

# 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 actions summary	39

# System Data

System profile As of September 30, 2004

	Boulder Canyon	Central Arizona	Central Valley Project	Falcon-Amistad	Loveland Area Projects	Pacific NW-SW Intertie
<b>Transmission lines</b>						
Circuit miles	53	37	865	0	3,356	862
Circuit kilometers	86	60	1,391	0	5,401	1,387
<b>Land</b>						
Acres	1,171	0	11,654	0	36,543	23,126
Hectares	474	0	4,718	0	14,795	9,363
<b>Facilities</b>						
Number of substations	4	6	20	0	69	9
Number of powerplants	1	1	11	2	19.5	0
<b>Revenues</b>						
Total power revenues - \$	51,769,331	86,066,023	224,243,180	4,454,758	66,135,770	0
Firm power revenues - \$	51,769,331	86,066,023	198,736,827	0	46,724,708	0
Nonfirm power revenues - \$	0	0	14,736,353	4,454,758	11,917,627	0
Project use revenues - \$	0	0	10,770,000	0	27,622	0
Interproject revenues - \$	0	0	0	0	7,465,814	0
Customers <sup>1</sup>	15	1	108	2	60	0

	Parker- Davis	Pick-Sloan Missouri Basin— Eastern Division	Provo River	Salt Lake City Area Integrated Projects	Washoe	Total Western
<b>Transmission lines</b>						
Circuit miles	1,568	7,919	0	2,277	0	16,938
Circuit kilometers	2,524	12,741	0	3,664	0	27,253
<b>Land</b>						
Acres	21,482	91,798	0	35,611	0	221,385
Hectares	8,697	37,165	0	14,418	0	89,630
<b>Facilities</b>						
Number of substations	45	88	0	31	0	272
Number of powerplants	2	7.5	1	11	1	57
<b>Revenues</b>						
Total power revenues - \$	0	234,168,081	293,436	158,271,544	241,931	825,644,054
Firm power revenues - \$	0	149,689,579	0	109,432,888	0	642,419,356
Nonfirm power revenues - \$	0	84,161,632	293,436	42,194,953	241,931	158,000,690
Project use revenues - \$	0	139,805	0	2,909,109	0	13,846,536
Interproject revenues - \$	0	177,065	0	3,734,594	0	11,377,473
Customers <sup>1</sup>	27	365	2	155	1	736

<sup>1</sup> Double counting of customers between projects occurs when more than one project sells power to the same customer. Total count of 736 includes project use and interproject customers. However, double counts are eliminated in the Westernwide total on pages 31, 34 and 35.

# Facilities

## Buildings, Communications Summary

Project	Number of Buildings	Number of Communications Sites	Fee Area		Withdrawal Area <sup>1</sup>		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 Project	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 Project	58	51	0	0	0	0	7	3
Pick-Sloan Missouri Basin – Eastern Division	185	178	184	74	0	0	177	72
Salt Lake City Area Integrated Projects	72	64	46	18	0	0	1	0
<b>Western total</b>	<b>561</b>	<b>435</b>	<b>286</b>	<b>116</b>	<b>0</b>	<b>0</b>	<b>219</b>	<b>89</b>

<sup>1</sup> 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 <sup>1</sup>		Easement Area	
		Number	Capacity	Acres	Hectares	Acres	Hectares	Acres	Hectares
Boulder Canyon	4	1	125,000	0	0	0	0	3	1.04
Central Arizona (Navajo)	6	0	0	0	0	0	0	0	0
Central Valley Project	20	18	1,312,420	362	147	0	0	0	0
Loveland Area Projects	69	67	1,812,700	442	179	0	0	139	56
Pacific NW-SW Intertie	9	9	5,831,330	316	128	4,403	1,782	86	35
Parker-Davis Project	45	25	1,633,500	322	130	115	47	63	26
Pick-Sloan Missouri Basin – Eastern Division	88	130	8,867,570	1,637	663	23	9	6	2
Salt Lake City Area Integrated	31	34	5,804,640	768	311	128	52	50	20
<b>Western total</b>	<b>272</b>	<b>284</b>	<b>25,387,160</b>	<b>3,847</b>	<b>1,557</b>	<b>4,669</b>	<b>1,889</b>	<b>346</b>	<b>140</b>

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

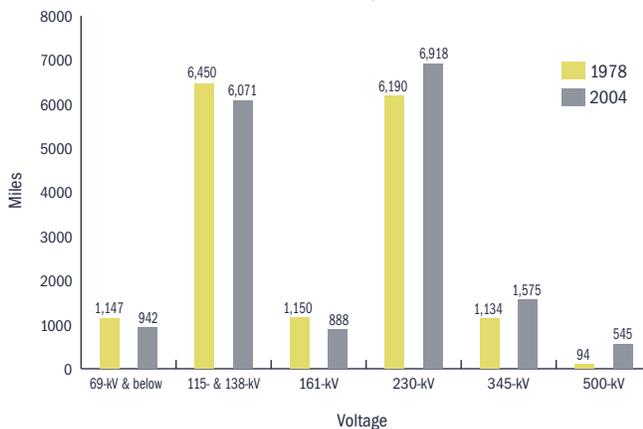
# Transmission Lines (in circuit miles)

State	500-kV		345-kV		230-kV		161-kV	
	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers
Arizona	232.00	373.29	703.63	1,132.14	852.17	1,371.14	154.30	248.27
California	288.40	464.04	-	-	844.09	1,358.14	203.56	327.53
Colorado	-	-	315.75	508.04	702.35	1,130.08	-	-
Iowa	-	-	20.33	32.71	164.52	264.71	229.13	368.67
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	152.43	245.26	-	-
New Mexico	-	-	22.14	35.62	58.17	93.60	-	-
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	-	-
<b>Total</b>	<b>544.50</b>	<b>876.10</b>	<b>1,574.57</b>	<b>2,533.48</b>	<b>6,917.94</b>	<b>11,130.97</b>	<b>888.22</b>	<b>1,429.15</b>

State	138-kV		100-115-kV		69-kV & Below		Total Western	
	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers
Arizona	-	-	372.55	599.43	121.88	196.10	2,436.53	3,920.38
California	-	-	8.75	14.08	49.90	80.29	1,394.70	2,244.07
Colorado	211.53	340.35	791.23	1,273.09	99.43	159.98	2,120.29	3,411.55
Iowa	-	-	-	-	-	-	413.98	666.09
Minnesota	-	-	14.99	24.12	-	-	262.32	422.07
Missouri	-	-	-	-	-	-	17.95	28.88
Montana	-	-	598.44	962.89	73.86	118.84	1,516.43	2,439.94
Nebraska	-	-	417.26	671.37	69.44	111.73	749.48	1,205.91
Nevada	-	-	-	-	3.40	5.47	191.03	307.37
New Mexico	-	-	-	-	2.63	4.23	82.94	133.45
North Dakota	-	-	884.96	1,423.90	151.76	244.18	2,112.17	3,398.48
South Dakota	-	-	1,343.25	2,161.29	7.06	11.36	3,386.94	5,449.59
Utah	118.66	190.92	-	-	0.32	0.51	135.96	218.76
Wyoming	-	-	1,309.60	2,107.15	362.01	582.47	2,117.42	3,406.93
<b>Total</b>	<b>330.19</b>	<b>531.28</b>	<b>5,741.03</b>	<b>9,237.32</b>	<b>941.69</b>	<b>1,515.18</b>	<b>16,938.14</b>	<b>27,253.47</b>

## Transmission Lines in Service

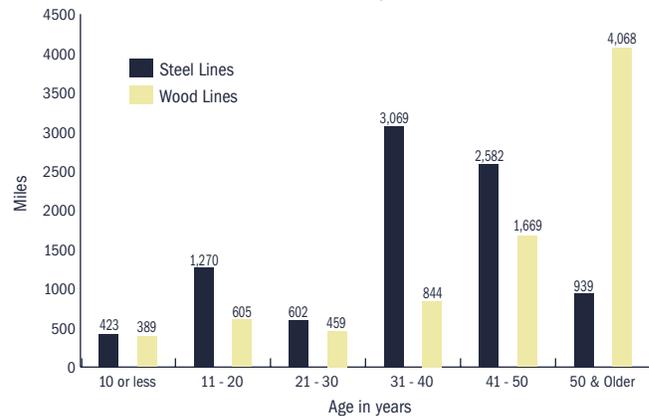
as of Oct. 1, 2004



Total miles of lines  
 1978 - 16,165 miles  
 2004 - 16,938 miles

## Transmission Line Age

as of Oct. 1, 2004



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.  
 Western owns 20 miles of concrete lines that do not appear in this graph.

# Resources

## Energy Resource and Disposition

	GWh	
	FY 2004	FY 2003
<b>Energy resource</b>		
Net generation	28,314	28,811
Interchange <sup>1</sup>		
OEA Deferred	230	394
Received	1,127	1,069
Delivered	632	796
Net	725	667
Purchases		
NonWestern	12,897	12,148
Western	269	487
<b>Total purchases</b>	<b>13,166</b>	<b>12,635</b>
<b>Total energy resources</b>	<b>42,205</b>	<b>42,113</b>
<b>Energy disposition</b>		
Sales of electric energy		
Western sales	37,572	37,763
Project use sales	1,678	1,770
<b>Total energy sales</b>	<b>39,250</b>	<b>39,533</b>

	GWh	
	FY 2004	FY 2003
<b>Other</b>		
Interproject sales	376	437
Other deliveries/losses <sup>2</sup>	810	856
<b>Total other</b>	<b>1,186</b>	<b>1,293</b>
<b>Total energy delivered<sup>3</sup></b>	<b>40,436</b>	<b>40,826</b>
System and contractual losses <sup>4</sup>	1,769	1,287
<b>Total energy disposition</b>	<b>42,205</b>	<b>42,113</b>

<sup>1</sup> Parker-Davis: Western Area Lower Colorado scheduled interchange.

<sup>2</sup> Parker-Davis: Operating Energy Account & Southwest Operating Group Deposits.

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

<sup>4</sup> Loveland Area Projects: Negative system and contractual losses are due to overdeliveries by others in the control area causing energy imbalance.

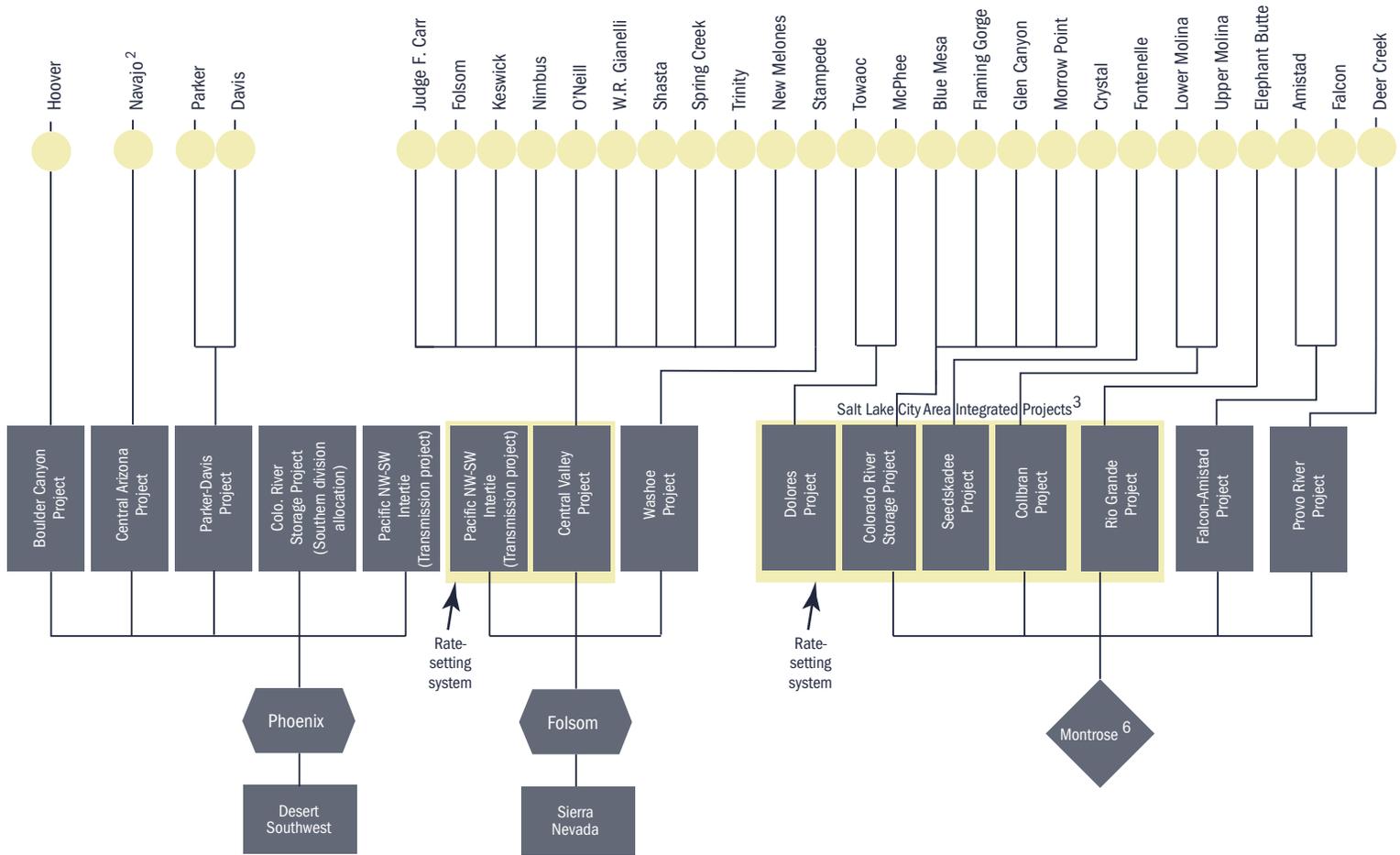
## Capability and Net Generation

Project	Number of Units	Installed capability FY 2004 (MW)	Actual Operating Capability (MW)		Net Generation (GWh)	
			July 1, 2003	July 1, 2004	FY 2003	FY 2004
Boulder Canyon	19	2,079	1,840	1,731	4,094	4,021
Central Arizona	3	547	547	547	4,071	4,388
Central Valley	39	1,977	1,676	1,837	5,175	5,438
Falcon-Amistad	5	98	98	98	51	9
Loveland Area Projects	39	830	780	693	1,549	1,631
Parker-Davis	9	309	309	309	1,374	1,397
Pick-Sloan Missouri Basin Program-Eastern Division	41	2,610	2,253	2,136	8,203	7,379
Provo River	2	5	5	5	15	14
Salt Lake City Area/ Integrated Projects	24	1,802	1,800	1,800	4,269	4,023
Washoe	1	4	3	4	10	13
<b>Totals</b>	<b>182</b>	<b>10,261</b>	<b>9,310</b>	<b>9,159</b>	<b>28,811</b>	<b>28,314</b>

