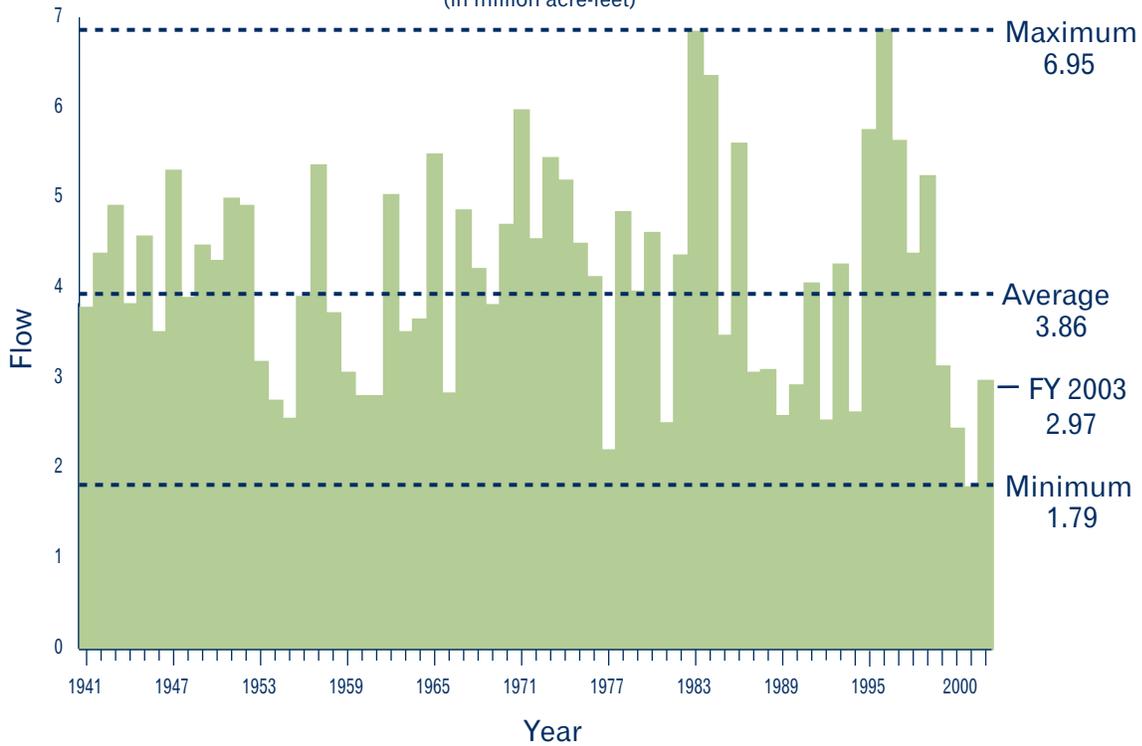
(in million acre-feet)



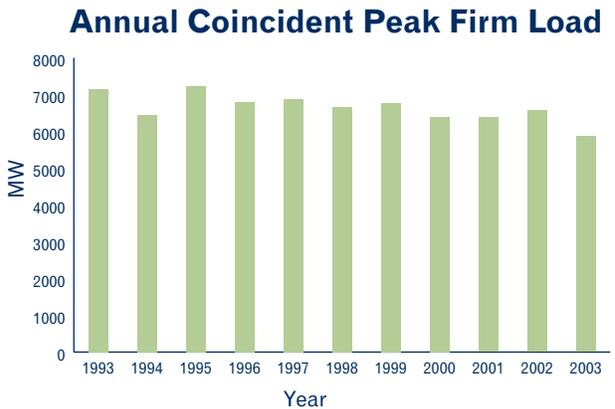
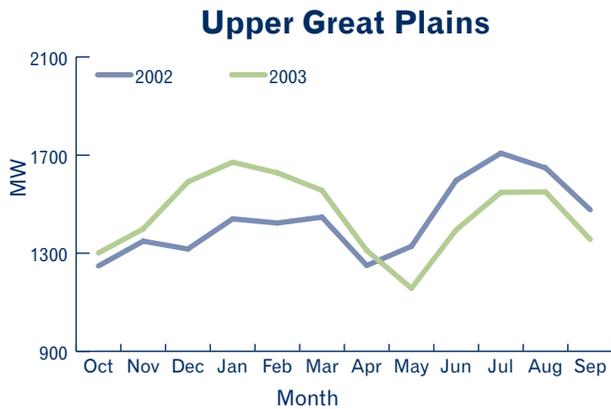
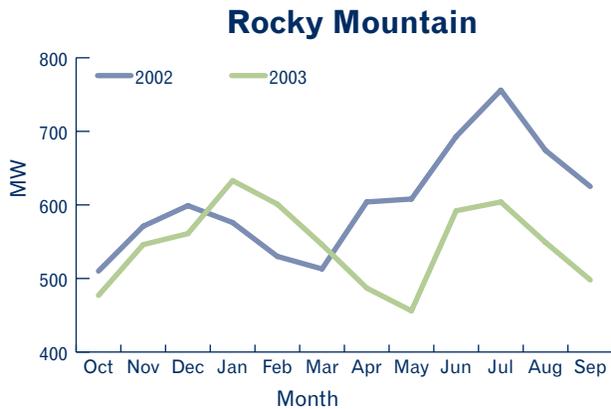
**Sacramento and San Joaquin Rivers
Annual Flow to Trinity, Shasta, Folsom
and New Melones Reservoirs**
(in million acre-feet)



Big Thompson, North Platte and Bighorn Rivers
(in million acre-feet)



PEAK FIRM LOADS



These graphs show monthly regional at-plant coincident peak firm loads, except that Sierra Nevada Project Use loads may not be coincident with the load management loads. Amounts for Desert Southwest and Rocky Mountain regions exclude Salt Lake City Area/Integrated Project loads. They are included in the CRSP MC amounts.

Our FY 2003 coincident firm and contingent peak load was 5,863 MW. The peak occurred on July 1 during the hour ending at 4 p.m. (MDT).

Power Sales By Project ¹

Project	FY 2003		FY 2002	
	(MWh)	Revenues (\$)	(MWh)	Revenues (\$)
Boulder Canyon	3,960,347	50,811,356	4,437,655	50,542,665
Central Arizona (Navajo) ²	4,071,000	82,973,545	4,412,000	73,456,415
Central Valley	9,497,565	215,674,866	8,692,485	195,088,431
Falcon-Amistad	51,126	4,291,163	71,883	4,537,453
Loveland Area Projects	2,713,744	62,864,002	2,155,177	44,903,420
Parker-Davis	1,554,986	7,609,024	1,808,750	6,011,258
Pick-Sloan Missouri Basin—Eastern Division	11,248,886	211,093,857	10,874,839	180,108,736
Provo River	3,935	339,444	7,295	307,716
Salt Lake City Area Integrated Projects	6,861,149	149,873,589	5,505,072	117,988,802
Washoe	9,255	165,564	11,003	196,841
Total Western ³	39,971,992	785,696,411	37,976,159	673,141,736

¹ Includes firm, nonfirm, project use, interdepartmental and interproject sales.

² On June 1, 1994, Salt River Project began acting as the scheduling and marketing agent for the CAP portion of the Navajo Generating Station (547 MW). Western retains marketing and repayment responsibility and SRP pays Western monthly fixed and variable costs to meet repayment requirements.

³ Differences be

Report financial statements are due to: classifications of project use income, adjustments for prior-year revenues, and refunds for prior-year customer overpayments. Sales and revenue tables in the Appendix reflect current year activity only.

Power Sales by Customer Category

Customer category	FY 2003		FY 2002	
	(MWh)	Revenues (\$)	(MWh)	Revenues (\$)
Municipalities ¹	11,754,905	235,836,635	9,704,591	185,764,994
Cooperatives ^{2, 4}	7,923,061	148,383,495	7,051,264	130,671,858
Federal agencies	1,511,005	32,934,602	1,339,046	28,948,824
State agencies ^{1,3}	8,424,217	136,790,441	9,864,726	142,778,474
Public utility districts	3,966,968	92,611,001	3,731,279	84,151,507
Native American tribes	741,279	9,829,038	765,067	10,000,559
Irrigation districts	731,041	13,649,735	797,294	13,305,736
Investor-owned utilities ⁴	1,198,145	38,045,897	1,455,595	32,297,379
Power marketers ⁵	1,512,741	47,947,038	1,228,196	25,197,272
Subtotal	37,763,362	756,027,881	35,937,058	653,116,603
Project use	1,770,821	14,584,235	1,710,458	14,030,893
Interproject	437,809	15,084,295	328,643	5,994,240
Total Western	39,971,992	785,696,411	37,976,159	673,141,736

^{1, 3} This category now includes sales to Arkansas River Power Authority, Platte River Power Authority, Wyoming Municipal Power Agency and Municipal Energy Agency of Nebraska, which had been classified as state agencies in previous years.

