Operations Summary 2000

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Reliability—new rules, new challenges

This FY 2000 Operations Summary from Western Area Power Administration reports on our continuing efforts to meet the changing demands of the electric power industry and our efforts to maintain transmission system reliability.

In the West, electric utility industry restructuring, increased electricity demand, reduced generation and market volatilities strained the power grid and redefined many system reliability rules. Reliability used to focus on balancing generation with loads and keeping transmission lines in good repair. Today, myriad factors influence how we keep the lights on.

This report highlights the steps Western, working with our customers, is taking to meet these challenges and ensure electric power system reliability.

Note: This summary does not include audited financial statements. Audited data will be published under separate cover as soon as it is available.

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Western at a glance

Marketing profile

	2000	1999
Firm energy revenue	$563 million	$583 million
Nonfirm energy revenue	$204 million	$139 million
Total energy sales	45.3 billion kWh	45.1 billion kWh
Composite firm rate	14.58 mills	15.08 mills
Coincident peak load (est.)	6,382 MW	6,768 MW

Customer profile

	Number	Sales (billion kWh)	Energy revenue (million $)
Municipalities	287	11.8	182.3
Cooperatives	59	8.4	147.2
Public utility districts	16	4.1	73.9
Federal agencies	53	2.4	36.2
State agencies	54	11.1	149.1
Irrigation districts	44	0.6	8.5
Investor-owned utilities	26	2.5	85.7
Power marketers	30	2.4	60.3
Project use (Reclamation)	78	1.8	11.8
Interproject		0.2	11.6
Firm customers	573	38.6	562.6
Nonfirm customers	74 [1]	7.1	204.0
Total customers	647	45.3	766.6

[1] Excludes 76 firm power customers who also purchased nonfirm power.

IRP profile

IRPs submitted	195
Small customer plans submitted	110
Customers and members represented	588

Repayment profile

Principal repaid in FY 2000	$78 million
Total investment	$8.7 billion
Total repaid	$2.7 billion

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Resource profile

Hydro powerplants	55
Thermal powerplants	1
Total powerplants	56
Actual operating capability on 7/1/00	9,789 MW
Total units	177
Net generation	36,605 GWh
Purchased power	10,565 GWh

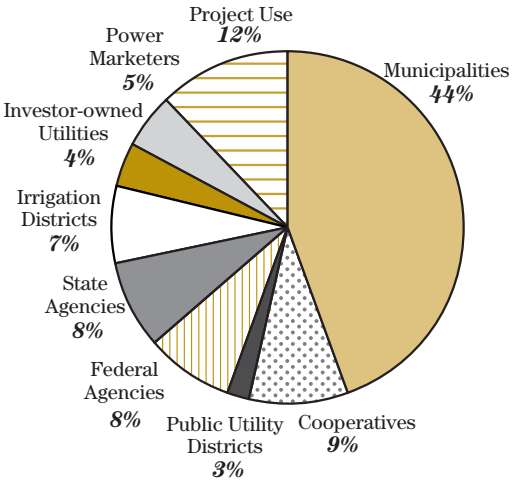
Transmission system profile

Communication sites	368
Substations	257
Transmission lines	16,819 miles
Transformer capacity	26,553,512 kVa

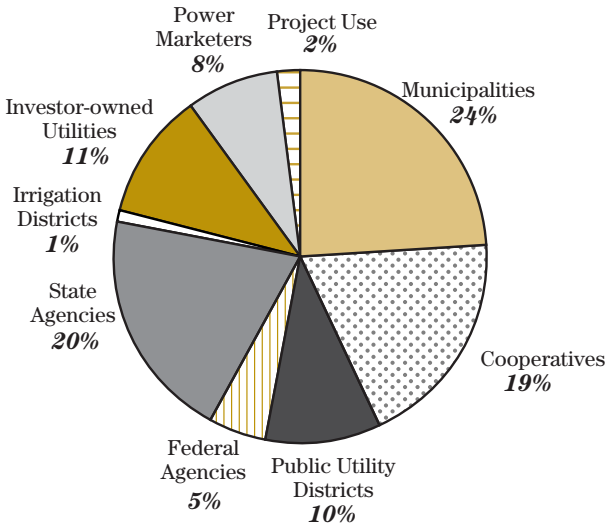
Employee profile

Federal (authorized FTE)	1,290
Contractor usage	240

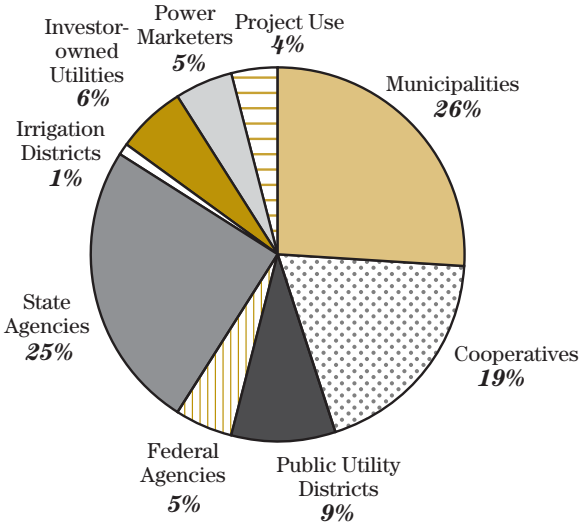
Customer mix



Where our revenues come from ($)



Where our energy goes (kWh)



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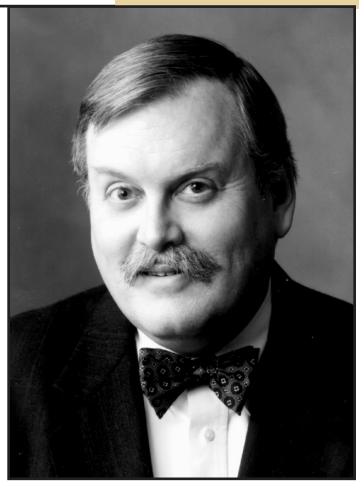
Administrator's letter



The Honorable Spencer Abraham
Secretary of Energy
Washington, D.C. 20585

Dear Secretary Abraham,

As I reviewed the year 2000, a common theme emerged: the increasing challenges of keeping the lights on.

In California, this meant helping the California Independent System Operator during the state's prolonged energy crisis. Our staff in Folsom, Calif., coordinated with the Bureau of Reclamation to maximize generation and worked with customers to curtail or reschedule energy use. Western staff in Phoenix and Montrose, Colo., successfully transmitted energy to California at critical times. The ISO and others recognized Western employees for the key reliability roles they played.

In FY 2000, our power marketing staff played significant roles in RTO development throughout the West, in many cases receiving praise from utility executives for their expertise.

Our power marketing staff in Billings helped extend the benefits of preference power to 25 Native American tribes through power allocations and bill-crediting contracts, while Salt Lake City power marketing staff made a fine start in the process of allocating power to tribes in the intermountain West.

This year, the Environmental Protection Agency recognized the many contributions of Western's environmental program. EPA accepted Western into its National Environmental Achievement Track for being a pacesetter in environmental leadership. Closer to home, Western's sponsorship of eight regional Science Bowls and support of local schools such as Denver's Skinner Middle School demonstrated our commitment to community.

Many of the demands we faced this year will continue in Fiscal Year 2001. Yet, new solutions may arise. Collectively, the power industry will seek new ways to produce clean electricity and promote ways to increase customer choice in getting that energy. At Western, we will work closely with our customers to continue bringing the benefits of cost-based hydropower to preference customers and keeping the lights on throughout the West.

Michael S. Hacskaylo

Michael S. Hacskaylo

Administrator

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Most of the detailed data provided in Western's FY 2000 Operations Summary is organized by projects, but we have also included Westernwide summary information. We hope this format is useful to you, the reader, and welcome your comments on how we could better present this information. Call or write your local Western office or Corporate Communications at our Corporate Services Office in Lakewood, Colo., to share your comments or for more information about Western. You can also visit our website at **http://www.wapa.gov** or send us e-mail at **CorpComm@wapa.gov**.

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Western profile

Western Area Power Administration annually markets and transmits approximately 10,000 megawatts of power from 55 hydropower plants. We sell about 40 percent of regional hydroelectric generation. Western also markets the United States' 547-MW entitlement from the coal-fired Navajo Generating Station near Page, Ariz.