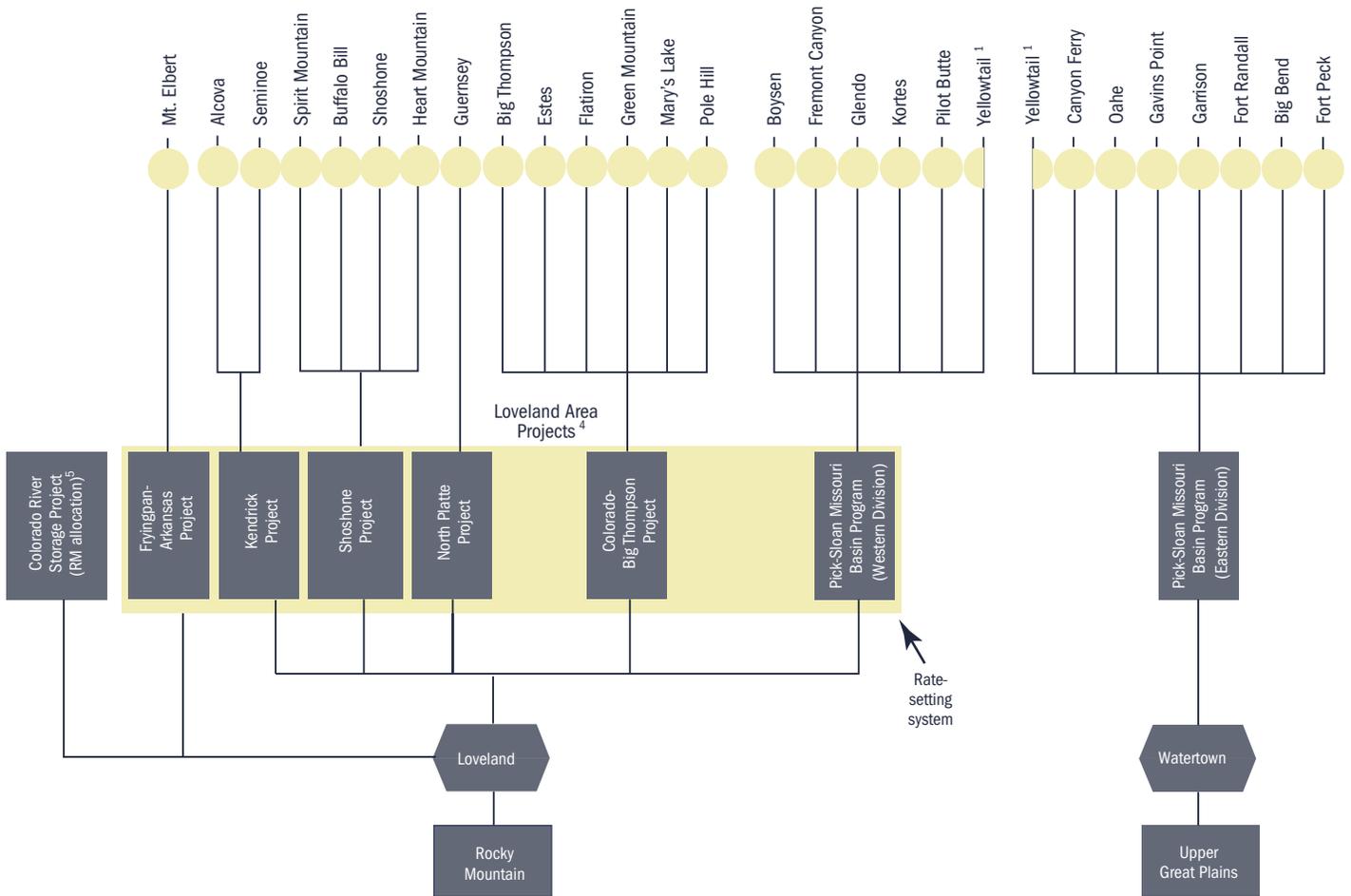
## Capability and Net Generation by State

State	Number of units	Installed capability FY 2004 (MW)	Actual Operating Capability (MW)		Net Generation (GWh)	
			July 1, 2003	July 1, 2004	FY 2003	FY 2004
Arizona	26	3,137	3,018	2,964	10,778	10,888
California	44	2,035	1,733	1,895	5,417	5,680
Colorado	22	730	685	617	1,262	1,330
Montana	12	485	465	435	1,462	1,300
North Dakota	5	518	346	315	1,842	1,545
Nevada	9	1,039	920	866	2,047	2,010
New Mexico	3	28	28	28	32	28
South Dakota	26	1,732	1,574	1,510	5,055	4,693
Texas	5	98	98	98	51	9
Utah	5	157	157	157	249	248
Wyoming	25	301	287	276	616	583
<b>Totals</b>	<b>182</b>	<b>10,261</b>	<b>9,310</b>	<b>9,159</b>	<b>28,811</b>	<b>28,314</b>

# Power Marketing System



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



<sup>1</sup> 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.

<sup>2</sup> Coal-fired generation.

<sup>3</sup> These resources are integrated for marketing and operation purposes.

<sup>4</sup> These resources are integrated for marketing, operation and repayment purposes.

<sup>5</sup> Power marketed from Colorado River Storage Project resources.

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

# Powerplants As of September 30, 2004

Project/state/plant name	Operating agency	River	Initial In-service date	Existing number of units	Installed capability <sup>1</sup> FY 2004 (MW)	Actual Operating Capability (MW)		Net Generation (GWh) <sup>2</sup>	
						7/1/03	7/1/04	FY 2003	FY 2004
<b>Boulder Canyon</b>									
Arizona-Nevada									
Hoover	Reclamation	Colorado	Sep 36	19	2,079 <sup>3</sup>	1,840	1,731	4,094	4,021
<b>Boulder Canyon Total</b>				<b>19</b>	<b>2,079</b>	<b>1,840</b>	<b>1,731</b>	<b>4,094</b>	<b>4,021</b>
<b>Central Arizona</b>									
Arizona									
Navajo	SRP	N/A <sup>4</sup>	May 74	3	547 <sup>5</sup>	547	547	4,071	4,388
<b>Central Arizona Total</b>				<b>3</b>	<b>547</b>	<b>547</b>	<b>547</b>	<b>4,071</b>	<b>4,388</b>
<b>Central Valley</b>									
California									
J.F. Carr	Reclamation	Clear Creek Tunnel	May 63	2	154	150	154	433	493
Folsom	Reclamation	American	May 55	3	199	138	199	550	491
Keswick	Reclamation	Sacramento	Oct 49	3	117	69	117	468	469
New Melones	Reclamation	Stanislaus	Jun 79	2	300	320	300	362	341
Lewiston	Reclamation	Trinity	Feb 64	1	0.35	0.35	0.35	3	3
Nimbus	Reclamation	American	May 55	2	14	7	14	65	55
O'Neill <sup>6</sup>	Reclamation	San Luis Creek	Dec 67	6	25 <sup>6</sup>	0	25	3	6
Shasta	Reclamation	Sacramento	Jun 44	7	646 <sup>11</sup>	620	640	2,168	2,207
Spring Creek	Reclamation	Spring Creek Tunnel	Feb 64	2	180	180	180	547	581
Trinity	Reclamation	Trinity	Feb 64	3	140	130	140	514	593
W.R. Gianelli <sup>6</sup>	CDWR	San Luis Creek	Mar 68	8	202 <sup>12</sup>	62	68	65	199
<b>Central Valley Total</b>				<b>39</b>	<b>1,977</b>	<b>1,676</b>	<b>1,837</b>	<b>5,175</b>	<b>5,438</b>
<b>Falcon-Amistad</b>									
Texas									
Amistad	IBWC	Rio Grande	Jun 83	2	66 <sup>7</sup>	66	66	23	(1)
Falcon	IBWC	Rio Grande	Oct 54	3	32 <sup>7</sup>	32	32	28	10
<b>Falcon-Amistad Total</b>				<b>5</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>51</b>	<b>9</b>
<b>Loveland Area Projects</b>									
Colorado									
Big Thompson	Reclamation	Trans-Mtn. Div.	Apr 59	1	5	4	4	10	10
Estes	Reclamation	Trans-Mtn. Div.	Sep 50	3	45	30	45	75	107
Flatiron <sup>6</sup>	Reclamation	Trans-Mtn. Div.	Jan 54	3	95 <sup>10</sup>	86	95	191	227
Green Mountain	Reclamation	Blue	May 43	2	26	13	13	17	27
Mary's Lake	Reclamation	Trans-Mtn. Div.	May 51	1	8	0	8	16	38
Mount Elbert <sup>6</sup>	Reclamation	Arkansas	Oct 81	2	200	206	106	355	344
Pole Hill	Reclamation	Trans-Mtn. Div.	Jan 54	1	38	32	32	153	179
Montana									
Yellowtail <sup>9</sup>	Reclamation	Big Horn	Aug 66	2	125	132	124	155	160
Wyoming									
Alcova	Reclamation	North Platte	Jul 55	2	41	39	39	75	69
Boysen	Reclamation	Big Horn	Aug 52	2	15	15	15	24	29
Buffalo Bill	Reclamation	Shoshone	May 95	3	18	18	12	44	47
Fremont Canyon	Reclamation	North Platte	Dec 60	2	67	67	67	151	143
Glendo	Reclamation	North Platte	Dec 58	2	38	38	38	46	46
Guernsey	Reclamation	North Platte	Jul 99	2	6	0	6	4	10
Heart Mountain	Reclamation	Shoshone	Dec 48	1	5	5	5	18	9
Kortes	Reclamation	North Platte	Jun 50	3	36	36	24	100	83
Pilot Butte	Reclamation	Wind	Jan 99	2	2	0	1	2	4
Seminole	Reclamation	North Platte	Aug 39	3	52	51	51	81	63
Shoshone	Reclamation	Shoshone	May 95	1	3	3	3	15	18
Spirit Mountain	Reclamation	Shoshone	May 95	1	5	5	5	15	17
<b>Loveland Area Projects Total</b>				<b>39</b>	<b>830</b>	<b>780</b>	<b>693</b>	<b>1,549</b>	<b>1,631</b>
<b>Parker-Davis</b>									
Arizona									
Davis	Reclamation	Colorado	Jan 51	5	255	255	255	1,142	1,169
California									
Parker	Reclamation	Colorado	Dec 42	4	54 <sup>8</sup>	54	54	231	228
<b>Parker-Davis Total</b>				<b>9</b>	<b>309</b>	<b>309</b>	<b>309</b>	<b>1,374</b>	<b>1,397</b>

Project/state/plant name	Operating agency	River	Initial In-service date	Existing number of units	Installed capability <sup>1</sup> FY 2004 (MW)	Actual Operating Capability (MW)		Net Generation (GWh) <sup>2</sup>	
						7/1/03	7/1/04	FY 2003	FY 2004
<b>Pick-Sloan—Eastern Division</b>									
Montana									
Canyon Ferry	Reclamation	Missouri	Dec 53	3	50	60	60	320	237
Fort Peck	Corps	Missouri	Jul 43	5	185	143	133	831	744
Yellowtail <sup>11</sup>	Reclamation	Big Horn	Aug 66	2	125	130	118	155	160
North Dakota									
Garrison	Corps	Missouri	Jan 56	5	518	346	315	1,842	1,545
South Dakota									
Big Bend	Corps	Missouri	Oct 64	8	494	506	493	839	772
Fort Randall	Corps	Missouri	Mar 54	8	320	347	355	1,496	1,475
Gavins Point	Corps	Missouri	Sep 56	3	132	113	109	709	691
Oahe	Corps	Missouri	Apr 62	7	786	608	553	2,011	1,755
<b>Pick-Sloan Eastern Division Total</b>				<b>41</b>	<b>2,610</b>	<b>2,253</b>	<b>2,136</b>	<b>8,203</b>	<b>7,379</b>
<b>Provo River</b>									
Utah									
Deer Creek	PRWUA	Provo	Feb 58	2	5	5	5	15	14
<b>Provo River Total</b>				<b>2</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>15</b>	<b>14</b>
<b>Salt Lake City Area/Integrated Projects</b>									
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 64	8	1,296	1,296	1,296	3,518	3,320
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 67	2	86	86	86	129	141
Crystal	Reclamation	Gunnison	Sep 78	1	28	28	28	94	4
Lower Molina	Reclamation	Pipeline	Dec 62	1	5	5	5	10	14
McPhee	Reclamation	Dolores	Jun 93	1	1	1	1	0	3
Morrow Point	Reclamation	Gunnison	Dec 70	2	173	173	173	186	194
Towaoc	Reclamation	Canal	Jun 93	1	11	11	11	6	16
Upper Molina	Reclamation	Pipeline	Dec 62	1	9	9	9	17	25
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 40	3	28	28	28	32	28
Utah									
Flaming Gorge	Reclamation	Green	Nov 63	3	152	152	152	234	234
Wyoming									
Fontenelle	Reclamation	Green	May 68	1	13	10	10	41	45
<b>Salt Lake City Area/Integrated Projects Total</b>				<b>24</b>	<b>1,802</b>	<b>1,800</b>	<b>1,800</b>	<b>4,269</b>	<b>4,023</b>
<b>Washoe</b>									
California									
Stampede	Reclamation	Little Truckee	Dec 86	1	4	4	4	10	13
<b>Washoe Total</b>				<b>1</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>10</b>	<b>13</b>
<b>Grand Total</b>				<b>182</b>	<b>10,261</b>	<b>9,310</b>	<b>9,159</b>	<b>28,811</b>	<b>28,314</b>

<sup>1</sup> Installed operating capability is the maximum generating capability of the units at unity power factor without exceeding the specified heat rise on each unit and independent of water constraints.