² This category now includes sales to Aggregated Energy Services, which had been classified as a marketer in SLCA/IP in previous years.

⁴ This category now includes Black Hills Power and Light, which had been classified as a cooperative in SLCA/IP.

⁵ This category now includes sales to Cargill-Alliant, Duke Energy Trading and Marketing, Mirant Corporation and PowerEx, which had been classified as IOUs in some projects in previous years.

Power Sales by State and Customer Category

State	Municipalities	Cooperatives	Federal agencies	State agencies	Public utility districts	Native American tribes	Irrigation districts	Investor-owned utilities	Marketers	Inter-project	Project use	Total
Arizona												
Energy sales - MWh	154,772	160,104	71,795	5,437,272	0	402,250	193,309	11,105	0	695	195,158	6,626,460
Power revenue - \$	2,504,427	1,374,701	471,702	102,807,657	0	5,165,898	2,808,524	437,242	0	43,140	686,209	116,299,500
California												
Energy sales - MWh	4,811,261	124,696	1,087,346	1,274,868	2,687,645	11,136	507,990	171,727	35	0	1,441,378	12,118,082
Power revenue - \$	113,769,747	2,984,331	26,373,792	14,086,164	66,133,348	34,727	9,680,764	4,974,852	1,315	0	11,600,000	249,639,040
Colorado												
Energy sales - MWh	1,439,472	3,151,398	69,482	0	0	0	0	244,634	0	91,284	17,475	5,013,745
Power revenue - \$	29,402,475	65,980,359	1,201,212	0	0	0	0	7,168,988	0	3,153,739	417,992	107,324,765
Connecticut												
Energy sales - MWh	0	0	0	0	0	0	0	0	24,951	0	0	24,951
Power revenue - \$	0	0	0	0	0	0	0	0	665,133	0	0	665,133
Delaware												
Energy sales - MWh	0	0	0	0	0	0	0	0	600	0	0	600
Power revenue - \$	0	0	0	0	0	0	0	0	21,000	0	0	21,000
Florida												
Energy sales - MWh	0	0	0	0	0	0	0	0	138,731	0	0	138,731
Power revenue - \$	0	0	0	0	0	0	0	0	4,478,028	0	0	4,478,028
Georgia												
Energy sales - MWh	0	0	0	0	0	0	0	0	530	0	0	530
Power revenue - \$	0	0	0	0	0	0	0	0	24,130	0	0	24,130
Idaho												
Energy sales - MWh	0	0	0	0	0	0	0	8,867	0	0	0	8,867
Power revenue - \$	0	0	0	0	0	0	0	179,716	0	0	0	179,716
Iowa												
Energy sales - MWh	676,576	506,374	0	0	0	0	0	30,154	12,720	0	0	1,225,824
Power revenue - \$	9,511,480	6,753,498	0	0	0	0	0	1,152,949	432,330	0	0	17,850,257
Kansas												
Energy sales - MWh	96,458	90,056	0	0	0	0	0	0	0	0	63	186,577
Power revenue - \$	2,018,238	1,444,023	0	0	0	0	0	0	0	0	159	3,462,420
Minnesota												
Energy sales - MWh	1,434,968	576,306	0	40,944	63,732	13,014	0	253,215	441,186	0	0	2,823,365
Power revenue - \$	20,074,436	7,966,608	0	548,631	1,606,697	185,190	0	9,183,011	13,804,292	0	0	53,368,865
Missouri												
Energy sales - MWh	0	0	0	0	0	0	0	30,908	163,118	0	0	194,026
Power revenue - \$	0	0	0	0	0	0	0	992,636	5,657,275	0	0	6,649,911
Montana												
Energy sales - MWh	0	685,746	0	0	0	68,088	4,189	114,030	0	3,755	27,251	903,059
Power revenue - \$	0	10,001,097	0	0	0	929,609	62,534	3,116,009	0	121,055	68,895	14,299,199
Nebraska												
Energy sales - MWh	751,895	0	0	136,391	1,139,665	24,647	0	0	0	0	4,038	2,056,636
Power revenue - \$	15,019,739	0	0	1,837,894	22,309,554	350,745	0	0	0	0	20,386	39,538,318
Nevada												
Energy sales - MWh	72,506	50,519	32,088	1,295,421	0	0	0	16,608	0	0	0	1,467,142
Power revenue - \$	683,410	1,083,123	102,320	13,952,753	0	0	0	385,608	0	0	0	16,207,214
New Mexico												
Energy sales - MWh	155,549	68,063	127,346	0	0	0	0	35,811	0	0	62,375	449,144
Power revenue - \$	3,155,934	1,153,528	2,599,699	0	0	0	0	1,204,105	0	0	1,603,869	9,717,135
New York												
Energy sales - MWh	0	0	0	0	0	0	0	0	350	0	0	350
Power revenue - \$	0	0	0	0	0	0	0	0	11,915	0	0	11,915

Power Sales by State and Customer Category, continued

State	Municipalities	Cooperatives	Federal agencies	State agencies	Public utility districts	Native American tribes	Irrigation districts	Investor-owned utilities	Marketers	Inter-project	Project use	Total
North Dakota												
Energy sales - MWh	188,119	913,003	0	98,665	0	94,463	0	4,377	130,109	0	6,394	1,435,130
Power revenue - \$	2,766,504	19,828,131	0	1,456,665	0	1,345,944	0	326,984	3,913,352	0	31,117	29,668,697
Ohio												
Energy sales - MWh	0	0	0	0	0	0	0	0	684	0	0	684
Power revenue - \$	0	0	0	0	0	0	0	0	20,255	0	0	20,255
Oklahoma												
Energy sales - MWh	0	0	11,400	0	0	0	0	0	0	0	0	11,400
Power revenues - \$	0	0	300,200	0	0	0	0	0	0	0	0	300,200
Oregon												
Energy sales - MWh	0	0	0	0	0	0	0	151,184	0	0	0	151,184
Power revenue - \$	0	0	0	0	0	0	0	4,254,012	0	0	0	4,254,012
South Dakota												
Energy sales - MWh	691,735	952,589	57,094	117,588	73,491	127,681	0	122,620	0	0	5,718	2,148,516
Power revenue - \$	10,052,343	13,267,056	843,127	1,667,226	2,488,842	1,816,925	0	4,532,616	0	0	105,806	34,773,941
Texas												
Energy sales - MWh	0	51,126	0	0	0	0	0	2,105	254,127	0	0	307,358
Power revenue - \$	0	4,291,163	0	0	0	0	0	101,970	10,144,217	0	0	14,537,350
Utah												
Energy sales - MWh	1,203,466	463,548	37,624	23,068	0	0	25,361	0	0	342,075	1,154	2,096,296
Power revenue - \$	25,135,621	9,720,732	747,085	433,451	0	0	1,093,855	0	0	11,766,361	25,260	48,922,365
Wisconsin												
Energy sales - MWh	0	0	0	0	2,435	0	0	800	39,008	0	0	42,243
Power revenue - \$	0	0	0	0	72,560	0	0	35,200	1,354,366	0	0	1,462,126
Wyoming												
Energy sales - MWh	78,129	129,532	16,830	0	0	0	192	0	0	0	9,817	234,500
Power revenue - \$	1,742,281	2,535,145	295,465	0	0	0	4,058	0	0	0	24,543	4,601,492
Canada												
Energy sales - MWh	0	0	0	0	0	0	0	0	306,592	0	0	306,592
Power revenue - \$	0	0	0	0	0	0	0	0	7,419,431	0	0	7,419,431
Total												
Energy sales - MWh ¹	11,754,906	7,923,060	1,511,005	8,424,217	3,966,968	741,279	731,041	1,198,145	1,512,741	437,809	1,770,821	39,971,992
Power revenue - \$	235,836,635	148,383,495	32,934,602	136,790,441	92,611,001	9,829,038	13,649,735	38,045,898	47,947,039	15,084,295	14,584,236	785,696,415

¹ Varies slightly from Energy Sales by Customer Category due to rounding.