Western's service area covers 1.3 million square miles in 15 states. We sell power to 647 wholesale customers including 287 municipalities, 59 cooperatives, 16 public utility and 44 irrigation districts, 53 Federal and 54 state agencies, 26 investor-owned utilities (only one of which purchases firm power from Western), 30 marketers and 78 Reclamation customers that purchase project use power. They, in turn, provide retail electric service to millions of consumers in: Arizona, California, Colorado, Iowa, Kansas, Minnesota, Montana, Nebraska, Nevada, New Mexico, North Dakota, South Dakota, Texas, Utah and Wyoming.

Western operates and maintains an extensive, integrated and complex high-voltage power transmission system to deliver power to our customers. Using this 16,819 circuit-mile Federal transmission system, Western markets and delivers reliable electric power to most of the western half of the United States.

Except for the Central Arizona Project's Navajo generation, these power facilities are part of 11 rate-setting systems. These are made up of 14 multipurpose water resource projects and one transmission project. The systems include Western's transmission facilities along with power generation facilities owned and operated primarily by the U.S. Bureau of Reclamation, the U.S. Army Corps of Engineers and the International Boundary and Water Commission.

Western and the generation entities are separately managed and financed. Each project maintains a separate financial system and records. Each entity operates and maintains its portion of the multipurpose projects and allocates its operating expenses among the projects. Costs are allocated among individual project purposes including navigation, irrigation, flood control, power, fish and wildlife, recreation and municipal and industrial water supply. Western's financial statements include only the costs assigned to power for repayment.

Power sales, transmission operations and maintenance and engineering services for our system are accomplished by our employees at 51 duty stations located throughout our service area. These include our Corporate Services Office in Lakewood, Colo., and four Customer Service Regions with offices in Billings, Mont.; Loveland, Colo.; Phoenix, Ariz.; and Folsom, Calif. We also market power from our Management Center in Salt Lake City, Utah, and manage system operations and maintenance from offices in Bismarck, N.D.; Fort Peck, Mont.; Huron, S.D.; and Watertown, S.D.

Legislative authority

Congress established Western on Dec. 21, 1977, under Section 302 of the Department of Energy Organization Act. Under this statute, power marketing responsibilities and the transmission system assets previously managed by Reclamation were transferred to Western.

Financing methods

Our power marketing program includes three principal activities: operation and maintenance; purchase power and wheeling; and construction and rehabilitation. Each year, Congress appropri-

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ates funds to finance expenses for most of our power systems, including the Pick-Sloan Missouri Basin Program, Central Valley Project, Parker-Davis Project and the Pacific Northwest-Pacific Southwest Intertie Project.

Our appropriation also includes an annual contribution for the Utah Reclamation Mitigation and Conservation Account as specified in the Reclamation Projects Authorization and Adjustment Act of 1992. Existing legislation allows for the Colorado River Storage, Central Arizona, Seedskadee, Dolores and Fort Peck projects to operate with power receipts through a revolving fund. In accordance with the Foreign Relations Authorization Act for FY 1994 and FY 1995, a separate appropriation is provided to operate and maintain Falcon and Amistad project facilities for the International Boundary and Water Commission.

While Western receives annual appropriations to finance our operations, power rates are set to recover all costs associated with our activities, as well as repay the Federal investment in power facilities, with interest, and certain costs assigned to power for repayment such as aid to irrigation development.

We currently finance a significant amount (80 percent in FY 00) of our purchase power and wheeling program through non-appropriated, alternative financing methods, such as bill crediting, net billing, reimbursements and non-appropriation transfers.

Boulder Canyon Project is financed through permanent appropriations of receipts from the Colorado River Dam Fund. Parker-Davis Project and Central Valley Project customers also provide advance funding to finance certain power system expenses and capital improvements, respectively. We also do work for other Federal and non-Federal organizations under authority of the Economy Act, the Contributed Funds Act and the Interior Department Appropriations Act of 1928.

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Accomplishments

Regional Transmission Organizations

Western actively participated in several evolving regional transmission entities during FY 2000. A Western manager served on the California Independent System Operator board of directors. The Sierra Nevada Region provided scheduling coordinating services with CAISO for several California customers. Western also holds an ex officio seat on the Desert STAR board of directors and has been exploring the possibility of joining the Midwest Independent System Operator and the proposed Crescent Moon RTO along with monitoring the activities of the proposed RTO West.

Tribal Allocations

In FY 2000, Western allocated power and signed contracts with 25 Native American tribes in its Upper Great Plains Region and began the power allocation application process with more than 60 tribes served by its Rocky Mountain Region and Colorado River Storage Project Management Center. Power allocations from Western will permit these tribes to receive the benefit of cost-based Federal hydropower.

Reliability and Assistance to California

Western responded to the California Independent System Operator's emergency request for energy to avert rolling blackouts throughout the state. Responding to an August Presidential directive for the Federal power marketing administrations to take all possible measures to maximize power imports to California, Western (in collaboration with the U.S. Bureau of Reclamation) suspended low-flow studies at Glen Canyon Dam on Sept. 18 to increase power production. Western was able to divert, through power exchanges, approximately 330 MW from Glen Canyon Dam for four hours and 170 MW for one hour; 100 MW from Parker-Davis Project for six hours and 636 MW at peak demand from the Central Valley Project. The CAISO issued a statement thanking Western for its role in avoiding blackouts.

Merchant Plant Interconnections

As a result of restructuring and evolving competition in the power industry, Western has received numerous interconnection requests from independent power producers constructing merchant powerplants (plants that do not serve a specific load, but instead sell energy on the wholesale market). In FY 2000, construction continued on two merchant powerplants in Arizona and California. Four other merchant projects are in the planning stage in Arizona and two are planned for California. Although the project proponents bear the cost of planning and construction, Western oversees the environmental, design and transmission construction processes and maintains the substations and transmission lines required for new interconnections with our transmission system.

Renewable Energy

In FY 2000, Western, in alliance with numerous other Colorado Federal agencies, agreed to purchase 10 MW of renewable energy. In addition, Western began exploring the possibility of acquiring renewable energy for the Department of Energy throughout the United States.

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Non-hydro Renewable Resource Program

Our work in the area of non-hydro renewable resources continued and expanded in FY 2000. We developed a "Wind-in-a-Box" kit to help customers and communities educate the public about wind energy. In partnership with the National Renewable Energy Laboratory, we developed a wind anemometer loan program for tribes and Western customers.

Cyber Security

In January 2000, DOE approved Western's Cyber Security Program Plan. In March, the DOE Office of Independent Oversight and Special Review completed Western's network vulnerability assessment. Western corrected the limited vulnerabilities found during the assessment.

Integrated Resource Planning

In November 1999, Western published revised criteria for Integrated Resource Planning reporting. The revised criteria streamline the IRP reporting process and allow greater flexibility for customers to tailor IRP reporting to their individual needs.

Bonus Program goals

In FY 2000, Western met or exceeded each of its three safety goals. Western also met its cost-containment goal by restricting program costs to $132 million and achieved its system reliability goal by limiting accountable outages to 30. This is the first time in the program's five-year history that Western achieved all of its Bonus Program goals.

Sulfur hexafluoride program

Western launched a program to locate and seal sulfur hexafluoride leaks throughout its transmission system in FY 2000. SF_6 is a gas used to insulate circuit breakers, switches and other electrical equipment. EPA has identified SF_6 as a potential greenhouse gas. In a joint effort with EPRI, the research arm of the power industry, Western developed back-scanning laser equipment that detects SF_6 leaks. Under the program, Western detects and aggressively repairs leaks to reduce SF_6 emissions.

Y2K

Following two years of intensive planning and preparation, Western encountered no Y2K-related problems during the year 2000 rollover.

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Reliability—

New rules, new challenges

2000

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Reliability— New rules, new challenges

For the electric power industry, the year 2000 was a wild ride that tested the power system's resilience and made reliability the concern of the day. Market volatility, spiraling energy demands, soaring wholesale prices, congested transmission paths and constrained power generation all combined to make keeping the lights on an even greater challenge. New entities buying and selling power increased the industry's complexity. Despite the turbulence, Western, in concert with our customers, worked on many fronts to successfully ensure reliability in Fiscal Year 2000.