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

<sup>3</sup> Excludes 4.8 MW reserved for plant use but included in number of units.

<sup>4</sup> Coal-fired powerplant.

<sup>5</sup> United States' share (24.3 percent) of 2,250 MW plant capability.

<sup>6</sup> Pump/generating plant.

<sup>7</sup> Federal share of 424 MW capability.

<sup>8</sup> United States' share (50 percent) of plant capability.

<sup>9</sup> RM and UGP each market half of the plant capability and energy.

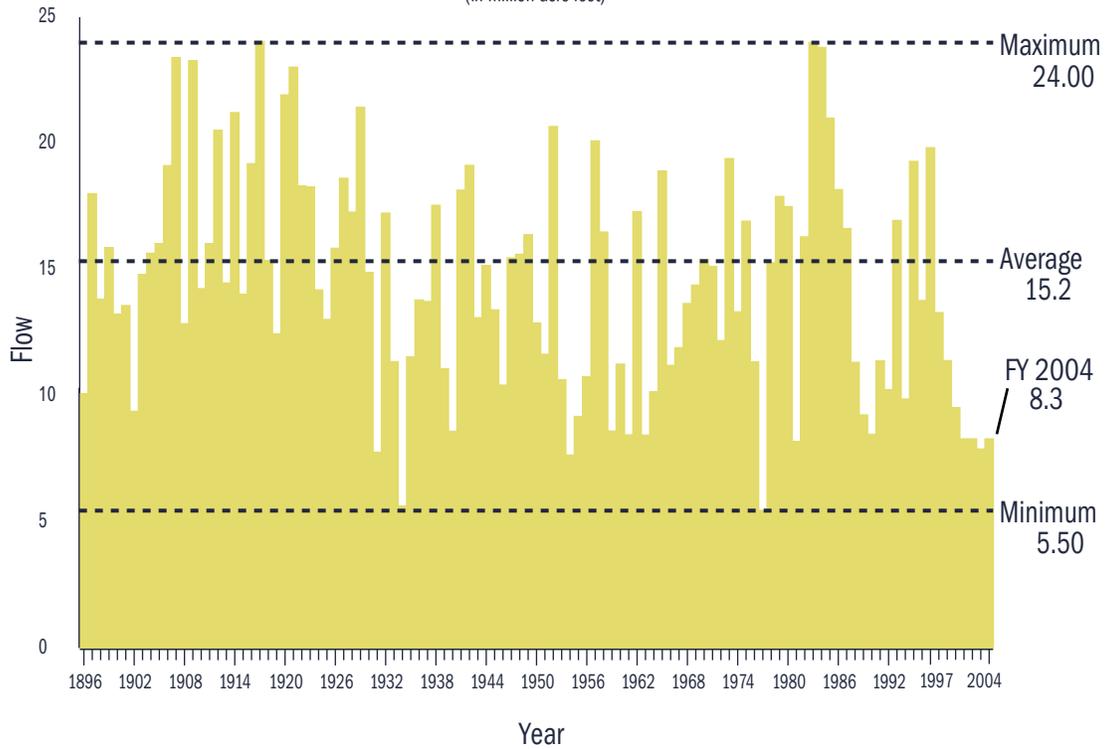
<sup>10</sup> Only Unit 3 has pump/generation capability.

<sup>11</sup> Total number of units includes two station service units. Station service units' capacity is not included.

<sup>12</sup> United States' share (47.67%) of plant capacity.

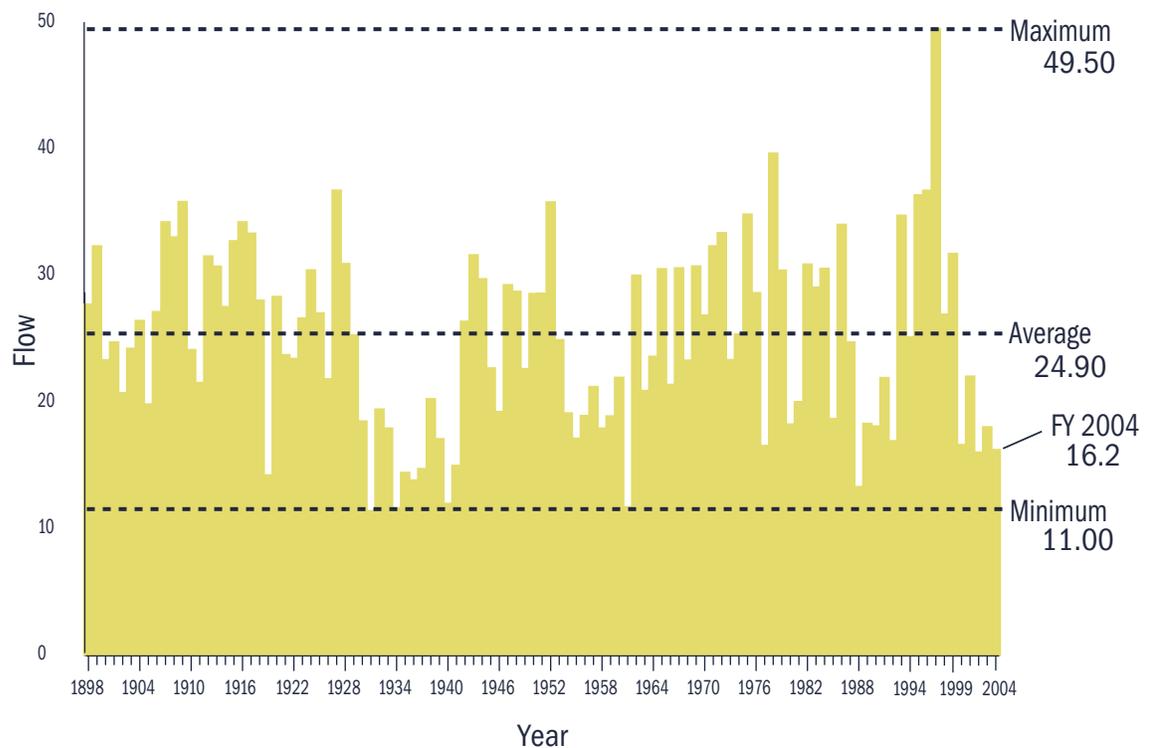
## Colorado River Flow at Lees Ferry, Arizona

(in million acre-feet)



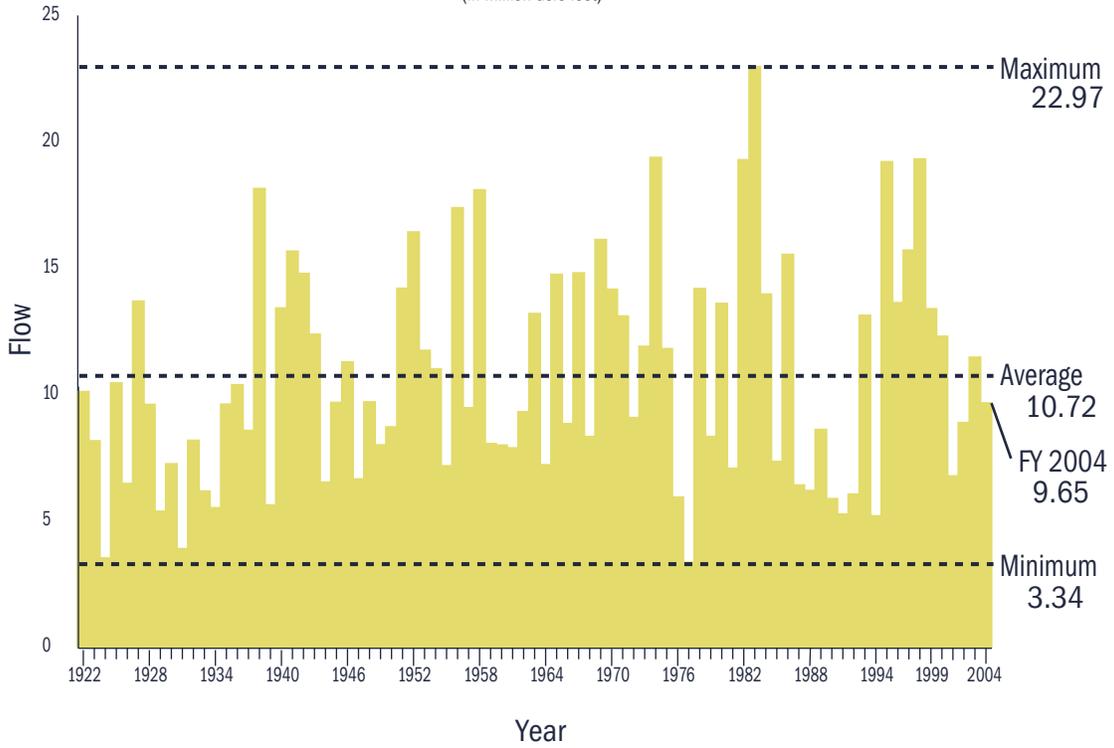
## Missouri River Flow at Sioux City, Iowa

(in million acre-feet)



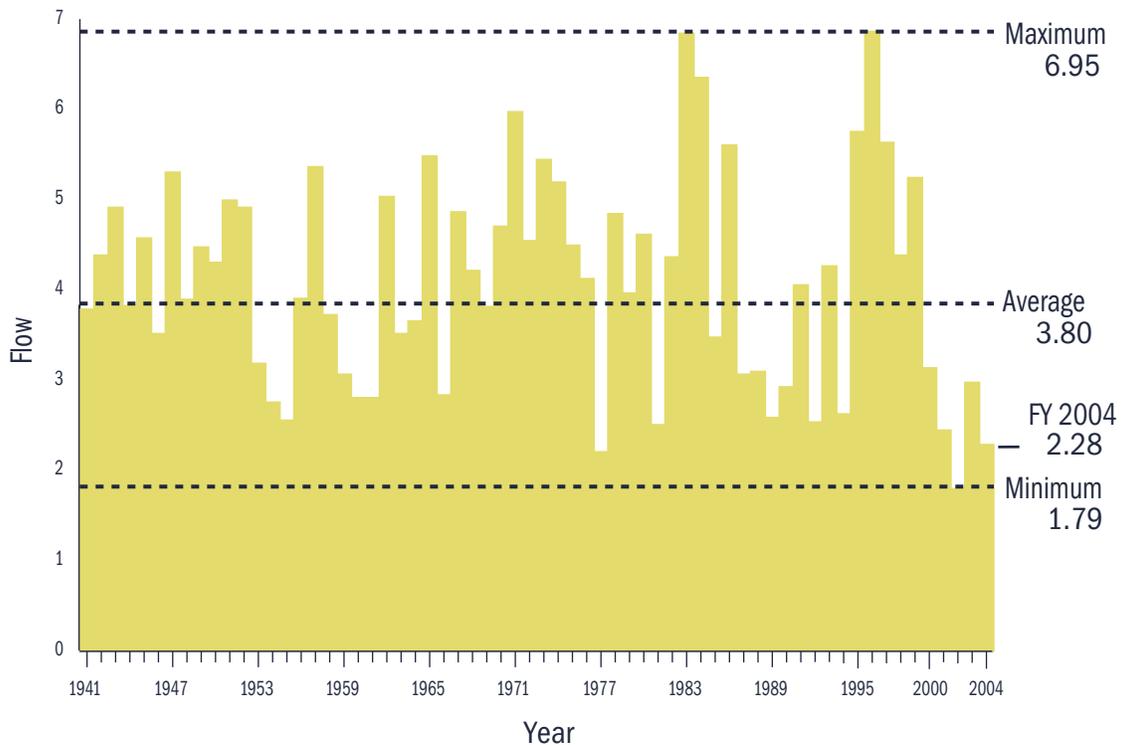
**Sacramento and San Joaquin Rivers  
Annual Flow to Trinity, Shasta, Folsom  
and New Melones Reservoirs**