Firm and NonFirm Energy Sales by Project

Project	FY 2003			FY 2002		
	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Boulder Canyon						
Energy sales - MWh	3,960,347	0	3,960,347	4,437,655	0	4,437,655
Power revenues - \$	50,811,357	(1)	50,811,356	50,542,665	0	50,542,665
Central Arizona						
Energy sales - MWh	4,071,000	0	4,071,000	4,412,000	0	4,412,000
Power revenues - \$	82,973,545	0	82,973,545	73,456,415	0	73,456,415
Central Valley						
Energy sales - MWh	7,455,762	600,425	8,056,187	6,778,386	539,294	7,317,680
Power revenues - \$	191,398,302	12,676,564	204,074,866	171,218,846	11,749,685	182,968,531
Falcon-Amistad						
Energy sales - MWh	0	51,126	51,126	0	71,883	71,883
Power revenues - \$	0	4,291,163	4,291,163	0	4,537,453	4,537,453
Loveland Area Projects						
Energy sales - MWh	2,040,231	326,103	2,366,334	2,040,221	34,750	2,074,971
Power revenues - \$	44,272,688	7,001,610	51,274,298	42,689,460	458,999	43,148,459
Parker-Davis						
Energy sales - MWh	1,258,406	85,025	1,343,431	1,426,419	174,588	1,601,007
Power revenues - \$	4,223,660	2,250,555	6,474,215	3,385,223	2,147,535	5,532,758
Provo River						
Energy sales - MWh	0	3,935	3,935	0	7,295	7,295
Power revenues - \$	0	339,444	339,444	0	307,716	307,716
Pick-Sloan Missouri Basin Program—Eastern Division						
Energy sales - MWh	8,888,735	2,273,454	11,162,189	8,866,359	1,928,975	10,795,334
Power revenues - \$	136,826,407	72,582,714	209,409,121	136,602,284	42,501,737	179,104,021
Salt Lake City Area Integrated Projects						
Energy Sales - MWh	6,117,617	621,941	6,739,559	4,341,033	867,198	5,208,230
Power Revenues - \$	123,878,413	22,335,896	146,214,309	93,080,653	20,241,092	113,321,745
Washoe						
Energy sales - MWh	0	9,255	9,255	0	11,003	11,003
Power revenues - \$	0	165,564	165,564	0	196,841	196,841
Subtotal						
Energy sales - MWh	33,792,098	3,971,264	37,763,362	32,302,073	3,634,986	35,937,058
Power revenues - \$	634,384,372	121,643,509	756,027,881	570,975,545	82,141,058	653,116,603
Project use						
Energy sales - MWh	1,769,936	885	1,770,821	1,710,458	0	1,710,458
Power revenues - \$	14,560,206	24,029	14,584,235	14,030,893	0	14,030,893
Subtotal						
Energy sales - MWh	35,562,034	3,972,149	39,534,183	34,012,531	3,634,986	37,647,516
Power revenues - \$	648,944,578	121,667,538	770,612,116	585,006,438	82,141,058	667,147,496
Interproject						
Energy sales - MWh	0	437,809	437,809	0	328,643	328,643
Power revenues - \$	0	15,084,295	15,084,295	0	5,994,240	5,994,240
Total Western						
Energy sales - MWh	35,562,034	4,409,958	39,971,992	34,012,531	3,963,628	37,976,159
Power revenues - \$	648,944,578	136,751,833	785,696,411	585,006,438	88,135,298	673,141,736

Firm and Nonfirm Energy Sales by Customer Category

Customer category	FY 2003			FY 2002		
	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Municipalities ^{1,4}						
Energy sales - MWh	11,196,584	558,321	11,754,905	9,298,207	406,384	9,704,591
Revenues - \$	220,392,476	15,444,160	235,836,635	177,686,236	8,078,758	185,764,994
Cooperatives ²						
Energy sales - MWh	7,609,005	314,056	7,923,061	6,787,785	263,479	7,051,264
Revenues - \$	138,402,550	9,980,945	148,383,495	121,913,166	8,758,692	130,671,858
Federal agencies						
Energy sales - MWh	1,495,589	15,416	1,511,005	1,335,279	3,767	1,339,046
Revenues - \$	32,531,745	402,857	32,934,602	28,818,370	130,454	28,948,824
State agencies ^{1,3}						
Energy sales - MWh	8,381,662	42,555	8,424,217	9,782,698	82,028	9,864,726
Revenues - \$	134,813,089	1,977,352	136,790,441	140,452,327	2,326,147	142,778,474
Public utility districts						
Energy sales - MWh	3,500,696	466,272	3,966,968	3,349,854	381,425	3,731,279
Revenues - \$	81,162,032	11,448,969	92,611,001	75,385,173	8,766,334	84,151,507
Native american tribes						
Energy sales - MWh	736,959	4,320	741,279	749,145	15,922	765,067
Revenues - \$	9,580,695	248,343	9,829,038	9,517,143	483,415	10,000,559
Irrigation districts						
Energy sales - MWh	699,891	31,150	731,041	749,852	47,442	797,294
Revenues - \$	12,439,182	1,210,553	13,649,735	12,461,914	843,822	13,305,736
Investor-owned utilities ⁴						
Energy sales - MWh	171,712	1,026,433	1,198,145	249,252	1,206,343	1,455,595
Revenues - \$	5,062,604	32,983,293	38,045,897	4,741,216	27,556,163	32,297,379
Power marketers ⁵						
Energy sales - MWh	0	1,512,741	1,512,741	0	1,228,196	1,228,196
Revenues - \$	0	47,947,038	47,947,038	0	25,197,272	25,197,272
Subtotal						
Energy sales - MWh	33,792,098	3,971,264	37,763,362	32,302,073	3,634,986	35,937,058
Revenues - \$	634,384,372	121,643,509	756,027,881	570,975,545	82,141,058	653,116,603
Project use						
Energy sales - MWh	1,769,936	885	1,770,821	0	0	0
Revenues - \$	14,560,206	24,029	14,584,235	0	0	0
Total Western						
Energy sales - MWh	35,562,034	3,972,149	39,534,183	32,302,073	3,634,986	35,937,058
Revenues - \$	648,944,578	121,667,538	770,612,116	570,975,545	82,141,058	653,116,603
Interproject						
Energy sales - MWh	0	437,809	437,809	0	0	0
Revenues - \$	0	15,084,295	15,084,295	0	0	0
Total Western						
Energy sales - MWh	35,562,034	4,409,958	39,971,992	32,302,073	3,634,986	35,937,058
Revenues - \$	648,944,578	136,751,833	785,696,411	570,975,545	82,141,058	653,116,603

^{1, 3} This category now includes sales to Arkansas River Power Authority, Platte River Power Authority, Wyoming Municipal Power Agency and Municipal Energy Agency of Nebraska, which had been classified as state agencies in previous years.

² This category now includes sales to Aggregated Energy Services, which had been classified as a marketer in SLCA/IP in previous years.

⁴ This category now includes Black Hills Power and Light, which had been classified as a cooperative in SLCA/IP.

⁵ This category now includes sales to Cagill-Alliant, Duke Energy Trading and Marketing, Mirant Corporation and PowerEx, which had been classified as IOUs in some projects in previous years.

PURCHASED POWER/TRANSMISSION COST

Purchased Power Cost by Project

Project and source	FY 2003		FY 2002	
	Energy MWh	Cost \$(000)	Energy MWh	Cost \$(000)
Central Valley				
NonWestern	4,939,665	124,392	5,237,556	131,154
Western	0	0	0	0
Total project purchases	4,939,665	124,392	5,237,556	131,154
Loveland Area Projects				
NonWestern	1,117,337	46,652	905,061	32,440
Western	42,856	1,517	118,754	3,557
Total project purchases	1,160,193	47,778²	1,023,815	35,997
Parker-Davis				
NonWestern	0	0	100	2
Western	97,406	2,596	727	23
Total project purchases	97,406	2,596	827	25
Pick-Sloan Missouri Basin Program--Eastern Division				
NonWestern	3,640,450	101,539	3,875,042	85,989
Western	3,755	135	0	0
Total project purchases	3,644,205	101,674	3,875,042	85,989
Salt Lake City Area Integrated Projects				
NonWestern	2,451,296	89,575	804,672	41,504
Western	342,838	40,628	141,441	1,251
Total project purchases	2,794,134	130,203	946,113	42,755
Total Western				
NonWestern	12,148,748	362,158	10,822,431	291,089
Western	486,855	44,875	260,922	4,831
Total power purchases ¹	12,635,603	407,033	11,083,353	295,920

¹ FY03 reduced to reflect Trust Account activity.