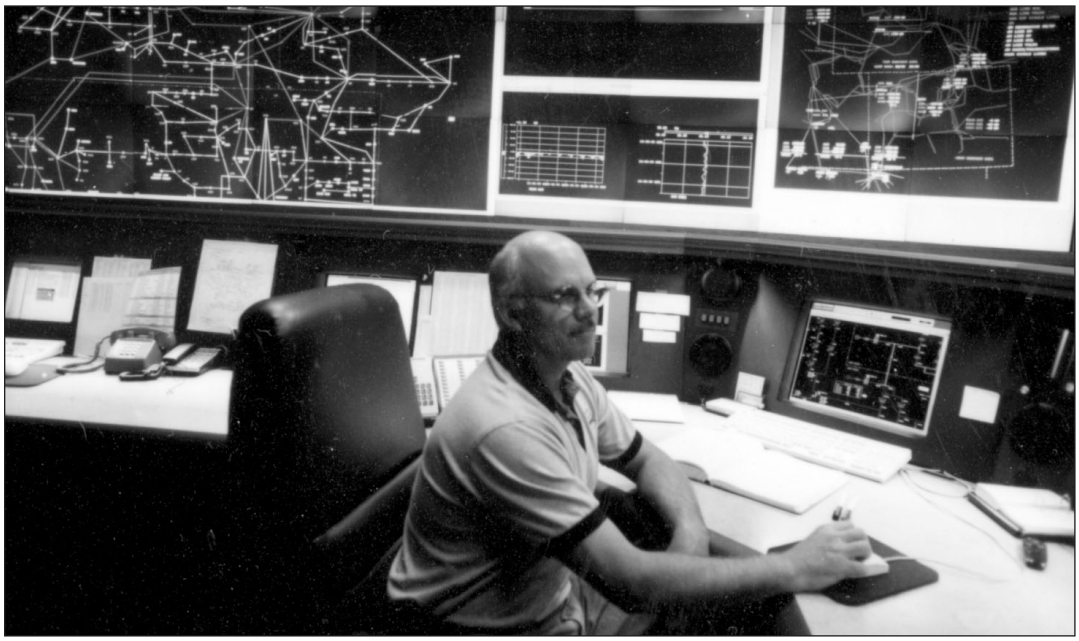
RMS—responding to a changing industry

Until recently, the electric power industry maintained system reliability through voluntary peer pressure and the expectations that electric utilities would do the right thing. Now those same utilities are competitors. This can pose a significant threat to system reliability.

The Western Systems Coordinating Council responded to this threat by developing enforceable reliability standards. In September 1999, WSCC implemented the first phase of its Reliability Management System. Under this contract-based reliability system, participants agreed to meet established reliability standards or face sanctions, including monetary fines.

Western staff were instrumental in developing the system, working on task forces that developed reliability criteria, incentives and sanctions and reviewing reliability agreement legal implications.

According to Western Power Operations Specialist Mark Meyer, "The criteria seem to be working very well. Most of us involved in the program believe that WSCC operators are much more aware of the criteria and trying hard to meet them."



Dispatcher Jerry Ruggles tracks the flow of electricity through Western's Rocky Mountain Region at the Loveland Dispatch Center. Loveland staff also operate a control area in the Western Systems Coordinating Council.

Western's FY 2000 RMS track record was good. In operating our transmission system, we incurred only two sanctions totaling $3,000. Both were for violating operating transfer capabilities on transmission paths. One incident stemmed from an operator error. The second involved complications resulting from an overloaded transmission line. Combined, 21 program participants paid a total of $802,041 in fines in FY 2000. Western's sanctions represented 0.37 percent of the combined sanctions.

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RMS criteria

Phase I

Control Performance Standards 1 and 2—Established by the North American Electric Reliability Council, CPS1 and CPS2 measure how well control areas match generation to load.

Disturbance Control Standard and Operating Reserves—DCS measures how well a control area recovers from a disturbance, while Operating Reserves represent the unloaded on-line generation required to adequately respond to disturbances.

Automatic Voltage Regulators and Power System Stabilizers—Requires that generators have automatic voltage regulators and power system stabilizers in service when on-line.

Operating Transfer Capacity—Requires transmission path operators to maintain scheduled flow and actual flow on a transmission path at or below an established OTC.

RTOs—a new addition to the reliability landscape

A year ago, few people knew what regional transmission organizations were. Today, several proposed RTOs are taking shape—with many in the industry viewing them as vehicles for improving system reliability, enhancing management efficiency and reducing operating costs.

On Dec. 20, 1999, the Federal Energy Regulatory Commission issued a final rule on RTOs (Order No. 2000). The order outlined required RTO characteristics and functions. It also strongly encouraged investor-owned utilities with interstate transmission to voluntarily join RTOs and required them to explain their efforts to join RTOs in a formal FERC filing in October 2000.

Although not directly subject to FERC's order, Western voluntarily began preparing a filing and participated in efforts to develop RTOs within our service territory. To date, we're actively participating in or monitoring the formation of five proposed RTOs: the California ISO, Desert Southwest Transmission and Reliability RTO, RTO West, the Midwest Independent System Operator and the Crescent Moon RTO.

Western has closely coordinated with the California ISO since its inception and has taken an active role in ISO issues. Through the transmission access charge tariff process, we're attempting to resolve issues impeding Western's execution of a transmission control agreement and becoming a participating transmission owner.

Western also has been actively involved with the Desert STAR stakeholder process. Desert STAR stakeholders have examined different pricing models, with no clear consensus reached in FY 2000.

Desert STAR participants also have explored a "physical rights" model for managing transmission congestion. Giving up rights to manage transmission capacity to an independent transmission management entity could limit our flexibility to meet customer needs.

We've restricted our participation in the proposed RTO West in light of its focus on the Pacific Northwest. However, Western has significant contracts for transmission in Utah, which may be operated by RTO West. We're monitoring RTO West developments through our Utah customers, Bonneville Power Administration and through our participation in RTO coordinating groups such as Western Systems Coordinating Council's Western Market Interface Committee.

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Western is also involved in the MISO RTO formation. MISO advocates a license plate pricing approach. Under this model, consumers located in a utility rate zone would pay for transmission in that zone regardless of where the power originates within the RTO. In densely populated urban areas such a Chicago, where zonal rates are low, license plates rates would offer an economic advantage. Consumers would have the option of purchasing power in areas with higher transmission rates (for example Montana) and still pay their lower local rate. For our Upper Great Plains Region and its customers, this model provides an economic disincentive.

In contrast, the Crescent Moon RTO leans toward postage stamp pricing. We are exploring this emerging RTO as a potential alternative.

As RTOs continue to develop, Western will be an active voice at the table. The cost of joining an RTO must be offset by the benefits gained. The issues of pricing, congestion management and differences in business practices resulting in "seams" issues between RTOs still need to be resolved. Western is actively taking part in the WICM RTO Seams Task Force to address these issues. Western cannot join an RTO if such a step would prevent us from carrying out our mission of serving preference customers with cost-based hydropower. And we must be able to fulfill other statutory mandates as they relate to the multipurpose projects generating the power we sell. Despite these concerns, Western will continue to work with the regional entities as they gradually take form.