(in million acre-feet)

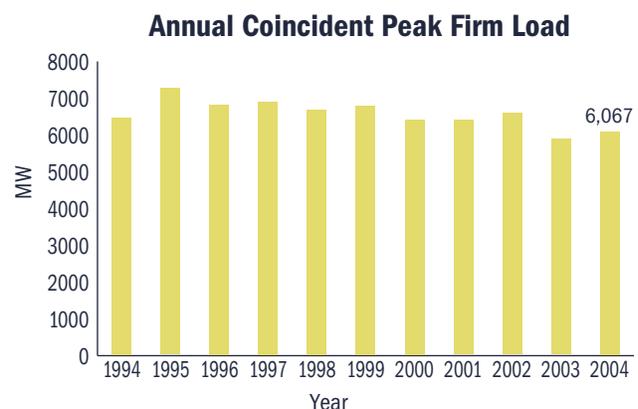
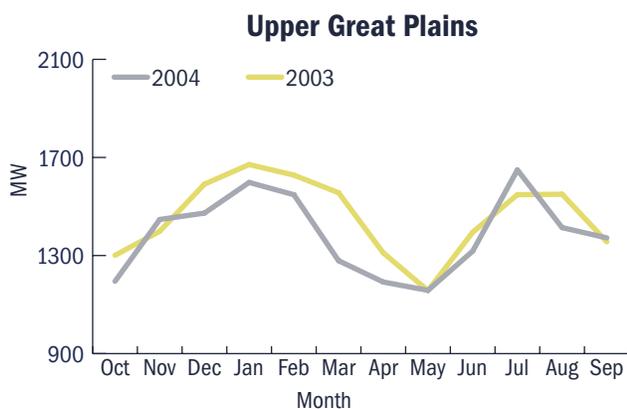
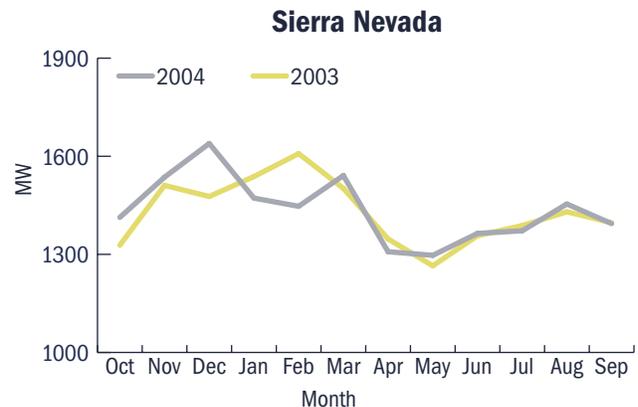
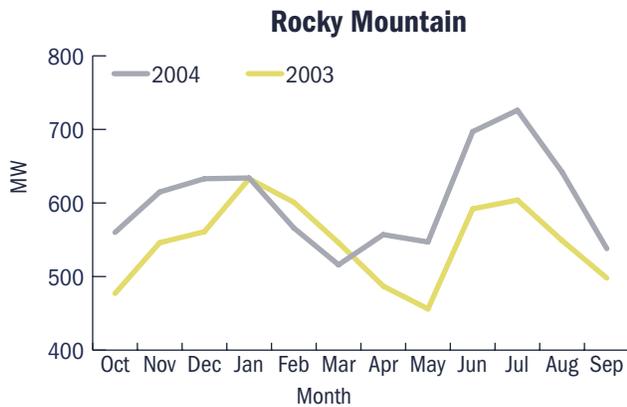
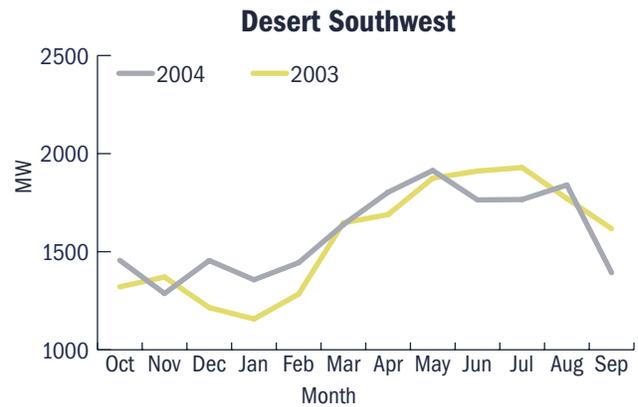
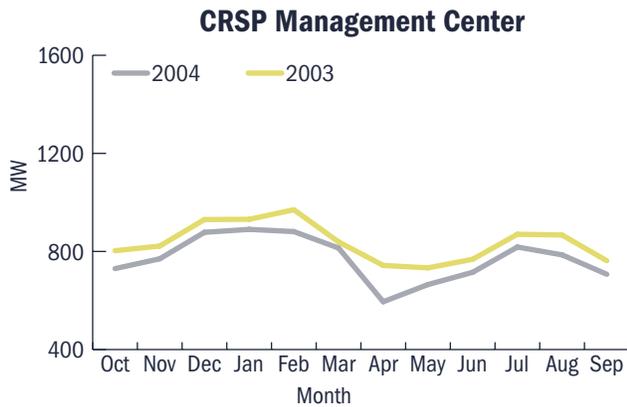


**Big Thompson, North Platte and Bighorn Rivers**

(in million acre-feet)



# Peak Firm Loads



These graphs show monthly regional 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 2004 coincident firm and contingent peak load was 6,067 MW. The peak occurred on July 19 during the hour ending at 4 p.m. (MDT).

# Sales

## Power Sales By Project<sup>1</sup>

Project	FY 2004		FY 2003	
	(MWh)	Revenues (\$)	(MWh)	Revenues (\$)
Boulder Canyon	3,897,122	51,769,331	3,960,347	50,811,356
Central Arizona (Navajo) <sup>2</sup>	4,388,000	86,066,023	4,071,000	82,973,545
Central Valley	9,885,396	224,243,180	9,497,565	215,674,866
Falcon-Amistad	9,237	4,454,758	51,126	4,291,163
Loveland Area Projects	2,717,357	66,135,770	2,713,744	62,864,002
Parker-Davis	1,369,872	7,510,145	1,554,986	7,609,024
Pick-Sloan Missouri Basin—Eastern Div	11,486,293	234,168,081	11,248,886	211,093,857
Provo River	14,573	293,436	3,935	339,444
Salt Lake City Area Integrated Projects	5,844,538	158,271,544	6,861,149	149,873,589
Washoe	13,523	241,931	9,255	165,564
<b>Total Western<sup>3</sup></b>	<b>39,625,912</b>	<b>833,154,199</b>	<b>39,971,992</b>	<b>785,696,411</b>

<sup>1</sup> Includes firm, nonfirm, project use, interdepartmental and interproject sales.

<sup>2</sup> 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.

<sup>3</sup> Differences between energy sales and revenue in this appendix and the Combining Power System Statement of Revenues and Expenses and Accumulated Net Revenues in the FY 2004 Annual Report are due to: \$10.5 million for eliminating entries in the Financial Statements, required by accounting rules for interproject transactions; and \$4.5 million for additional accounting entries to the Financial Statements to include energy banking, project use and accounting accruals.

## Power Sales by Customer Category

Customer Category	FY 2004		FY 2003	
	(MWh)	Revenues (\$)	(MWh)	Revenues (\$)
Municipalities	11,299,935	240,524,056	11,754,905	235,836,635
Cooperatives	7,204,416	150,144,311	7,923,061	148,383,495
Federal agencies	1,537,832	35,640,294	1,511,005	32,934,602
State agencies	8,611,930	143,161,309	8,424,217	136,790,441
Public utility districts	4,058,780	95,809,005	3,966,968	92,611,001
Native American tribes	677,701	10,026,978	741,279	9,829,038
Irrigation districts	739,945	15,267,467	731,041	13,649,735
Investor-owned utilities	1,239,247	45,283,168	1,198,145	38,045,897
Power marketers	2,201,284	70,984,154	1,512,741	47,947,038
<b>Subtotal</b>	<b>37,571,070</b>	<b>806,840,741</b>	<b>37,763,362</b>	<b>756,027,881</b>
Project Use	1,678,360	14,935,986	1,770,821	14,584,235
Interproject	376,482	11,377,473	437,809	15,084,295
<b>Total Western<sup>1</sup></b>	<b>39,625,912</b>	<b>833,154,199</b>	<b>39,971,992</b>	<b>785,696,411</b>

<sup>1</sup> Differences between energy sales and revenue in this appendix and the Combining Power System Statement of Revenues and Expenses and Accumulated Net Revenues in the FY 2004 Annual Report are due to: \$10.5 million for eliminating entries in the Financial Statements, required by accounting rules for interproject transactions; and \$4.5 million for additional accounting entries to the Financial Statements to include energy banking, project use and accounting accruals.

## Energy 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	Interproject	Project use	Total
<b>Arizona</b>												
Energy sales - MWh	148,057	169,156	57,757	5,632,599	0	337,705	137,152	18,781	1,760	99,712	195,376	6,798,055
Power revenue - \$	2,969,401	2,251,715	435,460	105,773,739	0	4,848,236	2,398,911	694,417	121,920	2,774,229	1,089,450	123,357,478
<b>California</b>												
Energy sales - MWh	4,885,745	148,674	1,187,166	1,366,755	2,881,027	9,344	595,138	210,042	0	0	1,336,439	12,620,330
Power revenue - \$	115,559,129	3,482,213	29,688,519	16,348,674	69,337,605	49,830	12,203,692	5,159,842	0	0	10,770,000	262,599,503
<b>Colorado</b>												
Energy sales - MWh	1,221,604	2,559,712	68,897	0	0	0	0	334,376	0	26,323	18,603	4,229,515
Power revenue - \$	28,527,439	62,359,704	1,246,466	0	0	0	0	14,577,017	0	1,137,430	447,431	108,295,486
<b>Connecticut</b>												
Energy sales - MWh	0	0	0	0	0	0	0	0	15,674	0	0	15,674
Power revenue - \$	0	0	0	0	0	0	0	0	464,280	0	0	464,280
<b>Florida</b>												
Energy sales - MWh	0	0	0	0	0	0	0	0	67,164	0	0	67,164
Power revenue - \$	0	0	0	0	0	0	0	0	2,389,877	0	0	2,389,877
<b>Idaho</b>												
Energy sales - MWh	0	0	0	0	0	0	0	194	0	0	0	194
Power revenue - \$	0	0	0	0	0	0	0	4,278	0	0	0	4,278
<b>Iowa</b>												
Energy sales - MWh	675,466	506,507	0	0	0	0	0	14,969	0	0	0	1,196,942
Power revenue - \$	10,399,237	7,380,017	0	0	0	0	0	543,915	0	0	0	18,323,169
<b>Kansas</b>												
Energy sales - MWh	96,458	90,056	0	0	0	0	0	0	0	0	59	186,573
Power revenue - \$	2,133,587	1,521,866	0	0	0	0	0	0	0	0	147	3,655,601
<b>Maryland</b>												
Energy sales - MWh	0	0	0	0	0	0	0	0	135	0	0	135
Power revenues - \$	0	0	0	0	0	0	0	0	4,305	0	0	4,305
<b>Minnesota</b>												
Energy sales - MWh	1,420,729	578,479	0	37,888	21,234	13,056	0	192,590	817,550	0	0	3,081,526
Power revenue - \$	21,318,875	8,709,084	0	552,233	603,904	201,420	0	7,587,629	27,652,212	0	0	66,625,357
<b>Missouri</b>												
Energy sales - MWh	0	19,662	0	0	0	0	0	79,592	157,977	0	0	257,231
Power revenue - \$	0	540,035	0	0	0	0	0	2,785,667	5,331,692	0	0	8,657,394
<b>Montana</b>												
Energy sales - MWh	0	695,281	0	8	0	67,566	4,901	57,245	408	55	29,833	855,297
Power revenue - \$	0	11,043,645	0	345	0	1,007,885	81,834	1,773,692	11,292	2,246	76,021	13,996,960
<b>Nebraska</b>												
Energy sales - MWh	769,251	0	0	136,940	1,135,124	24,727	619	0	7,189	0	3,229	2,077,079
Power revenue - \$	16,613,814	0	0	2,033,963	25,002,236	381,156	12,271	0	195,537	0	8,074	44,247,051
<b>Nevada</b>												
Energy sales - MWh	69,942	0	26,961	1,201,643	0	0	0	27,358	0	0	0	1,325,904
Power revenue - \$	722,645	0	144,737	14,587,873	0	0	0	662,736	0	0	0	16,117,991