Purchased Transmission Cost by Project

Project and source	FY 2003	FY 2002
	Cost \$(000)	Cost \$(000)
Central Valley		
NonWestern	15,547	24,473
Western	0	0
Total project purchases	15,547	24,473
Loveland Area Projects		
NonWestern	7,234	7,445
Western	0	0
Total project purchases	7,234	7,445
Parker-Davis		
NonWestern	0	0
Western	0	0
Total project purchases	0	0
Pick-Sloan Missouri Basin Program--Eastern Division		
NonWestern	4,124	4,098
Western	0	0
Total project purchases	4,124	4,098
Salt Lake City Area Integrated Projects		
NonWestern	8,008	0
Western	1,608	0
Total project purchases	9,616	0
Total Western		
NonWestern	34,914	31,918
Western	1,608	0
Total transmission purchases	36,522	31,918

CUSTOMERS

Purchased Ancillary Services Cost by Project

Project and source	FY 2003	FY 2002
	Cost \$(000)	Cost \$(000)
Loveland Area Projects		
NonWestern	42	2
Western	8	3
Total project purchases	50	5
Total Western		
NonWestern	42	2
Western	8	3
Total ancillary services purchases	50	5

Top 25 Customers in Energy Sales — FY 2003

Firm energy sales

Rank	Customer	MWh	Percent of total firm sales
1	Salt River Project	4,570,815	20.2
2	Tri-State Generation and Transmission Assn.	2,832,076	12.5
3	Sacramento Municipal Utility District	2,033,756	9.0
4	Colorado River Commission	1,295,421	5.7
5	Metropolitan Water District of Southern California	1,117,964	4.9
6	Palo Alto, California	977,607	4.3
7	Silicon Valley Power	894,889	3.9
8	Arizona Power Authority	824,329	3.6
9	Utah Associated Municipal Power	763,058	3.4
10	Platte River Power Authority	756,443	3.3
11	Nebraska Public Power District	737,495	3.3
12	East River Power Co-op.	699,593	3.1
13	Los Angeles Department of Water and Power	617,558	2.7
14	Redding, California	594,482	2.6
15	DOE Facilities (Oakland Operations Office)	505,521	2.2
16	Roseville, California	485,518	2.1
17	Colorado Springs Utilities	394,764	1.7
18	Utah Municipal Power Agency	379,505	1.7
19	Omaha Public Power District	378,175	1.7
20	Central Montana Electric Power Co-op.	374,891	1.7
21	Minnkota Power Co-op.	359,011	1.6
22	Central Power Electric Co-op.	318,933	1.4
23	Upper Missouri G&T Electric Co-op.	296,674	1.3
24	Moorhead, Minnesota	227,634	1.0
25	Northwest Iowa Power Co-op.	219,852	1.0
Total		22,655,964	78.9

Nonfirm energy sales

Rank	Customer	MWh	Percent of total nonfirm sales
1	Sacramento Municipal Utility District	274,965	6.9
2	Public Service Company of Colorado	244,634	6.2
3	Split Rock Energy	203,253	5.1
4	Cargill-Alliant	194,312	4.9
5	Otter Tail Power Company	187,385	4.7
6	PacifiCorp	151,184	3.8
7	Northpoint Energy Solutions	149,668	3.8
8	The Energy Authority	130,800	3.3
9	Rainbow Energy Marketing Corp.	130,109	3.3
10	El Paso Electric Company	109,137	2.7
11	Basin Electric Power Cooperative	100,401	2.5
12	Conoco Gas and Power Marketing	97,187	2.4
13	Tri-State Generation & Transmission Assn.	91,586	2.3
14	Western Resources	88,896	2.2
15	Los Angeles Dept. of Water and Power	85,284	2.1
16	PowerEx Corp.	83,368	2.1
17	Northwestern Energy LLC	77,255	1.9
18	Northwestern Public Service Co.	74,329	1.9
19	Xcel Energy	65,830	1.7
20	Silicon Valley Power	64,599	1.6
21	Minnesota Municipal Power Agency	62,185	1.6
22	Manitoba Hydro	60,442	1.5
23	Minnkota Power Co-op.	58,241	1.5
24	Heartland Consumer Power District	56,343	1.4
25	Medina Elec. Co-op. And S. Texas Elec. Co-op.	51,126	1.3
Total		2,892,519	72.8

Top 25 Customers in Power Revenues — FY 2003

Firm power revenues

Rank	Customer	Revenue (\$)	Percent of total firm revenue
1	Salt River Project	90,536,967	14.2
2	Tri-State Generation and Transmission Assn.	60,787,939	9.5
3	Sacramento Municipal Utility District	50,596,124	7.9
4	Silicon Valley Power	25,815,846	4.1
5	Palo Alto, California	23,687,019	3.7
6	Nebraska Public Power District	16,437,779	2.6
7	Utah Associated Municipal Power	15,828,281	2.5
8	Redding, California	15,048,222	2.4
9	Platte River Power Authority	14,747,935	2.3
10	Colorado River Commission of Nevada	14,147,106	2.2
11	DOE Facilities (Oakland Operations Office)	12,244,791	1.9
12	Roseville, California	12,067,052	1.9
13	Metropolitan Water District of Southern California	10,463,287	1.6
14	Los Angeles Department of Water and Power	10,300,342	1.6
15	Arizona Power Authority	9,714,805	1.5
16	East River Power Coop.	9,351,818	1.5
17	Colorado Springs Utilities	8,114,549	1.3
18	Utah Municipal Power Agency	7,791,350	1.2
19	Basin Electric Power Cooperative	6,943,684	1.1
20	Central Montana Electric Power Co-op.	5,522,393	0.9
21	Southern California Edison Co.	5,062,604	0.8
22	Omaha Public Power District	4,958,792	0.8
23	Minnkota Power Co-op.	4,808,461	0.8
24	Ames Research Center-NASA	4,341,694	0.7
25	Central Power Electric Co-op.	4,307,083	0.7
Total		443,625,923	69.6

Nonfirm power revenues

Rank	Customer	Revenue (\$)	Percent of total nonfirm revenue
1	Public Service Company of Colorado	7,168,987	5.9
2	Otter Tail Power Company	6,761,914	5.6
3	Split Rock Energy	6,457,556	5.3
4	Cargill-Alliant	5,884,833	4.8
5	Sacramento Municipal Utility District	5,820,242	4.8
6	El Paso Electric Company	5,283,219	4.3
7	Medina Elec. Co-op. And S. Texas Elec. Co-op.	4,291,163	3.5
8	PacificCorp	4,254,012	3.5
9	The Energy Authority	4,236,125	3.5
10	Rainbow Energy Marketing Corp.	3,913,352	3.2
11	Northpoint Energy Solutions	3,612,687	3.0
12	Conoco Gas and Power Marketing	3,489,850	2.9
13	Western Resources	3,098,236	2.5
14	Northwestern Public Service Co.	3,085,315	2.5
15	Basin Electric Power Co-op.	2,508,304	2.1
16	Xcel Energy	2,421,097	2.0
17	Los Angeles Department of Water and Power	2,362,696	1.9
18	Northwestern Energy LLC	2,210,272	1.8
19	Manitoba Hydro	2,068,317	1.7
20	Minnkota Power Co-op.	1,828,476	1.5
21	Heartland Consumer Power District	1,818,063	1.5
22	Lincoln, Nebraska	1,788,103	1.5
23	Minnesota Municipal Power Agency	1,663,392	1.4
24	Aquila Power Corp.	1,662,202	1.4
25	Salt River Project	1,596,799	1.3
Total		89,285,212	73.4

Transmission Revenues by Project

Project	FY 2003	FY 2002
	Revenues (\$)	Revenues (\$)
Central Arizona (Navajo)	25,459,434	24,585,210
Central Valley	9,719,577	9,911,730
Loveland Area Projects	29,694,850	32,673,309
Parker-Davis	35,702,196	31,619,138
Pick-Sloan Missouri Basin—Eastern Division	29,039,579	29,008,477
Pacific NW-SW Intertie Project	25,492,036	22,312,301
Salt Lake City Area Integrated Projects	17,010,328	16,539,822
Total Western	172,118,000	166,649,987