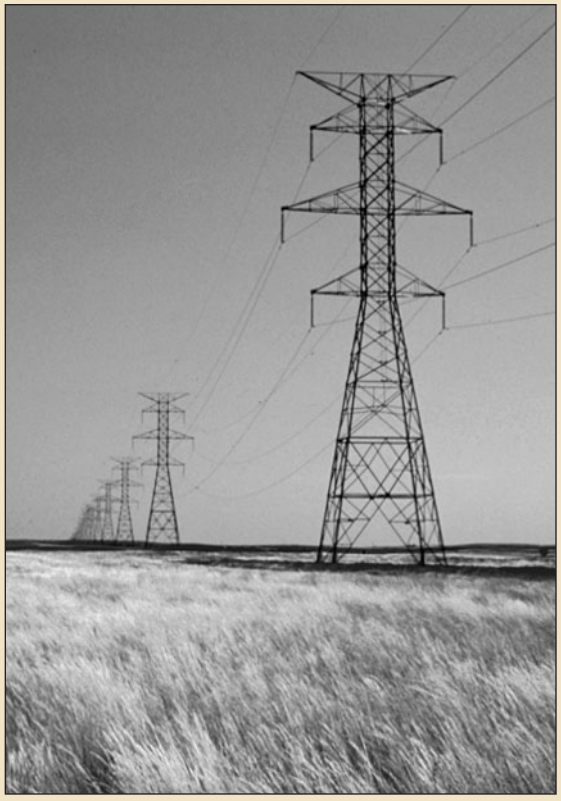
Regional Transmission Organizations

Required characteristics

- Independence
- Scope and regional configuration
- Operations authority
- Short-term reliability

Required functions

- Tariff administration and design
- Congestion management
- Parallel path flows management
- Ancillary services
- Open Access Same-time Information Systems management
- Market monitoring
- Transmission expansion and planning
- Interregional coordination



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Scheduling—helping customers face new reliability needs

SNR pre-schedulers Debbie Hawthorne, left, Maria Tyler and Dara Fout (seated) review a load and resource schedule.

Scheduling transmission has become increasingly complex, automated and carried out on a 24-hour-a-day, real-time basis. This has been especially true in California.

When California restructured its electric power industry, several Western customers found themselves in a lurch. In the pre-restructuring world, the control area operator matched loads and resources on a real-time basis. The control area operator also controlled transmission ensuring lines were not loaded above their rated capacity.

Under the new rules of the road, the California Independent System Operator runs the California control area. But the ISO doesn't own generation or transmission. Instead it uses certified scheduling coordinators to reserve resources and transmission to meet load a day ahead and submit balanced load and resources schedules to the ISO.

The ISO also buys additional energy in a competitive ancillary service market to meet reliability requirements or sells surplus energy on the imbalance energy market to ensure load and resources match on a real-time basis.

Scheduling coordinators must have 24-hour scheduling and dispatching capabilities to meet the ISO's real-time needs—something not all Western customers have.

That was the situation facing Eastside Power Authority (made up of three water districts), the Department of Energy National Laboratories in the San Francisco Bay Area and, to a lesser extent, the city of Redding, Calif. For the past two years, Western has been the ISO scheduling coordinator for Eastside. The DOE labs and Redding later climbed on board.

Western provides power to Eastside through its Western power allocation. For the DOE labs, we schedule power to meet their loads using either Western power or contracted Pacific Northwest power. If Eastside or the labs need supplemental power, we purchase it on their behalf under existing contracts.

"For Redding, we provide scheduling services across the ISO-controlled grid for up to 22 MW generated at the San Juan powerplant in the Four Corners region. Redding provides daily load and generation estimates for Western to use in the schedule submitted to the ISO," explained SN Operations Manager Fred LeBlanc.

Two days before a customer actually uses the power, Western develops an hourly schedule. If the proposed schedule doesn't accurately match supply and load, the ISO rejects it.

"In FY 2000, we also began providing scheduling services for Lassen Municipal Utility District and the city of Shasta, both in California," noted LeBlanc. "Additional utilities are expected to request similar services in FY 2001."

Under these scheduling contracts, Western helps its customers to contain costs resulting from California's restructuring. The services we provide help reduce customer energy costs and help ensure reliability across the California grid.

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Merchant powerplants—adding to the mix

A key ingredient for reliability is having sufficient generation to meet growing energy demands. In portions of our service territory, many in the industry see merchant plants as a quick and efficient way to add more megawatts to the power grid and enhance reliability.

Merchant powerplants may not serve a specific load. Instead, they generate power that is sold competitively on the wholesale market. Most are intended as peaking facilities that can be brought on-line rapidly when energy demand surges.

According to the Electric Power Supply Association, generating capacity from announced merchant plants more than doubled during the past two years. In our service territory, approximately 52 merchant plants with generating capacity of 27,985 MW are planned or are under construction. Of this, approximately 13,865 MW would affect or interconnect with our system.

The demand for new merchant plants stems from several sources. The 1992 Energy Policy Act spurred on wholesale generation competition, allowing utilities, power marketers and load aggregators to choose their sources of power. In addition, FERC Orders No. 888 and 889 created a favorable environment for merchant plants. The orders require open access to transmission for interstate power sales and unbundling of utility merchant and transmission operations. These changes made producing power solely for the wholesale market economically desirable. As a result, numerous independent power producers have asked to interconnect with our transmission system.

In FY 2000, seven merchant plants in two regions were in the process of interconnecting with our facilities. Another six plants in three regions have been announced.

However, it takes more than a flick of the switch to interconnect and bring a plant on line. In accordance with our Open Access Transmission Service Tariff, and our recently revised General Requirements for Interconnection, independent power producers must complete an eight-step interconnection process. (see Getting connected).

Although, the project proponent bears all project costs—including plant, substation and support facilities design and construction—Western supplies the expertise for environmental review, land acquisition, design and commissioning of transmission facilities.

A construction crew maneuvers the base section of a steel pole.

Getting connected

Western's "General Requirements for Interconnection" outlines eight major steps to be completed in the interconnection process:

1. **Application**—The project proponent contacts Western and submits an interconnection application.
2. **Systems impact agreement**—The parties agree to conduct a study to assess whether the transmission system can support the requested interconnection.
3. **Facilities study agreement**—The parties agree to assess the need for upgrades or modifications at the point of interconnection.

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Merchant plant interconnections with Western planned and under construction

Region	Plant	Location	Capacity	Status
Desert Southwest	Griffith Energy Project	Kingman, Ariz.	650 MW	On-line spring 2001
	Southpoint Power Plant Project	Topock, Ariz.	520 MW	On-line spring 2001
	Blythe Energy Project	Blythe, Calif.	520 MW	Environmental review
	Big Sandy Energy Project	Wikieup, Ariz.	750 MW	Environmental review
	Sundance Energy Project	Coolidge, Ariz.	400 MW	Environmental review
Sierra Nevada	Sutter Power Plant Project	Yuba City, Calif.	525 MW	On-line Summer 2001
	Rio Linda Project	Elverta, Cailf.	560 MW	Application received
	East Altamont Energy Center	Tracy, Cailf.	1,100 MW	Application received

4. **Environmental review**—Western reviews the project, based on the National Environmental Policy Act requirements.
5. **Land acquisition**—Western acquires any necessary land rights.
6. **Design and construction**—Western designs and constructs transmission facilities that interconnect with its transmission system, based upon a construction agreement.
7. **Commissioning**—Western reviews and tests the interconnection/new facilities before energizing them. When the facilities conform to Western's design, safety and related requirements, the parties sign an interconnection agreement that provides long-term operation and maintenance for the interconnected facility.
8. **Final report**—Western develops a final report and list of lessons learned to facilitate future interconnections.

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"Commissioning alone is a labor-intensive process, explained Brian Kasperek, DSW lead electrical engineer. "It usually takes about three to four weeks to commission and energize a substation."

In addition to commissioning work, each substation requires significant communication design and installation effort. Digital microwave, remote transmission units and fiber optic networks carry hundreds of pieces of information required for dispatchers to control those substations and to provide them with protection during fault situations.

In FY 2000, Western commissioned three substations in Arizona and oversaw construction of another in California for merchant powerplants that will interconnect with our transmission system. The three plants supported by these substations should go on line in summer 2001. Two other merchant plants in Arizona and one in California should be operating by summer 2002.

Power generated at these facilities will flow across portions of Western's transmission system on its way to the wholesale market.

Renewables—greening the grid

"Green" energy from photovoltaic panels, wind turbines, biomass and geothermal resources is gaining a stronger foothold industrywide. As political and public demand for these resources increases and the demand for nonpolluting energy climbs, these resources will play an increasingly important power industry role.

Throughout FY 2000, Western worked with our customers to help develop this burgeoning industry. In our Sierra Nevada, Rocky Mountain and Desert Southwest regions, we hosted a series of photovoltaic workshops for customers and other interested parties. The workshops highlighted various PV systems and provided participants the opportunity to install PV units on facilities belonging to Western and our customers. In FY 2000, the Federal Energy Management Program gave us an award for our leadership in PV installations at Western sites. The Environmental Protection Agency recognized our PV accomplishments during Earth Day 2000.