## Energy 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	Interproject	Project use	Total
<b>New Mexico</b>												
Energy sales - MWh	146,265	50,245	94,205	0	0	0	0	34,537	0	0	73,920	399,172
Power revenue - \$	4,156,224	984,263	2,227,017	0	0	0	0	1,581,553	0	0	2,437,642	11,386,699
<b>New York</b>												
Energy sales - MWh	0	0	0	0	0	0	0	0	7,082	0	0	7,082
Power revenue - \$	0	0	0	0	0	0	0	0	329,301	0	0	329,301
<b>North Dakota</b>												
Energy sales - MWh	184,961	958,472	0	98,134	0	94,890	358	3,030	475,446	0	6,243	1,821,534
Power revenue - \$	2,940,326	21,217,718	0	1,596,759	0	1,461,777	6,851	147,288	13,920,091	0	26,834	41,317,644
<b>Oregon</b>												
Energy sales - MWh	0	0	0	0	0	0	0	98,223	12,750	0	0	110,973
Power revenue - \$	0	0	0	0	0	0	0	2,953,182	298,791	0	0	3,251,973
<b>South Dakota</b>												
Energy sales - MWh	697,970	956,798	57,459	120,989	21,240	130,413	0	126,070	0	0	3,001	2,113,940
Power revenue - \$	11,055,740	14,544,067	926,125	1,892,161	861,655	2,076,674	0	5,388,376	0	0	28,876	36,773,674
<b>Texas</b>												
Energy sales - MWh	0	9,237	0	0	0	0	0	4,524	362,931	0	0	376,692
Power revenue - \$	0	4,454,758	0	0	0	0	0	219,688	13,761,428	0	0	18,435,874
<b>Utah</b>												
Energy sales - MWh	910,250	461,527	28,556	16,974	0	0	1,591	0	156	250,392	1,152	1,670,598
Power revenue - \$	22,314,711	11,642,648	660,937	375,561	0	0	559,736	0	4,554	7,463,568	25,249	43,046,963
<b>Wisconsin</b>												
Energy sales - MWh	0	0	0	0	155	0	0	24,653	0	0	0	24,808
Power revenue - \$	0	0	0	0	3,605	0	0	868,983	0	0	0	872,588
<b>Wyoming</b>												
Energy sales - MWh	73,237	610	16,830	0	0	0	186	0	0	0	10,505	101,368
Power revenue - \$	1,812,929	12,578	311,033	0	0	0	4,172	0	0	0	26,261	2,166,973
<b>Canada</b>												
Energy sales - MWh	0	0	0	0	0	0	0	13,063	275,062	0	0	288,125
Power revenue - \$	0	0	0	0	0	0	0	334,905	6,498,874	0	0	6,833,779
<b>Total<sup>1</sup></b>												
<b>Energy sales - MWh</b>	<b>11,299,935</b>	<b>7,204,416</b>	<b>1,537,832</b>	<b>8,611,930</b>	<b>4,058,780</b>	<b>677,701</b>	<b>739,945</b>	<b>1,239,247</b>	<b>2,201,284</b>	<b>376,482</b>	<b>1,678,360</b>	<b>39,625,912</b>
<b>Power revenue - \$</b>	<b>240,524,056</b>	<b>150,144,311</b>	<b>35,640,294</b>	<b>143,161,309</b>	<b>95,809,005</b>	<b>10,026,978</b>	<b>15,267,467</b>	<b>45,283,168</b>	<b>70,984,154</b>	<b>11,377,473</b>	<b>14,935,986</b>	<b>833,154,199</b>

<sup>1</sup> Differences between energy sales and revenue in this appendix and the Combining Power System Statement of Revenues and Expenses and Accumulated Net Revenues in the FY 2004 Annual Report are due to: \$10.5 million for eliminating entries in the Financial Statements, required by accounting rules for interproject transactions; and \$4.5 million for additional accounting entries to the Financial Statements to include energy banking, project use and accounting accruals.

## Firm and NonFirm Energy Sales by Project

Project	FY 2004			FY 2003		
	Firm	Nonfirm	Total	Firm	Nonfirm	Total
<b>Boulder Canyon</b>						
Energy sales - MWh	3,897,122	0	3,897,122	3,960,347	0	3,960,347
Power revenues - \$	51,769,331	0	51,769,331	50,811,357	(1)	50,811,356
<b>Central Arizona</b>						
Energy sales - MWh	4,388,000	0	4,388,000	4,071,000	0	4,071,000
Power revenues - \$	86,066,023	0	86,066,023	82,973,545	0	82,973,545
<b>Central Valley</b>						
Energy sales - MWh	7,644,099	904,858	8,548,957	7,455,762	600,425	8,056,187
Power revenues - \$	198,736,827	14,736,353	213,473,180	191,398,302	12,676,564	204,074,866
<b>Falcon-Amistad</b>						
Energy sales - MWh	0	9,237	9,237	0	51,126	51,126
Power revenues - \$	0	4,454,758	4,454,758	0	4,291,163	4,291,163
<b>Loveland Area Projects</b>						
Energy sales - MWh	2,040,160	416,013	2,456,173	2,040,231	326,103	2,366,334
Power revenues - \$	46,724,708	11,917,627	58,642,335	44,272,688	7,001,610	51,274,298
<b>Parker-Davis</b>						
Energy sales - MWh	1,174,496	0	1,174,496	1,258,406	85,025	1,343,431
Power revenues - \$	6,420,695	0	6,420,695	4,223,660	2,250,555	6,474,215
<b>Provo River</b>						
Energy sales - MWh	0	14,573	14,573	0	3,935	3,935
Power revenues - \$	0	293,436	293,436	0	339,444	339,444
<b>Pick-Sloan Missouri Basin Program—Eastern Division</b>						
Energy sales - MWh	8,892,844	2,546,843	11,439,687	8,888,735	2,273,454	11,162,189
Power revenues - \$	149,689,579	84,161,632	233,851,211	136,826,407	72,582,714	209,409,121
<b>Salt Lake City Area/Integrated Projects</b>						
Energy Sales - MWh	4,571,890	1,057,411	5,629,301	6,117,617	621,941	6,739,559
Power Revenues - \$	109,432,888	42,194,953	151,627,841	123,878,413	22,335,896	146,214,309
<b>Washoe</b>						
Energy sales - MWh	0	13,523	13,523	0	9,255	9,255
Power revenues - \$	0	241,931	241,931	0	165,564	165,564
<b>Subtotal</b>						
<b>Energy sales - MWh</b>	<b>32,608,612</b>	<b>4,962,458</b>	<b>37,571,070</b>	<b>33,792,098</b>	<b>3,971,264</b>	<b>37,763,362</b>
<b>Power revenues - \$</b>	<b>648,840,051</b>	<b>158,000,690</b>	<b>806,840,741</b>	<b>634,384,372</b>	<b>121,643,509</b>	<b>756,027,881</b>
<b>Project use</b>						
Energy sales - MWh	1,678,360	0	1,678,360	1,769,936	885	1,770,821
Power revenues - \$	14,935,986	0	14,935,986	14,560,206	24,029	14,584,235
<b>Subtotal</b>						
<b>Energy sales - MWh</b>	<b>34,286,972</b>	<b>4,962,458</b>	<b>39,249,430</b>	<b>35,562,034</b>	<b>3,972,149</b>	<b>39,534,183</b>
<b>Power revenues - \$</b>	<b>663,776,037</b>	<b>158,000,690</b>	<b>821,776,727</b>	<b>648,944,578</b>	<b>121,667,538</b>	<b>770,612,116</b>
<b>Interproject</b>						
Energy sales - MWh	0	376,482	376,482	0	437,809	437,809
Power revenues - \$	0	11,377,473	11,377,473	0	15,084,295	15,084,295
<b>Total Western<sup>1</sup></b>						
<b>Energy sales - MWh</b>	<b>34,286,972</b>	<b>5,338,940</b>	<b>39,625,912</b>	<b>35,562,034</b>	<b>4,409,958</b>	<b>39,971,992</b>
<b>Power revenues - \$</b>	<b>663,776,037</b>	<b>169,378,162</b>	<b>833,154,199</b>	<b>648,944,578</b>	<b>136,751,833</b>	<b>785,696,411</b>

<sup>1</sup> Differences between energy sales and revenue in this appendix and the Combining Power System Statement of Revenues and Expenses and Accumulated Net Revenues in the FY 2004 Annual Report are due to: \$10.5 million for eliminating entries in the Financial Statements, required by accounting rules for interproject transactions; and \$4.5 million for additional accounting entries to the Financial Statements to include energy banking, project use and accounting accruals.

## Firm and Nonfirm Energy Sales by Customer Category

Customer category	FY 2004			FY 2003		
	Firm	Nonfirm	Total	Firm	Nonfirm	Total
<b>Municipalities</b>						
Energy sales - MWh	10,399,269	900,667	11,299,935	11,196,584	558,321	11,754,905
Revenues - \$	217,728,343	22,795,714	240,524,056	220,392,476	15,444,160	235,836,635
<b>Cooperatives</b>						
Energy sales - MWh	6,967,415	237,000	7,204,416	7,609,005	314,056	7,923,061
Revenues - \$	139,408,725	10,735,586	150,144,311	138,402,550	9,980,945	148,383,495
<b>Federal agencies</b>						
Energy sales - MWh	1,537,832	0	1,537,832	1,495,589	15,416	1,511,005
Revenues - \$	35,640,294	0	35,640,294	32,531,745	402,857	32,934,602
<b>State agencies</b>						
Energy sales - MWh	8,543,316	68,614	8,611,930	8,381,662	42,555	8,424,217
Revenues - \$	140,334,735	2,826,574	143,161,309	134,813,089	1,977,352	136,790,441
<b>Public utility districts</b>						
Energy sales - MWh	3,545,825	512,955	4,058,780	3,500,696	466,272	3,966,968
Revenues - \$	86,177,409	9,631,596	95,809,005	81,162,032	11,448,969	92,611,001
<b>Native American tribes</b>						
Energy sales - MWh	670,825	6,876	677,701	736,959	4,320	741,279
Revenues - \$	9,745,283	281,695	10,026,978	9,580,695	248,343	9,829,038
<b>Irrigation districts</b>						
Energy sales - MWh	734,088	5,857	739,945	699,891	31,150	731,041
Revenues - \$	14,645,422	622,044	15,267,467	12,439,182	1,210,553	13,649,735
<b>Investor-owned utilities<sup>1</sup></b>						
Energy sales - MWh	210,042	1,029,205	1,239,247	171,712	1,026,433	1,198,145
Revenues - \$	5,159,842	40,123,326	45,283,168	5,062,604	32,983,293	38,045,897
<b>Power marketers</b>						
Energy sales - MWh	0	2,201,284	2,201,284	0	1,512,741	1,512,741
Revenues - \$	0	70,984,154	70,984,154	0	47,947,038	47,947,038
<b>Subtotal</b>						
<b>Energy sales - MWh</b>	<b>32,608,612</b>	<b>4,962,458</b>	<b>37,571,070</b>	<b>33,792,098</b>	<b>3,971,264</b>	<b>37,763,362</b>
<b>Revenues - \$</b>	<b>648,840,051</b>	<b>158,000,690</b>	<b>806,840,741</b>	<b>634,384,372</b>	<b>121,643,509</b>	<b>756,027,881</b>
<b>Project use</b>						
Energy sales - MWh	1,678,360	0	1,678,360	1,769,936	885	1,770,821
Revenues - \$	14,935,986	0	14,935,986	14,560,206	24,029	14,584,235
<b>Total Western</b>						
<b>Energy sales - MWh</b>	<b>34,286,972</b>	<b>4,962,458</b>	<b>39,249,430</b>	<b>35,562,034</b>	<b>3,972,149</b>	<b>39,534,183</b>
<b>Revenues - \$</b>	<b>663,776,037</b>	<b>158,000,690</b>	<b>821,776,727</b>	<b>648,944,578</b>	<b>121,667,538</b>	<b>770,612,116</b>
<b>Interproject</b>						
Energy sales - MWh	0	376,482	376,482	0	437,809	437,809
Revenues - \$	0	11,377,473	11,377,473	0	15,084,295	15,084,295
<b>Total Western<sup>1</sup></b>						
<b>Energy sales - MWh</b>	<b>34,286,972</b>	<b>5,338,940</b>	<b>39,625,912</b>	<b>35,562,034</b>	<b>4,409,958</b>	<b>39,971,992</b>
<b>Revenues - \$</b>	<b>663,776,037</b>	<b>169,378,162</b>	<b>833,154,199</b>	<b>648,944,578</b>	<b>136,751,833</b>	<b>785,696,411</b>

<sup>1</sup> Differences between energy sales and revenue in this appendix and the Combining Power System Statement of Revenues and Expenses and Accumulated Net Revenues in the FY 2004 Annual Report are due to: \$10.5 million for eliminating entries in the Financial Statements, required by accounting rules for interproject transactions; and \$4.5 million for additional accounting entries to the Financial Statements to include energy banking, project use and accounting accruals.