Ancillary Services Revenues by Project

Project	FY 2003	FY 2002
	Revenues (\$)	Revenues (\$)
Central Valley	260,293	186,518
Loveland Area Projects	1,959,744	2,001,482
Parker-Davis	83,352	145,139
Pick-Sloan Missouri Basin—Eastern Division	2,117,569	1,239,728
Salt Lake City Area Integrated Projects	2,789,274	3,428,047
Total Western	7,210,232	7,000,914

Customer Count by Project ¹

Project	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Boulder Canyon	15	0	0	15	15	0	0	15
Total Boulder Canyon	15	0	0	15	15	0	0	15
Central Arizona	1	0	0	1	1	0	0	1
Total Central Arizona	1	0	0	1	1	0	0	1
Central Valley	53	18	0	71	52	20	3	75
Project use sales	34	0	0	34	34	0	0	34
Total Central Valley	87	18	0	105	86	20	3	109
Falcon-Amistad	0	0	2	2	0	0	2	2
Total Falcon-Amistad	0	0	2	2	0	0	2	2
Loveland Area Projects	26	6	11	43	27	4	9	40
Project use sales	13	0	0	13	9	0	0	9
Interproject sales	0	0	2	2	0	0	1	1
Total Loveland Area Projects	39	6	13	58	36	4	10	50
Parker-Davis	22	3	13	38	20	4	14	38
Project use sales	2	0	0	2	2	0	0	2
Interproject sales	0	0	1	1	0	0	1	1
Total Parker-Davis	24	3	14	41	22	4	15	41
Pick-Sloan—Eastern Division	282	8	45	335	283	9	54	346
Project use sales	31	0	0	31	32	0	0	32
Interproject sales	0	0	2	2	0	0	1	1
Total Pick-Sloan—Eastern Division	313	8	47	368	315	9	55	379
Provo	0	0	2	2	0	0	2	2
Total Provo	0	0	2	2	0	0	2	2
Salt Lake Integrated Projects ²	73	40	36	149	72	40	33	145
Project use sales	4	0	0	4	4	0	0	4
Interproject sales	0	0	2	2	0	0	2	2
Total Salt Lake Integrated Projects	77	40	38	155	76	40	35	151
Washoe	0	0	1	1	0	0	1	1
Total Washoe	0	0	1	1	0	0	1	1

¹ Double counting occurs when more than one project sells power to the same customer.

² Customer count includes 34 Utah Associated Municipal Power System members.

Customers by Customer Category

Customer category	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Municipalities ¹	243	53	5	301	240	51	4	295
Cooperatives	45	6	4	55	45	5	4	54
Public utility districts	6	6	5	17	5	7	6	18
Federal agencies	35	0	2	37	37	0	2	39
State agencies	43	4	0	47	45	6	1	52
Irrigation districts ¹	46	1	1	48	44	3	1	48
Investor-owned utilities	1	0	23	24	1	0	29	30
Native American tribes	30	1	0	31	32	1	0	33
Power marketers	0	0	32	32	0	0	33	33
Project use sales	84	0	0	84	81	0	0	81
Subtotal	533	71	72	676	530	73	80	683
Interproject sales	0	0	7	7	0	0	5	5
Total	533	71	79	683	530	73	85	688

¹ Customer count includes 34 Utah Associated Municipal Power System members (31 municipalities and 3 irrigation districts).

Customers by State

State	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Alabama	0	0	0	0	0	0	0	0
Arizona	30	4	7	41	30	5	7	42
California	69	20	2	91	67	23	5	95
Colorado	24	4	1	29	25	3	2	30
Connecticut	0	0	2	2	0	0	0	0
Delaware	0	0	1	1	0	0	0	0
Florida	0	0	3	3	0	0	1	1
Georgia	0	0	1	1	0	0	2	2
Idaho	0	0	1	1	0	0	1	1
Iowa	51	0	4	55	51	0	4	55
Kansas	3	0	0	3	2	0	0	2
Maryland	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0	0
Minnesota	67	0	11	78	67	0	10	77
Missouri	0	0	5	5	0	0	4	4
Montana	12	0	3	15	14	0	2	16
Nebraska	67	4	0	71	66	5	0	71
Nevada	5	0	2	7	5	0	2	7
New Mexico	11	2	1	14	12	1	1	14
New York	0	0	1	1	0	0	0	0
North Dakota	35	2	2	39	35	1	2	38
Ohio	0	0	1	1	0	0	1	1
Oklahoma	0	0	1	1	0	0	2	2
Oregon	0	0	1	1	0	0	3	3
Pennsylvania	0	0	0	0	0	0	1	1
South Dakota	54	2	4	60	54	2	4	60
Texas	0	0	10	10	0	0	14	14
Utah ¹	14	33	1	48 ¹	14	32	3	49
Washington	0	0	0	0	0	0	0	0
Wisconsin	0	0	3	3	0	0	5	5
Wyoming	7	0	0	7	7	1	0	8
Canada	0	0	4	4	0	0	4	4
Subtotal	449	71	72	592	449	73	80	602
Project use	84	0	0	84	81	0	0	81
Subtotal	533	71	72	676	530	73	80	683
Interproject sales	0	0	7	7	0	0	5	5
Total	533	71	79	683	530	73	85	688

¹ Customer count includes 34 Utah Associated Municipal Power System members (31 municipalities and 3 irrigation districts).

Customers by State and Customer Category

State/Customer category	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona								
Municipalities	5	0	1	6	4	1	0	5
Cooperatives	0	1	2	3	0	1	1	2
Federal agencies	4	0	1	5	6	0	1	7
State agencies	0	2	0	2	1	1	0	2
Irrigation districts	17	0	0	17	15	1	0	16
Investor-owned utilities	0	0	3	3	0	0	4	4
Power marketers	0	0	0	0	0	0	1	1
Native American tribes	4	1	0	5	4	1	0	5

Customers by State and Customer Category, continued

State/Customer category	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
California								
Municipalities	15	14	0	29	15	14	1	30
Cooperatives	0	1	0	1	0	1	0	1
Federal agencies	15	0	0	15	15	0	0	15
State agencies	9	0	0	9	8	1	1	10
Public utility districts	6	4	0	10	5	5	1	11
Irrigation districts	22	1	0	23	22	2		24
Investor-owned utilities	1	0	1	2	1	0	1	2
Native American tribes	1	0	0	1	1	0	0	1
Power marketers	0	0	1	1	0	0	1	1
Colorado								
Municipalities	15	3	0	18	15	1	0	16
Cooperatives	4	1	0	5	4	1	1	6
Federal agencies	5	0	0	5	5	0	0	5
State agencies	0	0	0	0	1	1	0	2
Investor-owned utilities	0	0	1	1	0	0	1	1
Connecticut								
Power marketers	0	0	2	2	0	0	0	0
Delaware								
Power marketers	0	0	1	1	0	0	0	0
Florida								
Power marketers	0	0	3	3	0	0	1	1
Georgia								
Power marketers	0	0	1	1	0	0	2	2
Idaho								
Investor-owned utilities	0	0	1	1	0	0	1	1
Iowa								
Municipalities	47	0	2	49	47	0	2	49
Cooperatives	4	0	0	4	4	0	0	4
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	1	1	0	0	1	1
Kansas								
Municipalities	2	0	0	2	1	0	0	1
Cooperatives	1	0	0	1	1	0	0	1
Massachusetts								
Power marketers	0	0	0	0	0	0	0	0
Minnesota								
Municipalities	47	0	2	49	47	0	1	48
Cooperatives	15	0	0	15	15	0	0	15
State agencies	3	0	0	3	3	0	0	3
Public utility districts	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	2	2	0	0	2	2
Native American tribes	2	0	0	2	2	0	0	2
Power marketers	0	0	5	5	0	0	5	5
Missouri								
Investor-owned utilities	0	0	2	2	0	0	1	1
Power marketers	0	0	3	3	0	0	3	3
Montana								
Cooperatives	3	0	0	3	3	0	0	3
Irrigation districts	3	0	0	3	3	0	0	3
Investor-owned utilities	0	0	3	3	0	0	2	2
Native American tribes	6	0	0	6	8	0	0	8