In March 2000, we reported the results of a North and South Dakota wind-energy potential study at the National Wind Coordinator Council's Transmission Committee meeting. The report found 12 potential wind sites located near Western substations. The Energy Department's Office of Power Technology will fund a second phase of the study.

Western coordinated with developers seeking to market biomass power from a planned facility near Lake Tahoe in northern California. Recently, we have become involved in discussions and workshops on geothermal potential in the West.

Western's mission will continue to be marketing and transmitting cost-based hydropower to our customers. But as the industry changes, and demands for new sources of green energy increase, we will promote the development and implementation of these technologies.

 Continued on next page.

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Solar success

From installing a 4-kW photovoltaic system at our Rocky Mountain regional office in Loveland, Colo., to helping schools in California tap the power of the sun, Western has helped the Million Solar Roof Initiative get closer to its goal of putting a million solar energy systems on roofs across the country by 2010. Western has supported the initiative since its inception in 1997. Accomplishments of Western's solar program in 2000—many done in partnership with our customers—include:

- Installed:
  - a 1-kW PV system at city park for the city of Redding, Calif.
  - a 2-kW PV system at our CRSP MC in Salt Lake City, a 2-kW system at our DSW regional office in Phoenix and a 3.2-kW system on a Western facility in Yuma, Ariz.
  - a 12-kW advanced technology copper-indium-selenide PV system at our SN regional office. This is phase III of a demonstration project and largest system of its kind in the world.
  - a 10-kW advanced technology cadmium telluride beta test site PV system at our SN regional office.
- Instructed at a PV workshop at Sherman Indian School, Riverside, Calif.
- Reviewed a PV design applications for the Stanford Linear Accelerator Center.
- Evaluated a PV system for an Arizona National Guard facility.
- Provided technical advice to the city of Anaheim, Calif., in evaluating bids for a 75-kW system for the Anaheim Convention Center.
- Made"Wind in a Box" kits available for loan.

Working smarter to enhance reliability—and contain costs

Our ability to ensure reliability is largely based on whether equipment is available and operating effectively. In the past, our transmission system maintenance was time-based, with fixed schedules for replacing equipment. However, with the demands of greater loads on transmission lines and events such as "no touch" days in California, this approach is no longer viable.

In FY 2000, we introduced a new practice called reliability-centered maintenance. RCM focuses on identifying critical components of a system and uses preventive and predictive maintenance practices to repair or replace equipment as needed. It considers the actual conditions under which equipment is operated. In theory, this approach is more cost-effective than relying on traditional time-based maintenance schedules.

"Back in April 1999, several of us attended an RCM meeting in Bismarck [N.D.]," recalled Upper Great Plains General Engineer Mark Buchholz. "Later, the staff from our state maintenance

Continued on next page.

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offices and maintenance engineering met regularly to implement RCM philosophies for substations and transmission lines."

The UGP Region RMC pilot program Buchholz referred to focused on:

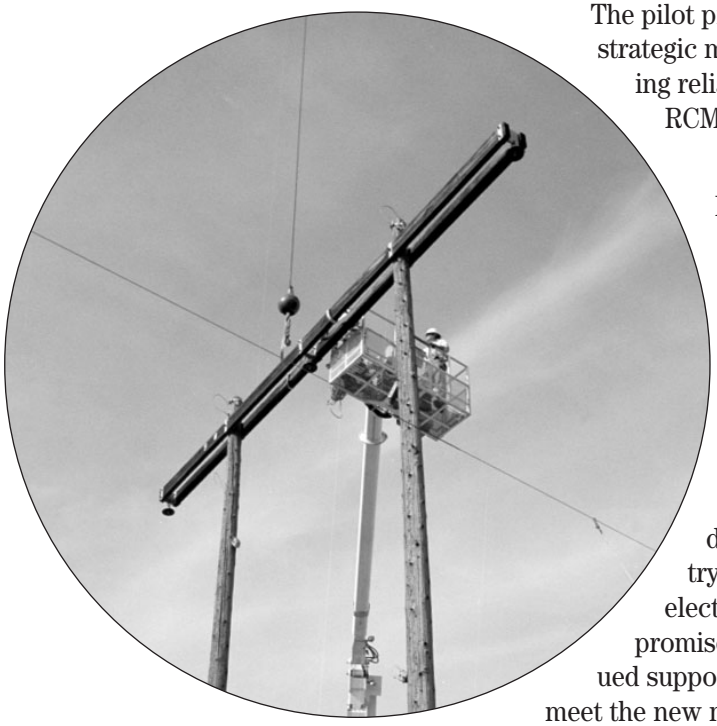
- strength testing for new and in-service transmission structure wood crossarms.
- structural analysis and reliability assessments of 115-kV transmission lines.
- reviewing inspection and treatment contracts for wood poles.
- reviewing diagnostic testing and equipment monitoring practices, analyzing past and present maintenance practices, incorporating on-line monitoring of critical practices in place.
- automating data collection from substation inspections.

As a result of this RCM pilot, we learned that rather than replacing a transmission line based solely on its age, we could repair or replace existing transmission structures and components, and in some cases, extend a line's life expectancy by 20 years for less than $130,000. We also found that extending wood pole inspections from 10- to 12-year cycles did not impair reliability, but did lower overall maintenance costs.

The pilot program permitted us to test new technology and improve strategic maintenance practices to continue Western's mission of providing reliable cost-based power to our customers. We plan to extend RCM Westernwide over the next few years.

"RCM should be rigorously implemented," said Mike Davilla, an electronics equipment craftsman in Shiprock, N.M. "The competitive environment we find ourselves in today will require us to work smarter with fewer people. RCM seems to be the answer to this dilemma. Implementing RCM would continue to keep us leaders in the electric utility industry," he added.

Despite the daunting perplexities presented in FY 2000, Western played a strong role in ensuring system reliability. By working with our customers to maintain new reliability standards, responding to the changing demands of the power industry and improving maintenance practices, we helped guide the electric power industry in the West into a new century. Next year promises to be equally, if not more, demanding. Through the continued support and cooperation of customers and industry partners, we will meet the new millennium's demands—and succeed.



A line crew prepares to dismantle and replace a damaged wood pole.

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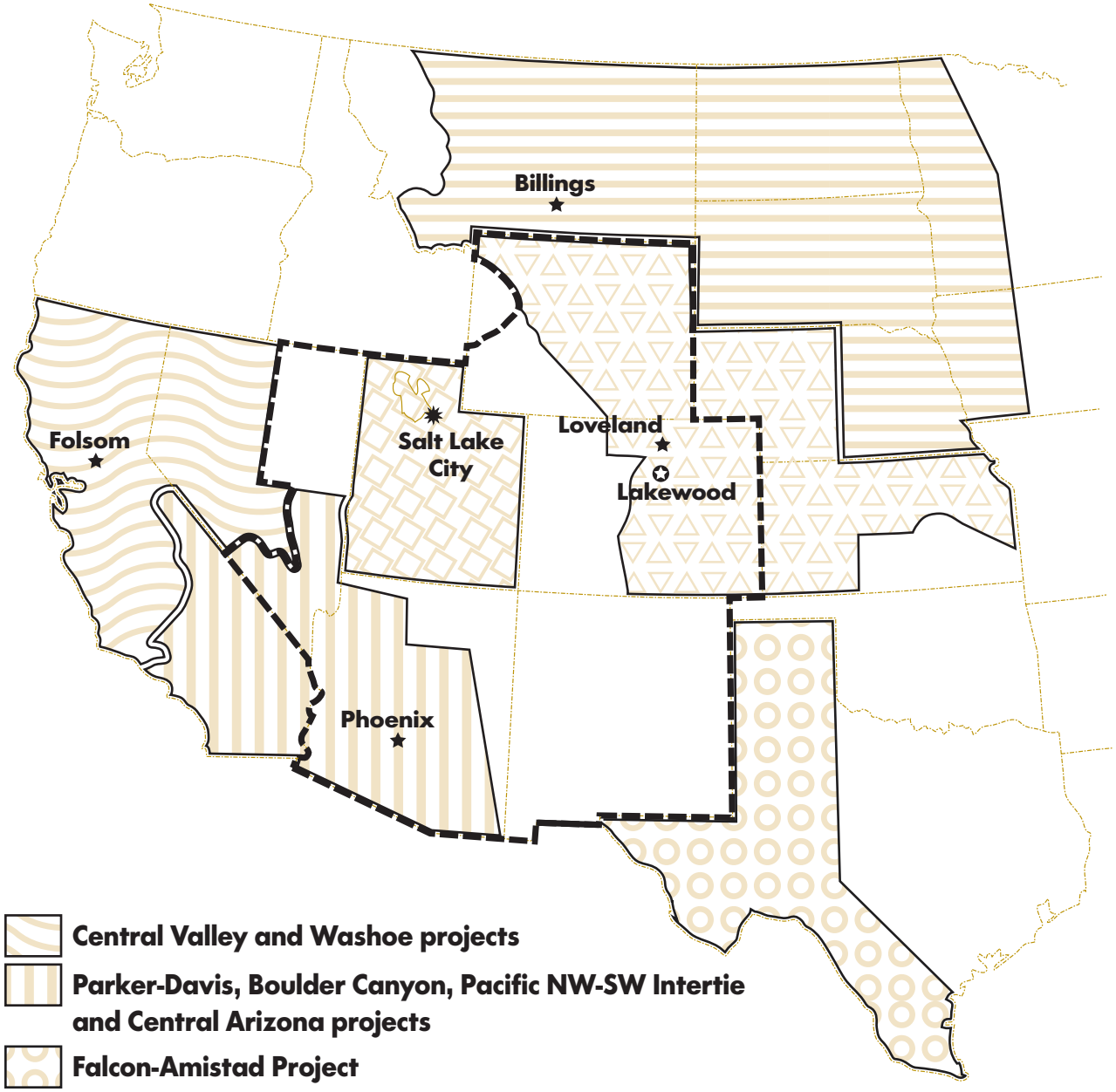
Project marketing areas