## Purchased Power Cost by Project

Project and source	FY 2004		FY 2003	
	Energy (MWh)	Cost \$(000)	Energy (MWh)	Cost \$(000)
<b>Central Valley</b>				
Non-Western	5,559,974	123,984	4,939,665	124,392
Western	0	0	0	0
<b>Total project purchases</b>	<b>5,559,974</b>	<b>123,984</b>	<b>4,939,665</b>	<b>124,392</b>
<b>Loveland Area Projects</b>				
Non-Western	1,212,754	54,201	1,117,337	46,652
Western	26,323	1,137	42,856	1,517
<b>Total project purchases</b>	<b>1,239,077</b>	<b>54,967<sup>1</sup></b>	<b>1,160,193</b>	<b>47,778</b>
<b>Parker-Davis</b>				
Non-Western	0	0	0	0
Western	0	0	97,406	2,596
<b>Total project purchases</b>	<b>0</b>	<b>0</b>	<b>97,406</b>	<b>2,596</b>
<b>Pick-Sloan Missouri Basin Program—Eastern Division</b>				
Non-Western	4,672,038	151,139	3,640,450	101,539
Western	55	2	3,755	135
<b>Total project purchases</b>	<b>4,672,093</b>	<b>151,141</b>	<b>3,644,205</b>	<b>101,674</b>
<b>Salt Lake City Area Integrated Projects</b>				
Non-Western	1,452,008	65,793	2,451,296	89,575
Western	242,584	7,603	342,838	40,628
<b>Total project purchases</b>	<b>1,694,592</b>	<b>73,396<sup>2</sup></b>	<b>2,794,134</b>	<b>130,203</b>
<b>Total Western</b>				
Non-Western	12,896,774	395,117	12,148,748	362,158
Western	268,962	8,742	486,855	44,875
<b>Total power purchases</b>	<b>13,165,736</b>	<b>403,859</b>	<b>12,635,603</b>	<b>407,033</b>

<sup>1</sup> FY 2004 reduced to reflect Trust Account activity.

<sup>2</sup> Differs from Financial Statements by approximately \$308,000 due to accruals, prior year adjustments, and reclassifications. Does not include Western Replacement Power purchases.

## Purchased Transmission Cost by Project

Project and source	FY 2004	FY 2003
	Cost \$(000)	Cost \$(000)
<b>Central Valley</b>		
Non-Western	16,438	15,547
<b>Total project purchases</b>	<b>16,438</b>	<b>15,547</b>
<b>Loveland Area Projects</b>		
Non-Western	8,011	7,234
<b>Total project purchases</b>	<b>8,011</b>	<b>7,234</b>
<b>Pick-Sloan Missouri Basin Program—Eastern Division</b>		
Non-Western	2,692	4,124
<b>Total project purchases</b>	<b>2,692</b>	<b>4,124</b>
<b>Salt Lake City Area Integrated Projects</b>		
Non-Western	7,720	8,008
Western	1,608	1,608
<b>Total project purchases</b>	<b>9,328</b>	<b>9,616</b>
<b>Total Western</b>		
Non-Western	40,878	34,914
Western	1,608	1,608
<b>Total transmission purchases</b>	<b>36,469</b>	<b>36,522</b>

## Purchased Ancillary Services Cost by Project

Project and source	FY 2004	FY 2003
	Cost \$(000)	Cost \$(000)
<b>Loveland Area Projects</b>		
Non-Western	0	42
Western	14	8
<b>Total project purchases</b>	<b>14</b>	<b>50</b>
<b>Total Western</b>		
Non-Western	0	42
Western	14	8
<b>Total ancillary services purchases</b>	<b>14</b>	<b>50</b>

## Top 25 Customers in Energy Sales - FY 2004

Firm energy sales				Nonfirm energy sales			
Rank	Customer	MWh	Percent of total firm sales	Rank	Customer	MWh	Percent of total nonfirm sales
1	Salt River Project	4,792,281	14.7	1	Cargill-Alliant	478,543	9.6
2	Tri-State Generation and Transmission Assn.	2,341,781	7.2	2	Rainbow Energy Marketing Corp.	475,446	9.6
3	Sacramento Municipal Utility District	2,020,896	6.2	3	Sacramento Municipal Utility District	382,895	7.7
4	Colorado River Commission of Nevada	1,201,643	3.7	4	Public Service Company of Colorado	334,376	6.7
5	Metropolitan Water District of Southern California	1,143,279	3.5	5	Northpoint Energy Solutions	209,969	4.2
6	Palo Alto, California	962,542	3.0	6	Otter Tail Power Company	175,853	3.5
7	Silicon Valley Power	909,467	2.8	7	Split Rock Energy	172,561	3.5
8	Arizona Power Authority	772,303	2.4	8	Conoco Gas and Power Marketing	158,767	3.2
9	Nebraska Public Power District	710,473	2.2	9	Westar Energy (Western Resources)	156,532	3.2
10	East River Power Co-op.	703,310	2.2	10	Los Angeles Dept. of Water and Power	141,741	2.9
11	Platte River Power Authority	599,199	1.8	11	Silicon Valley Power	140,788	2.8
12	Los Angeles Department of Water and Power	593,122	1.8	12	El Paso Energy Marketing Co.	133,218	2.7
13	Utah Associated Municipal Power	537,019	1.7	13	Minnesota Power (formerly Allete)	121,214	2.4
14	Redding, California	535,338	1.6	14	PacifiCorp	98,223	2.0
15	DOE Facilities (Oakland Operations Office)	523,063	1.6	15	Northwest Public Service Co.	89,114	1.8
16	Deseret Generation & Transmission	421,147	1.3	16	Burbank, California	80,784	1.6
17	Roseville, California	403,492	1.2	17	Aquila Inc.	76,787	1.5
18	Omaha Public Power District	380,711	1.2	18	Salt River Project	68,015	1.4
19	Minnkota Power Co-op.	360,422	1.1	19	Roseville, California	63,715	1.3
20	Colorado Springs Utilities	349,092	1.1	20	Lincoln, Nebraska	63,562	1.3
21	Central Montana Electric Power Co-op.	344,647	1.1	21	Redding, California	62,814	1.3
22	Central Power Electric Co-op.	320,351	1.0	22	PowerEx Corp.	59,040	1.2
23	Upper Missouri G&T Electric Co-op.	297,731	0.9	23	Basin Electric Power Cooperative	57,139	1.2
24	Utah Municipal Power Agency	281,621	0.9	24	Alameda Power & Tel.	47,019	0.9
25	Moorhead, Minnesota	228,465	0.7	25	Minnkota Power Co-op.	45,871	0.9
<b>Total</b>		<b>21,633,395</b>	<b>66.5</b>	<b>Total</b>		<b>3,893,986</b>	<b>78.5</b>

## Top 25 Customers in Power Revenues - FY 2004

Firm power revenues				Nonfirm power revenues			
Rank	Customer	Revenue (\$)	Percent of total firm revenue	Rank	Customer	Revenue (\$)	Percent of total nonfirm revenue
1	Salt River Project	93,070,856	14.3	1	Cargill-Alliant	15,830,305	10.0
2	Tri-State Generation and Transmission Assn.	57,351,737	8.8	2	Public Service Company of Colorado	14,577,017	9.2
3	Sacramento Municipal Utility District	51,638,368	8.0	3	Rainbow Energy Marketing Corp.	13,920,091	8.8
4	Silicon Valley Power	26,147,167	4.0	4	Otter Tail Power Company	6,891,393	4.4
5	Palo Alto, California	23,241,675	3.6	5	El Paso Energy Marketing Company	5,950,875	3.8
6	Nebraska Public Power District	17,812,728	2.7	6	Sacramento Municipal Utility District	5,807,036	3.7
7	Colorado River Commission of Nevada	14,587,873	2.2	7	Conoco Gas and Power Marketing	5,795,793	3.7
8	Redding, California	13,931,112	2.1	8	Split Rock Energy	5,625,637	3.6
9	Platte River Power Authority	13,375,659	2.1	9	Northpoint Energy Solutions	5,450,848	3.4
10	Utah Associated Municipal Power	13,187,723	2.0	10	Westar Energy (Western Resources)	5,254,395	3.3
11	DOE Facilities (Oakland Operations Office)	12,505,038	1.9	11	Medina Elec. Coop. & South Texas Elec. Coop.	4,454,758	2.8
12	Metropolitan Water District of Southern California	10,660,620	1.6	12	Minnesota Power (formerly Allete)	4,381,705	2.8
13	Roseville, California	10,612,265	1.6	13	Northwestern Public Service Co.	4,234,605	2.7
14	Los Angeles Department of Water and Power	10,494,602	1.6	14	Los Angeles Department of Water and Power	3,936,014	2.5
15	Deseret Generation & Transmission	10,474,648	1.6	15	PacifiCorp	2,953,182	1.9
16	East River Power Coop.	10,279,275	1.6	16	Salt River Project	2,804,861	1.8
17	Arizona Power Authority	9,898,022	1.5	17	Burbank, California	2,736,140	1.7
18	Colorado Springs Utilities	7,922,517	1.2	18	Aquila Inc.	2,694,452	1.7
19	Basin Electric Power Cooperative	7,376,147	1.1	19	Lincoln, Nebraska	2,494,672	1.6
20	Utah Municipal Power Agency	6,861,455	1.1	20	Silicon Valley Power	2,435,282	1.5
21	Ames Research Center-NASA	6,158,645	0.9	21	Lighthouse Energy Trading Company	1,759,955	1.1
22	Omaha Public Power District	5,536,042	0.9	22	Omaha Public Power District	1,602,897	1.0
23	Centra Montana Electric Power Co-op.	5,458,030	0.8	23	Page, Arizona	1,597,626	1.0
24	Minnkota Power Co-op.	5,236,028	0.8	24	Minnkota Power Co-op.	1,593,230	1.0
25	Southern California Edison Company	5,159,842	0.8	25	Public Service Company of New Mexico	1,581,553	1.0
<b>Total</b>		<b>448,978,074</b>	<b>69.2</b>	<b>Total</b>		<b>126,364,322</b>	<b>80.0</b>

## Transmission Revenues by Project

Project	FY 2004	FY 2003
	Revenues (\$)	Revenues (\$)
Central Arizona (Navajo)	25,059,466	25,459,434
Central Valley	10,581,007	9,719,577
Loveland Area Projects	28,178,923	29,694,850
Parker-Davis	33,401,696	35,702,196
Pick-Sloan Missouri Basin-Eastern Division	30,269,128	29,039,579
Pacific NW-SW Intertie Project	25,160,211	25,492,036
Salt Lake City Area Integrated Projects	18,033,598	17,010,328
<b>Total Western</b>	<b>170,684,029</b>	<b>172,118,000</b>

## Ancillary Services Revenues by Project

Project	FY 2004	FY 2003
	Revenues (\$)	Revenues (\$)
Central Valley	374,862	260,293
Loveland Area Projects	2,470,205	1,959,744
Parker-Davis	41,232	83,352
Pick-Sloan Missouri Basin-Eastern Div	2,167,651	2,117,569
Salt Lake City Area Integrated Projects	4,273,011	2,789,274
<b>Total Western</b>	<b>9,326,961</b>	<b>7,210,232</b>

## Energy Imbalance

	FY 2004 (\$)	FY 2003 (\$)
Loveland Area Projects	(4,269,344)	(3,306,329)
<b>Total Western</b>	<b>(4,269,344)</b>	<b>(3,306,329)</b>

## Customers by Customer Category

Customer category	2004				2003			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Municipalities <sup>1,2</sup>	242	52	5	299	243	53	5	301
Cooperatives	49	6	5	60	45	6	4	55
Public utility districts	5	7	5	17	6	6	5	17
Federal agencies	35	0	0	35	35	0	2	37
State agencies	44	3	0	47	43	4	0	47
Irrigation districts <sup>1</sup>	45	1	1	47	46	1	1	48
Investor-owned utilities	1	0	24	25	1	0	23	24
Native American tribes	29	3	0	32	30	1	0	31
Power marketers	0	0	29	29	0	0	32	32
Project use sales	82	0	0	82	84	0	0	84
<b>Subtotal</b>	<b>532</b>	<b>72</b>	<b>69</b>	<b>673</b>	<b>533</b>	<b>71</b>	<b>72</b>	<b>676</b>
Interproject sales	0	0	5	5	0	0	7	7
<b>Total</b>	<b>532</b>	<b>72</b>	<b>74</b>	<b>678</b>	<b>533</b>	<b>71</b>	<b>79</b>	<b>683</b>

<sup>1</sup> Customer count includes 33 Utah Associated Municipal Power System members (30 municipalities and 3 irrigation districts).

## Customer Count by Project<sup>1</sup>

Project	2004				2003			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
<b>Boulder Canyon</b>	15	0	0	15	15	0	0	15
<b>Total Boulder Canyon</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>
<b>Central Arizona</b>	1	0	0	1	1	0	0	1
<b>Total Central Arizona</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Central Valley</b>	52	19	3	74	53	18	0	71
Project use sales	34	0	0	34	34	0	0	34
<b>Total Central Valley</b>	<b>86</b>	<b>19</b>	<b>3</b>	<b>108</b>	<b>87</b>	<b>18</b>	<b>0</b>	<b>105</b>
<b>Falcon-Amistad</b>	0	0	2	2	0	0	2	2
<b>Total Falcon-Amistad</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>Loveland Area Projects</b>	27	5	13	45	26	6	11	43
Project use sales	13	0	0	13	13	0	0	13
Interproject sales	0	0	2	2	0	0	2	2
<b>Total Loveland Area Projects</b>	<b>40</b>	<b>5</b>	<b>15</b>	<b>60</b>	<b>39</b>	<b>6</b>	<b>13</b>	<b>58</b>
<b>Parker-Davis</b>	25	0	0	25	22	3	13	38
Project use sales	2	0	0	2	2	0	0	2
Interproject sales	0	0	0	0	0	0	1	1
<b>Total Parker-Davis</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>24</b>	<b>3</b>	<b>14</b>	<b>41</b>
<b>Pick-Sloan—Eastern Division</b>	285	9	41	335	282	8	45	335
Project use sales	29	0	0	29	31	0	0	31
Interproject sales	0	0	1	1	0	0	2	2
<b>Total Pick-Sloan—Eastern Division</b>	<b>314</b>	<b>9</b>	<b>42</b>	<b>365</b>	<b>313</b>	<b>8</b>	<b>47</b>	<b>368</b>
<b>Provo</b>	0	0	2	2	0	0	2	2
<b>Total Provo</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>Salt Lake Integrated Projects<sup>2</sup></b>	69	43	37	149	73	40	36	149
Project use sales	4	0	0	4	4	0	0	4
Interproject sales	0	0	2	2	0	0	2	2
<b>Total Salt Lake Integrated Projects</b>	<b>73</b>	<b>43</b>	<b>39</b>	<b>155</b>	<b>77</b>	<b>40</b>	<b>38</b>	<b>155</b>
<b>Washoe</b>	0	0	1	1	0	0	1	1
<b>Total Washoe</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

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

<sup>2</sup> Customer count includes 33 Utah Associated Municipal Power System members.