Customers by State and Customer Category, continued

State/Customer category	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Nebraska								
Municipalities	55	2	0	57	54	2	0	56
Public utility districts	0	2	0	2	0	2	0	2
State agencies	8	0	0	8	8	1	0	9
Native American tribes	4	0	0	4	4	0	0	4
Nevada								
Municipalities	1	0	0	1	1	0	0	1
Cooperatives	1	0	0	1	1	0	0	1
Federal agencies	2	0	0	2	2	0	0	2
State agencies	1	0	0	1	1	0	0	1
Investor-owned utilities	0	0	2	2	0	0	2	2
New Mexico								
Municipalities	3	2	0	5	4	1	0	5
Cooperatives	4	0	0	4	4	0	0	4
Federal agencies	4	0	0	4	4	0	0	4
Investor-owned utilities	0	0	1	1	0	0	1	1
New York								
Power marketers	0	0	1	1	0	0	0	0
North Dakota								
Municipalities	12	0	0	12	12	0	0	12
Cooperatives	5	2	0	7	5	1	0	6
State agencies	12	0	0	12	12	0	0	12
Investor-owned utilities	0	0	1	1	0	0	1	1
Native American tribes	6	0	0	6	6	0	0	6
Power marketers	0	0	1	1	0	0	1	1
Ohio								
Power marketers	0	0	1	1	0	0	1	1
Oklahoma								
Federal agencies	0	0	1	1	0	0	1	1
Investor-owned utilities	0	0	0	0	0	0	1	1
Oregon								
Investor-owned utilities	0	0	1	1	0	0	3	3
Pennsylvania								
Power marketers	0	0	0	0	0	0	1	1
South Dakota								
Municipalities	33	0	0	33	33	0	0	33
Cooperatives	5	0	0	5	5	0	0	5
Federal agencies	1	0	0	1	1	0	0	1
State agencies	8	2	0	10	8	2	0	10
Public utility districts	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	2	2	0	0	2	2
Native American tribes	7	0	0	7	7	0	0	7
Texas								
Cooperatives	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	1	1	0	0	2	2
Power marketers	0	0	7	7	0	0	10	10

Customers by State and Customer Category, continued

State/Customer category	2003				2002			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Utah ¹								
Municipalities	3	32	0	35	3	32	0	35
Cooperatives	4	1	0	5	4	0	0	4
Federal agencies	3	0	0	3	3	0	0	3
State agencies	2	0	0	2	2	0	0	2
Irrigation districts	2	0	1	3	2	0	1	3
Investor-owned utilities	0	0	0	0	0	0	1	1
Power marketers	0	0	0	0	0	0	1	1
Wisconsin								
Public utility districts	0	0	1	1	0	0	1	1
Investor-owned utilities	0	0	1	1	0	0	3	3
Power marketers	0	0	1	1	0	0	1	1
Wyoming								
Municipalities	2	0	0	2	1	0	0	1
Cooperatives	2	0	0	2	2	1	0	3
Federal agencies	1	0	0	1	1	0	0	1
State agencies	0	0	0	0	1	0	0	1
Irrigation districts	2	0	0	2	2	0	0	2
Canada								
Power marketers	0	0	4	4	0	0	4	4
Subtotal	449	71	72	592	449	73	80	602
Project use sales	84	0	0	84	81	0	0	81
Subtotal	533	71	72	676	530	73	80	683
Interproject sales	0	0	7	7	0	0	5	5
Total	533	71	79	683	530	73	85	688

¹ Customer count includes 34 Utah Associated Municipal Power System members (31 municipalities and 3 irrigation districts).

Comparison of Cumulative 2002 and 2003 Repayment

As of September 30, 2002 and 2003 (in millions of dollars)

Project power system	Gross Operating Revenues				Income Transfers (net)				O & M and Other Expenses			
	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03
Amistad-Falcon	86	0	4	91	0	0	0	0	25	0	3	28
Boulder Canyon	1,333	(0)*	63	1,396	6	0	0	6	649	(4)	42	687
Central Arizona (Navajo)	1,760	0	109	1,869	(919)	0	(109)	(1,027)	841	0	2	843
Central Valley	5,085	(98)	326	5,313	0*	0	0	0*	844	0	58	902
Collbran	43	0*	2	44	0	0	0	0	18	0*	1	19
Colorado River Storage	3,347	0*	174	3,521	0	0	0	0	1,032	(0)*	57	1,088
Dolores	23	0	3	26	0	0	0	0	3	0*	0*	3
Fryingpan-Arkansas	205	0	14	220	0	0	0	0	56	0*	4	60
Intertie	188	0	27	215	0	0	0	0	78	0	7	85
Parker-Davis	933	0	49	983	2	0	(1)	1	482	2	25	509
Pick-Sloan Missouri Basin Program	6,250	2	338	6,590	3	0	0	3	2,684	(2)	142	2,825
Provo River	7	0	0*	7	0	0	0	0	4	0	0*	4
Rio Grande	80	0	2	82	0	0	0	0	41	0	2	43
Seedskadee	21	0	1	22	0	0	0	0	9	0*	0*	9
Washoe	3	0*	0*	3	0	0	0	0	3	(0)*	0*	3
Total	19,364	(97)	1,112	20,380	(908)	0	(110)	(1,018)	6,767	(4)	342	7,107

* Less than 500,000

Application of FY 2003 Revenue

As of September 30, 2002 and 2003 (in millions of dollars)

Project power system	Principal Repaid				Power Investment				Nonpower Investment			
	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03
Amistad-Falcon	13	0	0*	14	44	0	0	44	0	0	0	0
Boulder Canyon	285	3	4	292	548	3	0	551	25	0	0	25
Central Arizona (Navajo)	0	0	0	0	0	0	0	0	0	0	0	0
Central Valley	374	0	27	400	559	0	0	559	66	0	12	78
Collbran	12	0	0*	13	15	0	0*	16	5	0	0	5
Colorado River Storage	676	0	0*	676	1,059	0	32	1,091	2,686	0	(2)	2,684
Dolores	2	0	0*	2	36	0	(0)*	36	0	0	0	0
Fryingpan-Arkansas	11	0	0*	12	149	(0)*	2	152	0	0	0	0
Intertie	2	0	0*	2	233	(0)*	0	232	0	0	0	0
Parker-Davis	225	(8)	2	220	377	(1)	16	392	33	0	1	34
Pick-Sloan Missouri Basin Program	1,201	1	0*	1,202	2,392	(73)	65	2,384	727	0	(4)	723
Provo River	1	0	0*	1	2	0	0	2	0*	0	0	0*
Rio Grande	20	0	0*	20	14	0	0*	14	6	0	0	6
Seedskadee	6	0	1	7	8	0	0*	8	0	0	0	0
Washoe	0	0	0	0	5	0	0	5	0	0	0	0
Total	2,829	(4)	34	2,861	5,440	(72)	115	5,484	3,548	0	8	3,555

* Less than 500,000

Purchased Power Expenses				Interest Expenses				Principal Repaid				(Deficits)/Surplus			
Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03
0	0	0	0	48	0	2	50	13	0	0*	14	(0)*	0	(1)	(1)
11	0	0	11	390	(0)*	18	408	285	3	4	292	0	0	0	0
0	0	0	0	0*	0	0*	0*	0	0	0	0	1	0	(2)	1
3,502	0	137	3,639	365	0	6	372	374	0	27	400	0	(98)	98	0
0	0	0	0	1	0	0*	12	12	0	0*	13	0	0	0	0
924	0	94	1,018	716	0	26	742	676	0	0*	676	(0)*	0*	(4)	(4)
0	0	0	0	18	0	2	20	2	0	0*	2	0	(0)*	0*	0
43	0	5	48	95	0*	4	100	11	0	0*	12	0	(0)*	0*	0
0	0	0	0	159	0	20	179	2	0	0*	2	(51)	0	(0)*	(51)
24	0	2	26	183	(4)	14	193	225	(8)	2	220	22	10	3	35
1,011	0*	165	1,176	1,477	(2)*	71	1,549	1,201	1	0*	1,202	(120)	0*	(40)	(159)
0*	0	0	0*	1	0	0*	1	1	0	0*	2	0*	0	(0)*	0*
5	0	0	5	14	0	0*	14	20	0	0*	20	(0)*	0	0*	0
0	0	0	0	6	0	0*	6	6	0	1	7	0	(0)*	0*	0
0	(0)*	0*	0	4	0	0*	4	0	0	0	0	(4)	0*	(0)*	(4)
5,520	0	404	5,924	3,478	(2)	165	3,651	2,830	(4)	34	2,862	(152)	(88)	56	(183)