- Central Valley and Washoe projects
- Parker-Davis, Boulder Canyon, Pacific NW-SW Intertie and Central Arizona projects
- Falcon-Amistad Project
- Provo River Project
- Loveland Area Projects
  (Pick-Sloan Missouri Basin—Western Division and Fryingpan-Arkansas Project)
- Pick-Sloan Missouri Basin Program—Eastern Division
- Salt Lake City Area/Integrated Projects
  (Colorado River Storage Project, Collbran, Rio Grande, Seedskadee and Dolores projects)

- State Boundaries
- ★ Regional Office
- ✪ Corporate Services Office
- ✸ CRSP Management Center

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IRP Accomplishments

Western undertook a number of actions in FY 2000 to support the Integrated Resource Planning requirements outlined in Section 114 of the Energy Policy Act of 1992. These included:

- Completing the public process to revise the IRP reporting criteria. The approved revisions streamline the IRP reporting criteria and provide new alternatives for annual reports about IRP activity.
- Providing IRP related publications, information and technical assistance to customers through various media, including the *Energy Services Bulletin*, the Energy Services Web site (www.es.wapa.gov) and the Power Line technical assistance hotline (1-800 POWERLN or 1-800-769-3756).
- Loaning technical equipment including infrared cameras, power quality and demand analyzers, energy efficiency lighting display kits, solar and wind energy education kits and blower door kits to customers.
- Providing direct and indirect technical assistance and information services through the regional Energy Services programs.
- Facilitating opportunities for customers to evaluate and implement renewable resources through Western's Non-Hydro Renewable Resources Program.

All firm power customers have prepared IRPs or small customer plans. They also submit regularly annual IRP progress reports or small customer annual updates. In FY 2000, Western received 123 IRP progress reports from individual customers and 72 IRP cooperatives and 110 small customer updates. These IRPs and small customer plans represent 588 long-term firm power customers and customer members.

Highlights from customer annual reporting include:

- 918,202 kW and 367,090,000 kWh saved across Western's service area through demand-side management measures.
- $75,882,300 spent on DSM measures.
- 3,235,700 kW and 9,289,613,800 kWh generated from renewable resources.
- $199,127,400 spent on renewable resources.*

* All renewable spending not reported.

The table summarizes customer demand-side management and renewable resource activities and spending reported in FY 2000 IRP annual progress reports and small customer updates. Small customer data is limited.

 Continued on next page.

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FY 2000 Customer IRP Accomplishments

	CRSP	DSW	RM	SN	UGP
DSM kW savings	27,602 kW	112,100 kW	96,500 kW	70,300 kW	611,700 kW
DSM kWh savings	88,030,600 kWh	131,571,600 kWh	58,613,600 kWh	74,871,700 kWh	14,002,500 kWh
DSM spending	$1,383,900	$9,154,400	$3,943,700	$42,873,700	$18,526,600
DSM spending deviation	$680,100 less than planned	$7,793,900 less than planned	$964,900 more than planned	$786,800 more than planned	$7,492,200 more than planned
DSM program trends	• Commercial/industrial cooling/ventilation • Residential cooling/ventilation • Domestic hot water • Residential lighting • Commercial/industrial lighting • Residential heating • Pump measures • Industrial process measures • Low loss transformers	• Agricultural/irrigation pumps • Commercial/industrial lighting • Residential/industrial/commercial building envelopes • Residential cooling/ventilation • Commercial/industrial appliance rebate program • Transmission/distribution efficiency	• Domestic hot water • Residential heating • Agricultural/irrigation pumps • Transmission and distribution • Commercial/industrial lighting • Residential building envelopes	• Residential cooling/ventilation • Commercial/industrial cooling/ventilation • Commercial/industrial lighting • Commercial/industrial motors • Residential lighting	• Agricultural/irrigation pumps • Domestic hot water • Residential cooling/ventilation • Residential heating • Transmission and distribution • Commercial/industrial lighting
Renewables kW	65,100 kW	1,711,400 kW	51,000 kW	1,210,600 kW	197,600 kW
Renewables kWh	342,106,400 kWh	2,684,638,600 kWh	117,323,500 kWh	5,262,052,100 kWh	883,493,200 kWh
Renewables spending *	$9,134,300	$20,340,400	$5,573,700	$158,418,300	$5,660,700
Renewables spending deviation *	$374,400 less than planned	$15,936,400 more than planned	$5,569,700 more than planned	$1,470,600 more than planned	$860,096 more than planned
Renewables program trends	• Small-scale hydro • Large-scale hydro • Solar photovoltaics • Wind energy • Geothermal energy	• Small-scale hydro • Large-scale hydro • Solar photovoltaics • Solar thermal • Geothermal energy	• Small-scale hydro • Large-scale hydro • Solar photovoltaics • Wind energy	• Small-scale hydro • Large-scale hydro • Solar photovoltaics • Wind energy • Geothermal energy	• Small-scale hydro • Large-scale hydro • Wind energy • Municipal solid waste-to-energy

* All renewable spending not reported.

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Powerplants

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System data

2000

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System profile

As of September 30, 2000

	Boulder Canyon	Central Arizona (Navajo)	Central Valley Project	Falcon-Amistad	Loveland Area Projects	Pacific NW-SW Intertie	Parker-Davis	Pick-Sloan Missouri Basin — Eastern Division	Provo River	Salt Lake City Area Integrated Projects	Washoe	Other	Total Western
Transmission lines													
Circuit miles	57	0	852	0	3,473	761	1,541	7,745	0	2,388	0	0	16,818
Circuit kilometers	92	0	1,371	0	5,589	1,225	2,479	12,438	0	3,843	0	0	27,060
Land													
Acres	1,171	0	12,706	0	34,945	27,122	19,632	92,888	0	35,996	0	160	224,617
Hectares	474	0	5,144	0	14,148	10,861	7,948	37,674	0	14,573	0	65	90,938
Number of substations	3	1	15	0	79	3	34	98	0	25	0	0	258
Number of powerplants	1	1	10	2	19.5	0	2	7.5	1	11	1	0	56.0
Total power revenues - $	46,145,354	74,057,459	162,347,159	4,120,916	50,964,543	0	14,790,876	260,105,525	270,426	153,554,260	224,366	0	766,580,884
Firm power revenues - $	46,145,354	74,057,459	135,854,199	0	43,484,474	0	6,003,769	5,988,770	0	109,231,069	0	0	550,805,094
Nonfirm power revenues - $	0	0	17,300,970	4,120,916	7,444,828	0	5,676,517	120,498,960	270,426	36,777,123	224,366	0	192,314,107
Project use revenues - $	0	0	9,151,989	0	33,621	0	1,009,621	146,517	0	1,474,935	0	0	11,816,683
Interproject sales - $	0	0	0	0	0	0	2,100,969	3,471,278	0	6,071,133	0	0	11,645,000
Number of customers [1]	15	1	111	2	43	0	48	342	2	149	1	0	647

[1] The sum of the projects' number of customers does not equal the total because some customers buy power from more than one project.