## Customers by State and Customer Category

State/Customer category	2004				2003			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
<b>Arizona</b>								
Municipalities	5	0	1	6	5	0	1	6
Cooperatives	0	1	2	3	0	1	2	3
Federal agencies	4	0	0	4	4	0	1	5
State agencies	1	1	0	2	0	2	0	2
Irrigation districts	15	0	0	15	17	0	0	17
Investor-owned utilities	0	0	3	3	0	0	3	3
Power marketers	0	0	1	1	0	0	0	0
Native American tribes	3	2	0	5	4	1	0	5
<b>California</b>								
Municipalities	16	13	1	30	15	14	0	29
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	9	0	0	9
Public utility districts	5	5	0	10	6	4	0	10
Irrigation districts	21	1	0	22	22	1	0	23
Investor-owned utilities	1	0	0	1	1	0	1	2
Native American tribes	1	0	0	1	1	0	0	1
Power marketers	0	0	0	0	0	0	1	1
<b>Colorado</b>								
Municipalities	16	2	0	18	15	3	0	18
Cooperatives	4	1	0	5	4	1	0	5
Federal agencies	5	0	0	5	5	0	0	5
Investor-owned utilities	0	0	1	1	0	0	1	1
<b>Connecticut</b>								
Power marketers	0	0	2	2	0	0	2	2
<b>Delaware</b>								
Power marketers	0	0	0	0	0	0	1	1
<b>Florida</b>								
Power marketers	0	0	2	2	0	0	3	3
<b>Georgia</b>								
Power marketers	0	0	0	0	0	0	1	1
<b>Idaho</b>								
Investor-owned utilities	0	0	1	1	0	0	1	1
<b>Iowa</b>								
Municipalities	47	0	2	49	47	0	2	49
Cooperatives	4	0	0	4	4	0	0	4
Investor-owned utilities	0	0	2	2	0	0	1	1
Power marketers	0	0	0	0	0	0	1	1
<b>Kansas</b>								
Municipalities	2	0	0	2	2	0	0	2
Cooperatives	1	0	0	1	1	0	0	1
<b>Maryland</b>								
Power marketers	0	0	1	1	0	0	0	0
<b>Minnesota</b>								
Municipalities	47	0	1	48	47	0	2	49
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

## Customers by State and Customer Category, continued

State/Customer category	2004				2003			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
<b>Missouri</b>								
Cooperatives	0	0	1	1	0	0	0	0
Investor-owned utilities	0	0	2	2	0	0	2	2
Power marketers	0	0	2	2	0	0	3	3
<b>Montana</b>								
Cooperatives	4	0	0	4	3	0	0	3
State agencies	1	0	0	1	0	0	0	0
Irrigation districts	3	0	0	3	3	0	0	3
Investor-owned utilities	0	0	2	2	0	0	3	3
Native American tribes	6	0	0	6	6	0	0	6
Power marketers	0	0	1	1	0	0	0	0
<b>Nebraska</b>								
Municipalities	55	2	0	57	55	2	0	57
Cooperatives	0	0	0	0	0	0	0	0
Public utility districts	0	2	0	2	0	2	0	2
State agencies	8	0	0	8	8	0	0	8
Irrigation districts	1	0	0	1	0	0	0	0
Power marketers	0	0	1	1	0	0	0	0
Native American tribes	4	0	0	4	4	0	0	4
<b>Nevada</b>								
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
<b>New Mexico</b>								
Municipalities	3	2	0	5	3	2	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
<b>New York</b>								
Power marketers	0	0	1	1	0	0	1	1
<b>North Dakota</b>								
Municipalities	12	0	0	12	12	0	0	12
Cooperatives	5	2	0	7	5	2	0	7
State agencies	12	0	0	12	12	0	0	12
Irrigation districts	1	0	0	1	0	0	0	0
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
<b>Ohio</b>								
Power marketers	0	0	0	0	0	0	1	1
<b>Oklahoma</b>								
Federal agencies	0	0	0	0	0	0	1	1
<b>Oregon</b>								
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	2	2	0	0	0	0

## Customers by State and Customer Category, continued

State/Customer category	2004				2003			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
<b>South Dakota</b>								
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	7	2	0	9	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	1	0	8	7	0	0	7
<b>Texas</b>								
Cooperatives	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	6	6	0	0	7	7
<b>Utah<sup>1</sup></b>								
Municipalities	3	33	0	36	3	32	0	35
Cooperatives	4	1	0	5	4	1	0	5
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
Power marketers	0	0	1	1	0	0	0	0
<b>Wisconsin</b>								
Public utility districts	0	0	1	1	0	0	1	1
Investor-owned utilities	0	0	2	2	0	0	1	1
Power marketers	0	0	0	0	0	0	1	1
<b>Wyoming</b>								
Municipalities	2	0	0	2	2	0	0	2
Cooperatives	2	0	0	2	2	0	0	2
Federal agencies	1	0	0	1	1	0	0	1
Irrigation districts	2	0	0	2	2	0	0	2
<b>Canada</b>								
Power marketers	0	0	3	3	0	0	4	4
Investor-owned utilities	0	0	1	1	0	0	0	0
<b>Subtotal</b>	<b>450</b>	<b>72</b>	<b>69</b>	<b>591</b>	<b>449</b>	<b>71</b>	<b>72</b>	<b>592</b>
Project use sales	82	0	0	82	84	0	0	84
<b>Subtotal</b>	<b>532</b>	<b>72</b>	<b>69</b>	<b>673</b>	<b>533</b>	<b>71</b>	<b>72</b>	<b>676</b>
Interproject sales	0	0	5	5	0	0	7	7
<b>Total</b>	<b>532</b>	<b>72</b>	<b>74</b>	<b>678</b>	<b>533</b>	<b>71</b>	<b>79</b>	<b>683</b>

<sup>1</sup> Customer count includes 33 Utah Associated Municipal Power System members (30 municipalities and 3 irrigation districts).

## Customers by State

State	2004				2003			
	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Alabama	0	0	0	0	0	0	0	0
Arizona	28	4	7	39	30	4	7	41
California	68	20	1	89	69	20	2	91
Colorado	25	3	1	29	24	4	1	29
Connecticut	0	0	2	2	0	0	2	2
Delaware	0	0	0	0	0	0	1	1
Florida	0	0	2	2	0	0	3	3
Georgia	0	0	0	0	0	0	1	1
Idaho	0	0	1	1	0	0	1	1
Iowa	51	0	4	55	51	0	4	55
Kansas	3	0	0	3	3	0	0	3
Maryland	0	0	1	1	0	0	0	0
Massachusetts	0	0	0	0	0	0	0	0
Minnesota	67	0	10	77	67	0	11	78
Missouri	0	0	5	5	0	0	5	5
Montana	14	0	3	17	12	0	3	15
Nebraska	68	4	1	73	67	4	0	71
Nevada	5	0	2	7	5	0	2	7
New Mexico	11	2	1	14	11	2	1	14
New York	0	0	1	1	0	0	1	1
North Dakota	36	2	2	40	35	2	2	39
Ohio	0	0	0	0	0	0	1	1
Oklahoma	0	0	0	0	0	0	1	1
Oregon	0	0	3	3	0	0	1	1
Pennsylvania	0	0	0	0	0	0	0	0
South Dakota	53	3	4	60	54	2	4	60
Texas	0	0	9	9	0	0	10	10
Utah <sup>1</sup>	14	34	2	50	14	33	1	48
Washington	0	0	0	0	0	0	0	0
Wisconsin	0	0	3	3	0	0	3	3
Wyoming	7	0	0	7	7	0	0	7
Canada	0	0	4	4	0	0	4	4
<b>Subtotal</b>	<b>450</b>	<b>72</b>	<b>69</b>	<b>591</b>	<b>449</b>	<b>71</b>	<b>72</b>	<b>592</b>
Project use	82	0	0	82	84	0	0	84
<b>Subtotal</b>	<b>532</b>	<b>72</b>	<b>69</b>	<b>673</b>	<b>533</b>	<b>71</b>	<b>72</b>	<b>676</b>
Interproject sales	0	0	5	5	0	0	7	7
<b>Total</b>	<b>532</b>	<b>72</b>	<b>74</b>	<b>678</b>	<b>533</b>	<b>71</b>	<b>79</b>	<b>683</b>

<sup>1</sup> Customer count includes 33 Utah Associated Municipal Power System members (30 municipalities and 3 irrigation districts).

## Comparison of Cumulative 2003 and 2004 Repayment As of September 30, 2003 and 2004 (in millions of dollars)

Project power system	Gross operating revenues				Income Transfers (net)				O & M and Other Expenses			
	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04
Amistad-Falcon	91	0	4	95	0	0	0	0	28	0	2	30
Boulder Canyon	1,396	0	65	1,460	6	0	3	8	687	(2)	41	726
Central Arizona (Navajo)	1,869	0	111	1,979	(1,027)	0	(110)	(1,138)	843	0	0	843
Central Valley	5,313	78	174	5,565	0*	0	0	0*	902	0	61	963
Collbran	44	0	2	46	0	0	0	0	19	0	1	20
Colorado River Storage	3,521	(20)	201	3,702	0	0	0	0	1,088	0	59	1,147
Dolores	26	0	3	29	0	0	0	0	3	0	0	3
Fryingpan-Arkansas	220	0	15	234	0	0	0	0	60	0	5	65
Intertie	215	0	27	241	0	0	0	0	85	0	8	92
Parker-Davis	983	0	45	1,027	1	0	7	8	509	0	28	536
Pick-Sloan Missouri Basin Program	6,590	(1)	363	6,952	3	0	(1)	2	2,825	(12)	141	2,953
Provo River	7	0	0	8	0	0	0	0	4	0	0	5
Rio Grande	82	0	2	84	0	0	0	0	43	0	2	45
Seedskaadee	22	0	1	23	0	0	0	0	9	0	1	10
Washoe	3	0	0	3	0	0	0	0	3	0	0	3
<b>Total</b>	<b>20,380</b>	<b>57</b>	<b>1,012</b>	<b>21,449</b>	<b>(1,018)</b>	<b>0</b>	<b>(102)</b>	<b>(1,120)</b>	<b>7,107</b>	<b>(15)</b>	<b>349</b>	<b>7,440</b>

\* Less than 500,000

## Application of FY 2004 Revenue As of September 30, 2003 and 2004 (in millions of dollars)

Project power system	Principal Repaid				Power Investment				Nonpower Investment			
	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04
Amistad-Falcon	14	0	0	14	44	0	0	44	0	0	0	0
Boulder Canyon	292	3	5	301	551	3	0	554	25	0	0	25
Central Arizona (Navajo)	0	0	0	0	0	0	0	0	0	0	0	0
Central Valley	400	0	38	439	559	0	0	559	78	0	3	81
Collbran	13	0	1	14	16	0	0	16	5	0	0	5
Colorado River Storage	676	0	29	705	1,091	0	10	1,101	2,684	0	(1,182)	1,502
Dolores	2	0	1	3	36	0	0	36	0	0	0	0
Fryingpan-Arkansas	12	0	0	12	152	0	1	153	0	0	0	0
Intertie	2	0	0	2	232	0	0	233	0	0	0	0
Parker-Davis	220	8	1	230	392	(5)	8	394	34	0	0	34
Pick-Sloan Missouri Basin Program	1,202	0	5	1,207	2,384	1	56	2,442	723	0	3	726
Provo River	2	0	0	2	2	0	0	2	0*	0	0	0*
Rio Grande	20	0	0	20	14	0	0	14	6	0	0	6
Seedskaadee	7	0	0	7	8	0	0	8	0	0	0	0
Washoe	0	0	0	0	5	0	0	5	0	0	0	0
<b>Total</b>	<b>2,862</b>	<b>11</b>	<b>82</b>	<b>2,955</b>	<b>5,484</b>	<b>(1)</b>	<b>76</b>	<b>5,559</b>	<b>3,555</b>	<b>0</b>	<b>(1,176)</b>	<b>2,379</b>