Total Investment				Unpaid Power Investment				Unpaid Nonpower Investment				Total Unpaid Investment			
Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03	Cum 02	Adjustments	FY 03	Cum 03
44	0	0	44	31	0	(0)*	31	0	0	0	0	31	0	(0)*	31
573	3	0	576	263	0	(4)	259	25	0	0	25	288	0	(4)	283
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
624	0	12	637	185	0	(27)	158	66	0	12	78	250	0	(15)	236
21	0	0*	21	3	0	(0)*	3	5	0	0	5	8	0	(0)*	8
3,745	0	30	3,775	383	0	31	415	2,686	0	(2)	2,684	3,069	0	29	3,099
36	0	0*	36	34	0	(0)*	34	0	0	0	0	34	0	(0)*	34
149	(0)*	2	152	138	(0)*	2	140	0	0	0	0	138	(0)*	2	140
233	(0)*	0	232	231	(0)*	0	231	0	0	0	0	231	(0)*	0	231
410	(1)	17	426	179	6	14	199	6	0	1	6	185	6	15	206
3,119	(73)	61	3,107	1,198	(74)	65	1,188	720	0	(4)	716	1,918	(74)	61	1,904
2	0	0	2	1	0	(0)*	0*	0	0	0	0	504	0	(0)*	0*
20	0	0*	20	0*	0	(0)*	0*	0	0	0	0	0*	0	(0)*	0*
8	0	0*	8	2	0	(1)	1	0	0	0	0	2	0	(1)	1
5	0	0	5	5	0	0	5	0	0	0	0	5	0	0	5
8,988	(72)	123	9,039	2,651	(68)	80	2,663	3,507	0	7	3,515	6,159	(68)	86	6,177

Western Consolidated Status of Repayment (Dollars in millions)

	Cumulative 2002	Adjustments	Annual 2003	Cumulative 2003
Revenue:				
Gross Operating Revenue	19,364	(97)	1,112	20,380
Income transfers (net)	(908)	0	(110)	(1,018)
Total Operating Revenue	18,456	(97)	1,003	19,362
Expenses:				
O & M and other	6,767	(3)	344	7,107
Purchase power and other	5,520	(0)	404	5,924
Interest				
Federally financed	3,325	(2)	156	3,479
Non-Federally financed	163	(0)	9	173
Total Interest	3,488	(2)	165	3,651
Total Expense	15,775	(5)	913	16,683
(Deficit)/Surplus revenue	(151)	(88)	55	(185)
Investment:				
Federally financed power	5,240	(72)	114	5,282
Non-Federally financed power	200	(0)	2	202
Nonpower	3,548	0	8	3,555
Total Investment	8,988	(72)	123	9,039
Investment repaid:				
Federally financed power	2,739	(4)	31	2,766
Non-Federally financed power	50	0	5	55
Nonpower	40	0	0	41
Total Investment repaid	2,829	(4)	36	2,862
Investment unpaid:				
Federally financed power	2,501	(68)	82	2,515
Non-Federally financed power	150	(0)	(3)	147
Nonpower	3,507	0	7	3,515
Total Investment unpaid	6,159	(68)	86	6,177
Fund Balances:				
Colorado River Development (G)	3	1	(1)	2
Working capital (H)	0	0	0	0
Percent of investment repaid to date:				
Federal	52.27%			52.37%
Non-Federal	25.00%			27.23%
Nonpower	1.13%			1.15%

Note: Repayment Status is mostly based on audited data as of 9/30/03.

Marketing Plan Summary

Project	Expiration Date
Boulder Canyon	Sept. 30, 2017
Central Valley	Dec. 31, 2004
Falcon-Amistad	June 8, 2033
Loveland Area Projects	Sept. 30, 2024
Parker-Davis	Sept. 30, 2008
Pick-Sloan Missouri Basin Program	Dec. 31, 2020
Provo River	Sept. 30, 2008
Salt Lake City Area Integrated Projects	Sept. 30, 2024
Washoe Project	Dec. 31, 2004

RATE ACTION SUMMARY

Rate Actions Summary

Rate order no.	Project	Type of rate action	Date of notice of public participation	Rate schedule designation	Effective date of rate (first day of first full billing period)	Projected annual incremental \$(000)	Notes	Date submitted to FERC
WAPA-85	Falcon-Amistad	Extension	N/A	N/A	6/8/99	N/A	Rate formula extension through 6/7/04	5/14/99
WAPA-87	Provo	Extension	N/A	N/A	4/1/00	N/A	Rate formula extension through 3/31/05	11/30/00
WAPA-88	Central Arizona Project	Transmission rate methodology	5/24/00	CAP-FT1 CAP-NFT1 CAP-NITS1	1/1/01 1/1/01 1/1/01	N/A	Transmission Network transmission	11/30/00 11/30/00
WAPA-93	Washoe Project	Non-firm energy rate change	3/28/00	SNF-5	10/1/02	(\$121)	Nonfirm energy	8/23/00
WAPA-94	Boulder Canyon	Increase	2/13/02	BCP-F6	10/1/02	2,722	Power	8/14/02
WAPA-95	Central Valley Project	Power and transmission rate increase	11/8/00	CV-F10 CV-FT4 CV-NT4 CV-SPR2 CV-SUR2 CV-RFS2 CV-EID2 CV-NWT2 CV-SCS1 CV-PSS2	4/1/01	82,783 ²	Power ³ Transmission, revenues included in power Nonfirm transmission ⁴ Spinning Reserve Service ⁴ Supplemental Reserve Service ⁴ Regulation and Frequency Response Service ⁴ Energy Imbalance Service ⁴ Network Transmission Service ⁴ Scheduling Coordinator Service Power Scheduling Service	4/13/01
WAPA-98	Parker-Davis (Extension of WAPA-75)	Extension Extension Extension Extension	N/A N/A N/A N/A	PD-6 PD-FT6 ¹ PD-NFT6 ¹ PD-FACT6 ¹	10/1/02 10/2/02 10/3/02 10/4/02	N/A N/A N/A N/A	Power Transmission Nonfirm transmission Transmission	9/13/02 9/14/02 9/15/02 9/16/02
WAPA-99	Salt Lake City Area Integrated Projects Firm Power	Increase	3/6/02	SLIP-F7	10/1/02	28,000	N/A	9/12/02
WAPA-99	Colorado River Storage Project Transmission	Increase	3/6/02	SP-PTP6, SP-NFT5, SP-NW2	10/1/02	N/A	N/A	9/12/02
WAPA-99	Colorado River Storage Project Ancillary Services	N/A	3/6/02	SP-SD2, SP-RS2, SP-EI2, SP-FR2, SP-SSR2	10/1/02	N/A	N/A	9/12/02
WAPA-101	Loveland Area Projects/Western Area Colorado Missouri	Rate extension	N/A		4/1/98	\$0	Rate extended through 3/31/04	N/A
WAPA-102	Pick-Sloan Missouri Basin Program—Eastern Division	Extension	N/A	P-SED-F6	10/1/94	N/A	N/A	N/A
WAPA-102	Pick-Sloan Missouri Basin Program—Eastern Division	Extension	6/13/03	P-SED-FP6	N/A	N/A	N/A	N/A
WAPA-103	Loveland Area Projects	Rate extension	N/A		10/1/94	\$0	Rate extended through 3/31/2004	N/A
WAPA-105	Loveland Area Projects	Increase	6/13/03		2/1/04 10/1/04	\$3,559 \$934	Step one firm electric service rates Two step firm electric service rates	12/29/03
WAPA-106	Loveland Area Projects/Western Area Colorado Missouri	Decrease	6/13/03		3/1/04	(\$1,795)	Transmission services rates	1/2/04
WAPA-106	Loveland Area Projects/Western Area Colorado Missouri	Increase	6/13/03		3/1/04	\$602	Ancillary services	1/2/04
WAPA-108	Intertie	Transmission	5/23/03	INT-FT2	12/31/03	\$0	Rate extension	9/12/03
WAPA-110	Pick-Sloan Missouri Basin Program—Eastern Division	Firm Electric Service rate adjustment	6/6/03	P-SED-F7	2/1/04	N/A	N/A	N/A
WAPA-111	Pick-Sloan Missouri Basin Program—Eastern Division	Firm Peaking Power rate adjustment	6/6/03	P-SED-FP7	2/1/04	N/A	N/A	N/A

¹ There was an overall decrease in the annual revenue requirement, but the rate increased due to a decrease in firm transmission sales used to calculate the rate.