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Facilities

Buildings and Communications Sites

Project	Number of buildings	Number of communications sites	Fee area Acres	Fee area Hectares	Withdrawal area [1] Acres	Withdrawal area [1] Hectares	Easement area Acres	Easement area Hectares
Central Arizona (Navajo)	2	0	0	0	0	0	0	0
Central Valley	38	17	0	0	0	0	0	0
Loveland Area Projects	191	80	59	24	0	0	25	10
Pacific NW-SW Intertie	13	0	0	0	0	0	0	0
Parker-Davis	58	58	0	0	0	0	7	3
Pick-Sloan Missouri Basin—Eastern Division	185	148	169	68	2	1	189	76
Salt Lake City Area Integrated Projects	72	65	3	1	0	0	42	17
Western total	**559**	**368**	**231**	**93**	**2**	**1**	**263**	**106**

Substations

Project	Number of substations	Number of buildings	Transformers Number	Transformers Capacity (kVa)	Fee area Acres	Fee area Hectares	Withdrawal area[1] Acres	Withdrawal area[1] Hectares	Easement area Acres	Easement area Hectares
Boulder Canyon	3		9	1,798,999	0	0	0	0	3	1.21
Central Arizona (Navajo)	1		5	228,000	0	0	0	0	0	0
Central Valley	15	21	16	2,162,216	344	139	0	0	0	0
Loveland Area Projects	79	1	73	2,244,708	512	207	0	0	126	51
Pacific NW-SW Intertie	3	12	5	5,131,167	4,529	1,833	4,243	1,717	86	35
Parker-Davis	34	37	39	1,955,874	418	169	115	47	62	25
Pick-Sloan Missouri Basin—Eastern Division	98	225	123	8,104,653	1,597	646	21	8	22	9
Salt Lake City Area Integrated Projects	25	33	38	4,927,895	696	281	129	52	251	102
Western total	**258**	**329**	**308**	**26,553,512**	**8,096**	**3,276**	**4,508**	**1,824**	**550**	**222**

[1] Areas set aside by the Bureau of Land Management for Western transmission and substation use.

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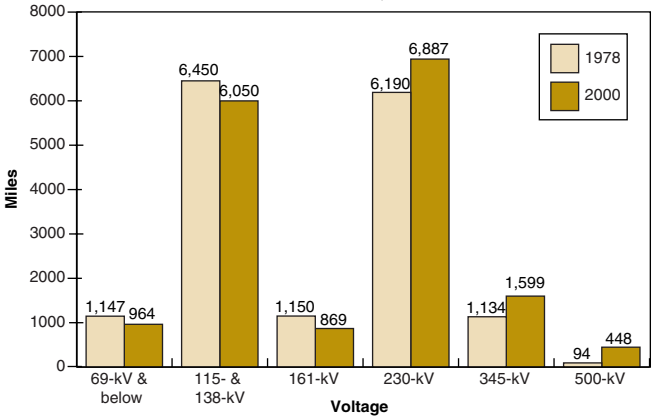
Transmission line summary

(In circuit miles)

State	500-kV Miles	500-kV Kilometers	345-kV Miles	345-kV Kilometers	230-kV Miles	230-kV Kilometers	161-kV Miles	161-kV Kilometers
Arizona	0	0	703.97	1,132.69	813.48	1,308.89	143.01	230.10
California	448.27	721.27	0	0	838.13	1,348.55	232.79	374.56
Colorado	0	0	375.58	604.31	856.60	1,378.27	0	0
Iowa	0	0	20.33	32.71	164.52	264.71	192.23	309.30
Minnesota	0	0	0	0	247.33	397.95	0	0
Missouri	0	0	0	0	0	0	17.95	28.88
Montana	0	0	0	0	559.95	900.96	283.28	455.80
Nebraska	0	0	136.99	220.42	106.06	170.65	0	0
Nevada	0	0	11.40	18.34	147.39	237.15	0	0
New Mexico	0	0	31.86	51.26	67.39	108.43	0	0
North Dakota	0	0	40.74	65.55	983.30	1,582.13	0	0
South Dakota	0	0	260.33	418.87	1,766.12	2,841.69	0	0
Utah	0	0	17.60	28.32	0	0	0	0
Wyoming	0	0	0	0	337.20	542.55	0	0
Total	**448.27**	**721.27**	**1,598.80**	**2,572.47**	**6,887.47**	**11,081.94**	**869.26**	**1,398.64**

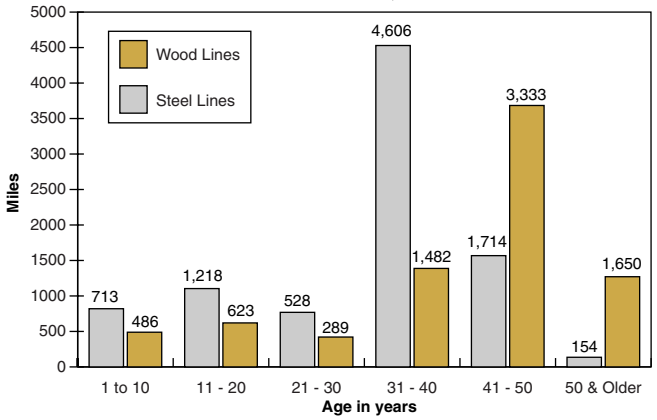
State	138-kV Miles	138-kV Kilometers	115-kV Miles	115-kV Kilometers	69-kV & below Miles	69-kV & below Kilometers	Total Western Miles	Total Western Kilometers
Arizona	0	0	338.80	545.13	114.37	184.02	2,113.63	3,400.83
California	0	0	7.37	11.86	47.85	76.99	1,574.41	2,533.23
Colorado	210.62	338.89	752.55	1,210.85	95.48	153.63	2,290.83	3,685.95
Iowa	0	0	0	0	0	0	377.08	606.72
Minnesota	0	0	14.99	24.12	0	0	262.32	422.07
Missouri	0	0	0	0	0	0	17.95	28.88
Montana	0	0	529.31	851.66	71.36	114.82	1,443.90	2,323.24
Nebraska	0	0	479.48	771.48	75.26	121.09	797.79	1,283.64
Nevada	0	0	0	0	3.40	5.47	162.19	260.96
New Mexico	0	0	0	0	2.70	4.34	101.95	164.04
North Dakota	0	0	886.27	1,426.01	148.36	238.71	2,058.67	3,312.40
South Dakota	0	0	1,343.15	2,161.13	7.06	11.36	3,376.66	5,433.05
Utah	116.80	187.93	0	0	0.32	0.51	134.72	216.76
Wyoming	0	0	1,371.71	2,207.08	397.55	639.66	2,106.46	3,389.29
Total	**327.42**	**526.82**	**5,723.63**	**9,208.32**	**963.71**	**1,550.61**	**16,818.56**	**27,061.06**

Transmission Lines in Service
as of Oct. 1, 2000



Total miles of lines
1978 - 16,165 miles
2000 - 16,818 miles

Transmission Line Age
as of Oct. 1, 2000



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.

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DC Ties — Phase Shifters

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Interconnections

Western has a total of 189 control area interconnections with 21 entities. This includes four ties between our four control areas, including two direct current links. We also have a DC link with the Nebraska Public Power District.

Control Area	Regional Office	Number of Control Area Interconnections
WAUM (East-MAPP)	Upper Great Plains	83
WAUM (West-WSCC)	Upper Great Plains	9
WALC (WSCC)	Desert Southwest	45
WACM (WSCC)	Rocky Mountain and CRSP Management Center	52
	Total	**189**

The Upper Great Plains Region operates two control areas—one in the eastern interconnection and one in the western interconnection. The Desert Southwest Region operates a control area in the western interconnection. The Colorado River Storage Project Management Center and the Rocky Mountain Region operate a combined control area in the western interconnection.