\* Less than 500,000

Purchased Power Expenses				Interest Expenses				Principal Repaid				(Deficits)/Surplus			
Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04
0	0	0	0	50	0	2	52	14	0	0	14	(1)	0	0	(1)
11	0	0	11	408	0	18	426	292	3	5	301	0	0	0	0
0	0	0	0	0*	0	0	0*	0	0	0	0	(1)	0	0	(1)
3,639	24	123	3,787	372	(3)	8	377	400	0	38	439	0	57	(57)	0
0	0	0	0	12	0	0	12	13	0	1	14	0	0	0	0
1,018	0	86	1,104	742	(20)	24	746	676	0	29	705	(4)	0	4	0
0	0	0	0	20	0	2	22	2	0	1	3	0	0	0	0
48	0	6	54	100	0	4	104	12	0	0	12	0	0	(1)	(1)
0	0	0	1	179	0	20	200	2	0	0	2	(51)	0	(2)	(53)
26	0	3	30	193	5	16	214	220	8	1	230	35	(13)	3	25
1,176	0	221	1,397	1,549	(1)	73	1,621	1,202	0	5	1,207	(159)	12	(77)	(224)
0*	0	0	0*	1	0	0	1	2	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	7	0	0	7	0	0	0	0
0	0	0	0	4	0	0	4	0	0	0	0	(4)	1	(1)	(4)
<b>5,924</b>	<b>25</b>	<b>440</b>	<b>6,389</b>	<b>3,651</b>	<b>(20)</b>	<b>168</b>	<b>3,799</b>	<b>2,862</b>	<b>11</b>	<b>82</b>	<b>2,955</b>	<b>(185)</b>	<b>56</b>	<b>(130)</b>	<b>(258)</b>

Total investment				Unpaid Power Investment				Unpaid Nonpower Investment				Total Unpaid Investment			
Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04	Cum 03	Adjustments	FY 04	Cum 04
44	0	0	44	31	0	0	30	0	0	0	0	31	0	0	30
576	3	0	579	259	0	(5)	253	25	0	0	25	283	0	(5)	278
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
637	0	3	639	158	0	(38)	120	78	0	3	81	236	0	(36)	200
21	0	0	21	3	0	(1)	2	5	0	0	5	8	0	(1)	7
3,775	0	(1,172)	2,603	415	0	(19)	396	2,684	0	(1,182)	1,502	3,099	0	(1,201)	1,898
36	0	0	36	34	0	0	34	0	0	0	0	34	0	0	34
152	0	1	153	140	0	1	141	0	0	0	0	140	0	1	141
232	0	0	233	231	(1)	0	231	0	0	0	0	231	(1)	0	231
426	(5)	8	429	199	(14)	6	192	6	0	0	6	206	(14)	6	199
3,107	1	59	3,167	1,188	1	52	1,241	716	0	3	719	1,904	1	55	1,960
2	0	0	2	0*	0	0	0*	0	0	0	0	0*	0	0	0*
20	0	0	20	0*	0	0	0	0	0	0	0	0*	0	0	0*
8	0	0	8	1	0	0	1	0	0	0	0	1	0	0	1
5	0	0	5	5	0	0	5	0	0	0	0	5	0	0	5
<b>9,039</b>	<b>(1)</b>	<b>(1,101)</b>	<b>7,937</b>	<b>2,663</b>	<b>(13)</b>	<b>(6)</b>	<b>2,645</b>	<b>3,515</b>	<b>0</b>	<b>(1,176)</b>	<b>2,388</b>	<b>6,178</b>	<b>(13)</b>	<b>(1,182)</b>	<b>4,983</b>

## Western Consolidated Status of Repayment (Dollars in millions)

	Cumulative 2003	Adjustments	Annual 2004	Cumulative 2004
<b>Revenue:</b>				
Gross operating revenue	20,380	57	1,012	21,449
Income transfers (net)	(1,018)	0	(102)	(1,120)
<b>Total operating revenue</b>	<b>19,362</b>	<b>57</b>	<b>910</b>	<b>20,329</b>
<b>Expenses:</b>				
O & M and other	7,107	(15)	348	7,440
Purchase power and other	5,924	25	440	6,389
Interest				
Federally financed	3,479	(19)	158	3,618
Non-Federally financed	173	(0)	9	181
Total Interest	3,651	(20)	168	3,799
<b>Total expense</b>	<b>16,683</b>	<b>(10)</b>	<b>956</b>	<b>17,628</b>
(Deficit)/Surplus revenue	(185)	56	(130)	(258)
<b>Investment:</b>				
Federally financed power	5,282	(1)	76	5,357
Non-Federally financed power	202	(0)	(0)	202
Nonpower	3,555	0	(1,176)	2,379
<b>Total investment</b>	<b>9,039</b>	<b>(1)</b>	<b>(1,101)</b>	<b>7,937</b>
<b>Investment repaid:</b>				
Federally financed power	2,766	11	78	2,856
Non-Federally financed power	55	(0)	4	59
Nonpower	41	0	(0)	41
<b>Total investment repaid</b>	<b>2,862</b>	<b>11</b>	<b>82</b>	<b>2,955</b>
<b>Investment unpaid:</b>				
Federally financed power	2,516	(13)	(2)	2,501
Non-Federally financed power	147	0	(4)	143
Nonpower	3,515	0	(1,176)	2,338
<b>Total investment unpaid</b>	<b>6,178</b>	<b>(13)</b>	<b>(1,183)</b>	<b>4,982</b>
<b>Fund balances:</b>				
Colorado River Development	2	(0)	1	3
Working capital	0	0	2	2
<b>Percent of investment repaid to date:</b>				
Federal	52.37%			53.31%
Non-Federal	27.23%			29.21%
Nonpower	1.15%			1.72%

Note: Repayment Status is primarily based on audited data as of 9/30/04. Difference between the Annual 2004 data in this table and the Combined Power System Statements of Revenues and Expenses in the Annual Report are footnoted in the individual power systems' Status of Repayment tables in this Statistical Appendix.

## 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 - Eastern Division	Dec. 31, 2020
Provo River	Sept. 30, 2024
Salt Lake City Area Integrated Projects	Sept. 30, 2024
Washoe Project	Dec. 31, 2004

## Rate Actions Summary

Rate order no.	Project	Type of rate action	Date of notice of public participation <sup>1</sup>	Rate schedule designation	Effective date of rate (first day of first full billing period)	Projected annual incremental \$(000)	Notes	Date submitted to FERC
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	1/1/01 1/1/01	N/A	Transmission Transmission	11/30/00 11/30/00
WAPA-93	Washoe Project, Stampede Division	Non-firm energy rate change	3/28/00	SNF-5	10/1/00	(\$121)	Nonfirm energy	8/23/00
WAPA-94	Boulder Canyon	Increase	2/27/03	BCP-F6	10/1/03	957	Power	8/14/03
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	10/1/03	82,783 <sup>2</sup>	Power <sup>4</sup> Transmission, revenues included in power Nonfirm transmission <sup>3</sup> Spinning Reserve Service <sup>3</sup> Supplemental Reserve Service <sup>3</sup> Regulation and Frequency Response Service <sup>3</sup> Energy Imbalance Service <sup>3</sup> Network Transmission Service <sup>3</sup> Scheduling Coordinator Service Power Scheduling Service	4/13/01
WAPA-98	Parker-Davis	Extension Extension Extension	N/A N/A N/A	PD-FT6 PD-NFT6 PD-FCT6	10/2/02 10/3/02 10/4/02	N/A N/A	Transmission Nonfirm Transmission Transmission	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	LAP/WACM	Rate extension	N/A		4/1/98	\$0	Rate extended through 3/31/2004	N/A
WAPA-102	Pick-Sloan Missouri Basin Program-Eastern Division	Extension	6/13/03	P-SED-F6	N/A	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	LAP	Rate extension	N/A		10/1/94	\$0	Rate extended through 3/31/2004	N/A
WAPA-105	LAP	Increase	6/13/03		2/1/04 10/1/04	\$3,559 \$934	Two step Firm Electric Service Rates	2/04
WAPA-106	LAP/WACM	Decrease	6/13/03		3/1/04	(\$1,795)	Transmission Services rates	3/04
WAPA-106	LAP/WACM	Increase	6/13/03		3/1/04	\$602	Ancillary Services	3/04
WAPA-108	Intertie	Transmission	5/23/03	INT-FT2/FT3	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
WAPA-111	Falcon-Amistad	Extension	N/A	N/A	6/8/04	N/A	Rate formula extension through 6/7/09	N/A

<sup>1</sup> Date published in the *Federal Register*.

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

<sup>3</sup> Revenue from ancillary services and nonfirm transmission was not projected in the rate case as these are sold on an "as available" basis.

<sup>4</sup> The revenue for the power rates include the transmission revenue.

<sup>5</sup> Energy Imbalance Service revenue collected is used to offset purchase power costs incurred to balance resources and loads within the 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	\$1.17	6.46 mills/kWh	10/1/03	12.91 mills/kWh
Central Valley Project	CV-F10	\$3.86	18.38 mills/kWh	10/1/03	24.73 mills/kWh
Loveland Area Projects	L-F4	\$2.85	10.85 mills/kWh	10/1/94	21.70 mills/kWh
Loveland Area Projects	L-F5 (1st step)	\$3.08	11.72 mills/kWh	2/1/04	23.44 mills/kWh
Parker-Davis Project	PD-F6	1.21-Generation 1.08-Transmission	2.77 mills/kWh	10/1/03	8.02 mills/kWh
Pick-Sloan Missouri Basin Program	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
	P-SED-F7	\$3.62	9.34 mills/kWh for all energy 5.21 mills/kWh for all energy above 60% load factor	2/1/04	16.04 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	10/1/03	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 of energy or charged at the effective composite 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.
	CV-SCS1, Scheduling Coordinator Service	\$76.65/hr
	CV-PSS2, Power Scheduling Service	\$76.65/hr
Loveland Area Projects	L-NT1, Network Integration Transmission Service	10/1/03 - 9/30/04: Load ratio share of 1/12 of the revenue requirement of \$38,776,237
	L-FPT1, Firm Transmission Service	10/1/03 - 9/30/04: \$2.68/kW/month
	L-NFPT1, Nonfirm Transmission Service	10/1/03 - 9/30/04: 3.75 mills/kWh (Maximum)
	L-AS1, Scheduling, System Control, and Dispatch Service	10/1/03 - 2/29/04: \$40.90/schedule/day; 3/1/04 - 9/30/04: \$25.22/tag/day
	L-AS2, Reactive Supply and Voltage Control from Generation Sources Service	10/1/03 - 9/30/04: \$0.106/kW/month
	L-AS3, Regulation and Frequency Response Service	10/1/03 - 2/29/04: \$0.165/kW/month; 3/1/04 - 9/30/04: \$0.175/kW/month
	L-AS4, Energy Imbalance Service	10/1/03 - 2/29/04: 10% bandwidth, 2 MW minimum, and a 50% penalty, applied hourly with LAP weighted average real-time pricing.
	2nd step	3/1/04 - 9/30/04: 10% bandwidth, 4 MW minimum, 25% penalty, LAP-weighted average hourly purchase or sales price.
	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	
<b>Pacific NW-SW Intertie</b>	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	
		Monthly	
		Weekly	
		Daily	
		Hourly	
	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 <sup>1</sup>	Per schedule/per day	
	Existing, No SCADA programing or intra-bus transfer	\$53.82	
	Existing, No SCADA programing, requires intra-bus transfer	\$71.18	
	New schedule w/SCADA programing, no inter-bus transfer	\$49.84	
	New schedule w/SCADA, and inter-bus transfer	\$73.38	
	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.		
<b>Parker-Davis Project</b>	PD-FT6, Firm Transmission Service	\$12.99 per kW year (\$1.08 per kW per month)	
<b>Pick-Sloan Missouri Basin Program</b> 10/1/03 -4/30/04	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	\$0.04KW/Mo	
	Operating Reserve - Spinning Reserve Service	\$0.11/KW/Mo	
	Operating Reserve - Supplemental Reserve Service	\$0.11/KW/Mo	
	Scheduling, System Control and Dispatch Service	\$56.40/Schedule/Day	
	Reactive Supply & Voltage Control Service	\$0.06/KW/Mo	
	5/1/04 -9/30/04	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of \$128,017,923
	Integrated System Firm Point-to-Point Rate	\$2.72/KW/Mo	
	Integrated System Nonfirm Point-to-Point Rate	3.73 mills/kWh	
	Regulation and Frequency Response Service	\$0.04KW/Mo	
	Operating Reserve - Spinning Reserve Service	\$0.11/KW-Mo	
	Operating Reserve - Supplemental Reserve Service	\$0.11/KW-Mo	
Scheduling, System Control and Dispatch Service	\$49.29/Schedule/Day		
Reactive Supply & Voltage Control Service	\$0.06/KW/Mo		
<b>Salt Lake City Area Integrated Projects</b>	SP-PTP6, Firm Point-to-Point Transmission Service	\$2.33 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	RM and DSW rate schedules apply accordingly.	
	SP-EI2, Energy Imbalance Service	RM and DSW rate schedules apply accordingly.	
	SP-FR2, Regulation & Frequency Response Service	\$4.04 per kW per month if available; or RM and DSW rate schedules apply accordingly.	
	SP-SSR2, Spinning and Supplemental Reserves Service	Rate under the Western Systems Power Pool contract.	

<sup>1</sup> Western Area Lower Colorado Ancillary Service – These service charges apply to Intertie, Parker-Davis, Colorado River Storage Project, and Central Arizona Project transmission systems for transactions under Western's Open Access Transmission Tariff.