² This is the annual average revenue increase over the rate case period for CVP power and transmission.

³ The revenue for the power rates include the transmission revenue.

⁴ Revenue from ancillary services and nonfirm transmission was not projected in the rate case as these are sold on an "as available" basis.

⁵ Energy Imbalance Service revenue collected is used to offset purchase power costs incurred to balance resources and loads within Western Area Colorado Missouri control area.

Summary of Current Wholesale Rate Schedule Provisions

Project	Rate schedule designation	Monthly Rate		Effective date	Annual composite rate
		Capacity charge \$/kW of billing demand	Energy charge not in excess of delivery obligations (mills/kWh)		
Boulder Canyon Project	BCP-F6	1.08	5.58 mills/kWh	10/1/02	11.16 mills/kWh
Central Valley Project	CV-F10	3.89	18.22	10/1/02	24.63 mills/kWh
Loveland Area Projects	L-F4	2.85	10.85 mills/kWh	10/1/94	21.70 mills/kWh
Parker-Davis Project	PD-F6	0.77-Generation 1.08-Transmission	1.75 mills/kWh	10/1/02	5.89 mills/kWh
Pick-Sloan Missouri Basin Program— Eastern Division	P-SED-F6	\$3.20	8.32 mills/kWh for all energy 3.38 mills/kWh for all energy above 60% load factor	10/1/94	14.23 mills/kWh
Salt Lake City Area Integrated Projects	SLIP-F7	\$4.04	9.50 mills/kWh	10/1/02	20.72 mills/kWh
Washoe Project	SNF-5	None	Formula rate Floor: 17.89 mills/kWh Ceiling: 90.07 mills/kWh	10/1/02	N/A

Transmission and Ancillary Rate Provisions

Project	Rate schedule designation	Rate
Central Valley Project	CV-FT4, Firm Transmission Service	\$0.57 kW-mo, formula rate
	CV-NFT4, Nonfirm Transmission Service	1 mill/kWh
	CV-TPT5, Third Party Transmission	Pass through cost
	CV-SPR2, Spinning Reserve Service	\$2.946 kW/mo.
	CV-SUR2, Supplemental Reserve Service	\$2.491 kW/mo.
	CV-RFS2, Regulation and Frequency Response Service	\$2.496 kW/mo.
	CV-NWT2, Network Transmission Service	Formula rate
	CV-EID2, Energy Imbalance Service	Within deviation band: Accumulated deviations (in MW units) are to be corrected or eliminated within 30 days. Any net deviations accumulated at the end of the month (positive or negative) are to be exchanged with like hours or energy or charged at the effective CVP firm power rate. Outside deviation band: (i) Positive deviation - the greater of no charge, or any additional cost incurred. (ii) Negative deviation - during on-peak hours, the greater of three times the rate for CVP firm power or any additional cost incurred. During off-peak hours, the greater of the rate for CVP firm power or any additional cost incurred.
Loveland Area Projects	L-NT1, Network Integration Transmission Service	Load ratio share of 1/12 of the revenue requirement of \$40,570,808
	L-FPT1, Firm Transmission Service	\$2.88/kW-month or \$34.57/kW-year
	L-NFPT1, Nonfirm Transmission Service	3.75 mills/kWh (Maximum)
	L-AS1, Scheduling, System Control, and Dispatch Service	\$43.09/schedule/day
	L-AS2, Reactive Supply and Voltage Control from Generation Sources Service	\$0.103/kW/month
	L-AS3, Regulation and Frequency Response Service	\$0.164/kW/month
	L-AS4, Energy Imbalance Service (Effective 7/01/02)	Established ± 5% bandwidth. Within band, credits/debits equal to 100% of LAP real-time avg. hourly sales/purchase pricing. Outside band, credits equal to 50% of LAP real-time avg. Hourly sales pricing; debits equal to 150% of LAP real-time avg. hourly prices.
	L-AS5, Operating Reserve - Spinning Reserve Service	Pass-through cost
L-AS6, Operating Reserve - Supplemental Reserve Service	Pass-through cost	

Transmission and Ancillary Rate Provisions, continued

Project	Rate schedule designation	Rate
Pacific NW-SW Intertie	INT-FT3, firm point-to-point transmission; 230/345-kV transmission system	\$12 per kW per year (\$1.00 per kW per month)
	INT-FT3, short-term firm point-to-point transmission; 230/345-kV transmission system	Yearly \$12.00 per kW Monthly \$1.00 per kW Weekly \$0.23 per kW Daily \$0.03 per kW Hourly \$0.00137 per kWh
	INT-NTS1, Network Transmission Service	Customer's load ratio share times 1/12 of the total net annual transmission revenue requirement.
	DSW-SD1, Scheduling, System Control & Dispatch Ancillary Service ¹	\$64.05 - \$88.90/schedule/day
	DSW-RS1, Reactive Supply and Voltage Control Ancillary Service	\$0.05/kW/mo
	DSW-EI1, Energy Imbalance Ancillary Service	100 mills penalty may be charged
	DSW-FR1, Regulation & Frequency Response Ancillary Service	If available, equal to capacity charge of project.
	DSW-SPR1, Spinning & Supplemental Reserve Ancillary Service	None available on long-term basis; Market price if available on non-firm basis; or procurement cost plus 10% administrative charge.
	DSW-SUR1, Supplemental Reserve Ancillary Service	None available on long-term basis; Market price if available on non-firm basis; or procurement cost plus 10% administrative charge.
	Parker-Davis Project	PD-FT6, Firm Transmission Service
Pick-Sloan Missouri Basin Program		
9/1/02 -4/30/03	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of \$108,565,655
	Integrated System Firm Point-to-Point Rate	\$2.39/kW/mo
	Integrated System Nonfirm Point-to-Point Rate	\$3.27 m/kWh
	Regulation and Frequency Response Service	\$0.04/kW/mo
	Operating Reserve - Spinning Reserve Service	\$0.10/kW/mo
	Operating Reserve - Supplemental Reserve Service	\$0.10/kW/mo
	Scheduling, System Control and Dispatch Service	\$44.53/schedule/day
5/1/03 -9/30/03	Reactive Supply & Voltage Control Service	\$0.06/kW/mo
	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of \$117,980,348
	Integrated System Firm Point-to-Point Rate	\$2.45/kW/mo
	Integrated System Nonfirm Point-to-Point Rate	3.36 mills/kWh
	Regulation and Frequency Response Service	\$0.04/kW/mo
	Operating Reserve - Spinning Reserve Service	\$0.11/kW/mo
	Operating Reserve - Supplemental Reserve Service	\$0.11/kW/mo
Salt Lake City Area Integrated Projects	Scheduling, System Control and Dispatch Service	\$56.40/schedule/day
	Reactive Supply & Voltage Control Service	\$0.06/kW/mo
	SP-PTP6, Firm Point-to-Point Transmission Service	\$2.06 per kW per month.
	SP-NW2, Network Integration Transmission Service	Network customer's load ratio share times 1/12 total test year net annual revenue requirement.
	SP-NFT5, Nonfirm Point-to-Point Transmission Service	Mutually agreed by Western and purchasing entity up to 2.82 mills/kWh.
	SP-SD2, Scheduling System Control & Dispatch Service	Included in transmission rate. RM and DSW rate schedules apply for non-transmission, accordingly.
	SP-RS2, Reactive & Voltage Control Service	RMS and DSW rate schedules apply accordingly.
	SP-EI2, Energy Imbalance Service	RMS and DSW rate schedules apply accordingly.
	SP-FR2, Regulation & Frequency Response Service	\$4.04 per kW per month if available, or RMR and DSW rate schedules apply accordingly.
	SP-SSR2, Spinning and Supplemental Reserves Service	Rate under the Western Systems Power Pool (WSPP) contract.

¹ Western Area Lower Colorado Ancillary Service - These service charges apply to the AC Intertie, Parker-Davis, CRSP, and CAP transmission systems for transactions under Western's Open Access Transmission Tariff.