The Sierra Nevada Region operates inside the California Independent System Operator's control area. Sierra Nevada has 53 interconnections with 11 entities. Although not a control area, the Sierra Nevada control center coordinates energy scheduling for most directly connected customers.

We regularly schedule energy with approximately 25 load-serving entities with which we do not have a direct interconnection. Transactions are scheduled irregularly with approximately 75 other load-serving entities with which we do not have direct interconnections. Additional schedules also occur with power marketers and brokers.

We maintain more than 1,700 active contract agreements with utilities in 18 states, which include our more than 600 power customers. We maintain 1,601 load-serving interconnections with 382 customers inside the load control boundaries.

Region	Load-Serving Interconnections
Upper Great Plains	1,040
Rocky Mountain	255
Desert Southwest	243
Sierra Nevada	25
CRSP Management Center	38
Total	**1,601**

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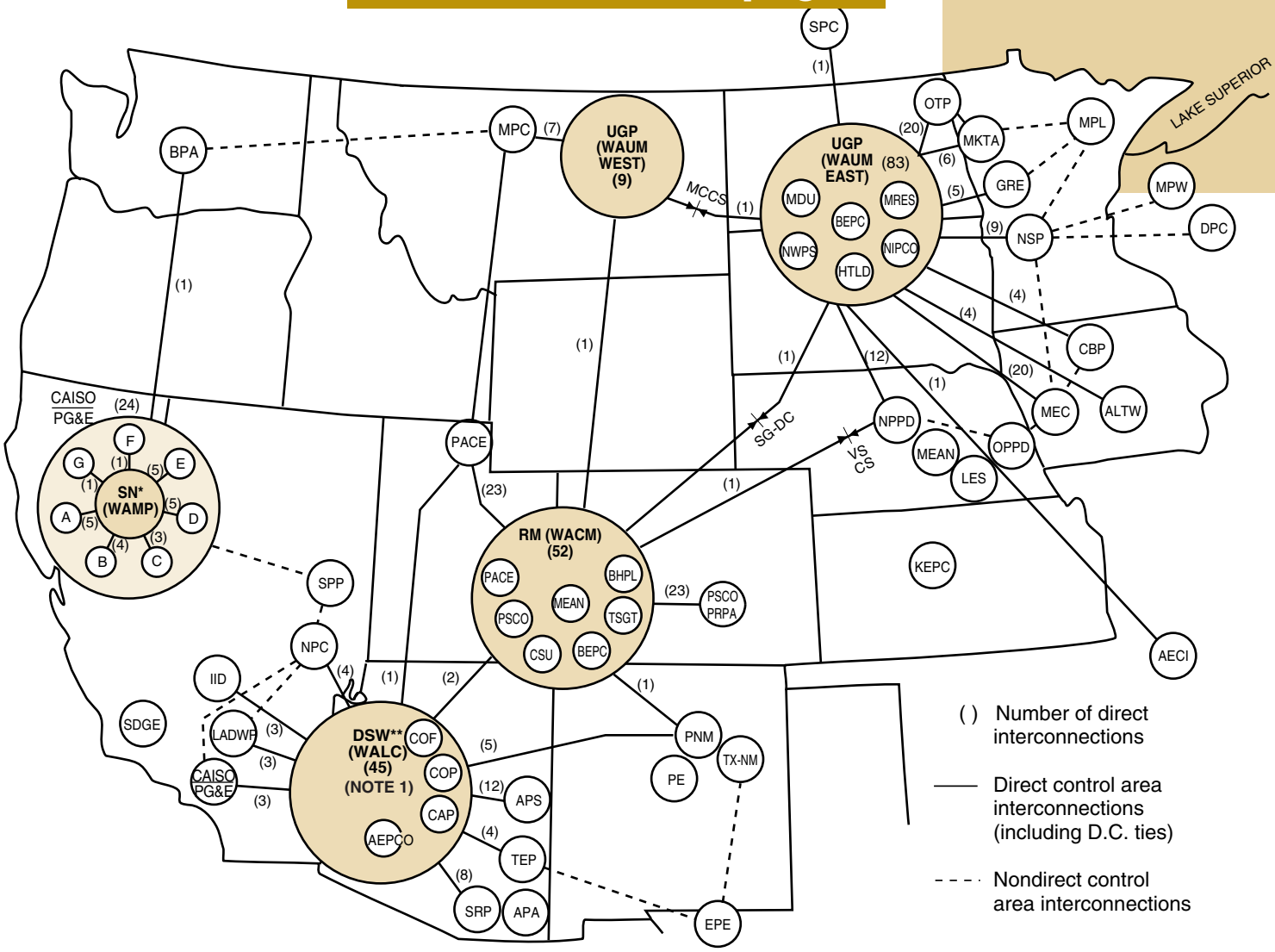

( ) Number of direct interconnections

—— Direct control area interconnections (including D.C. ties)

- - - - Nondirect control area interconnections

* SN does not operate a control area; it operates within the California ISO control area.
**DSW (WALC) also has 12 pseudo ties with CRSP generators in the RM (WACM) control area.

Company	
A	Sacramento Municipal Utility District
B	Redding Electric Department
C	City of Shasta Lake
D	Roseville Electric Department
E	Contra Costa Water District
F	Lawrence Livermore Nat'l Lab
G	Modesto and Turlock irrigation districts
AECI	Associated Electric Cooperative, Inc.
AEPCO	Arizona Electric Power Cooperative
ALTW	Alliant Gas and Electric, Inc.–West
APA	Arizona Power Authority
APS	Arizona Public Service Company
BEPC	Basin Electric Power Cooperative
BHPL	Black Hills Power and Light
BPA	Bonneville Power Administration
CAISO	California Independent System Operator
CAP	Central Arizona Project
CBP	Cornbelt Power Cooperative
COF	City of Farmington
COP	City of Page
CSU	Colorado Springs Utilities
DPC	Dairyland Power Cooperative
EPE	El Paso Electric Company
GRE	Great River Energy Services
HTLD	Heartland Consumers Power District
IEC	Interstate Energy Corporation (Alliant Energy)
IID	Imperial Irrigation District
KEPC	Kansas Electric Power Cooperative
LADWP	Los Angeles Department of Water and Power
LES	Lincoln Electric Service
MRES	Missouri River Energy Services
MDU	Montana-Dakota Utilities
MEAN	Municipal Energy Agency of Nebraska
MKTA	Minnkota Power Cooperative
MPC	Montana Power Company
MPL	Minnesota Power and Light
MPW	Muscastine Power and Water
MEC	MidAmerica Energy Company
NIPCO	Northwest Iowa Power Cooperative
NPC	Nevada Power Company
NPPD	Nebraska Public Power District
NSP	Northern States Power Co.
NWPS	Northwestern Public Service Co.
OPPD	Omaha Public Power District
OTP	Otter Tail Power Company
PACE	PacifiCorp East
PE	Plains Electric (New Mexico)
PG&E	Pacific Gas and Electric Co.
PNM	Public Service Company of New Mexico
PRPA	Platte River Power Authority
PSCO	Public Service Company of Colorado
SCE	Southern California Edison
SDGE	San Diego Gas and Electric Co.
SPC	Saskatchewan Power Corporation
SPP	Sierra Pacific Power Company
SRP	Salt River Project
TEP	Tucson Electric Power Company
TSGT	Tri-State Generation and Transmission Assn.
TX-NM	Texas-New Mexico Power Company

DC Tie Information		Capacity East to West	Capacity West to East
MCCS	Miles City Converter Station	200 MW	150 MW
VSCS	Virginia Smith Converter Station	200 MW	200 MW
SG-DC	Stegall DC tie (David Hamil Converter Station)	100 MW	100 MW

SN (WAMP)	Sierra Nevada Region (Western Area Mid Pacific)
DSW (WALC)	Desert Southwest Region (Western Area Lower Colorado)
RM (WACM)	Rocky Mountain Region (Western Area Colorado Missouri)
UGP (WAUM West)	Upper Great Plains Region (Western Area Upper Missouri—West)
UGP (WAUM East)	Upper Great Plains Region (Western Area Upper Missouri—East)

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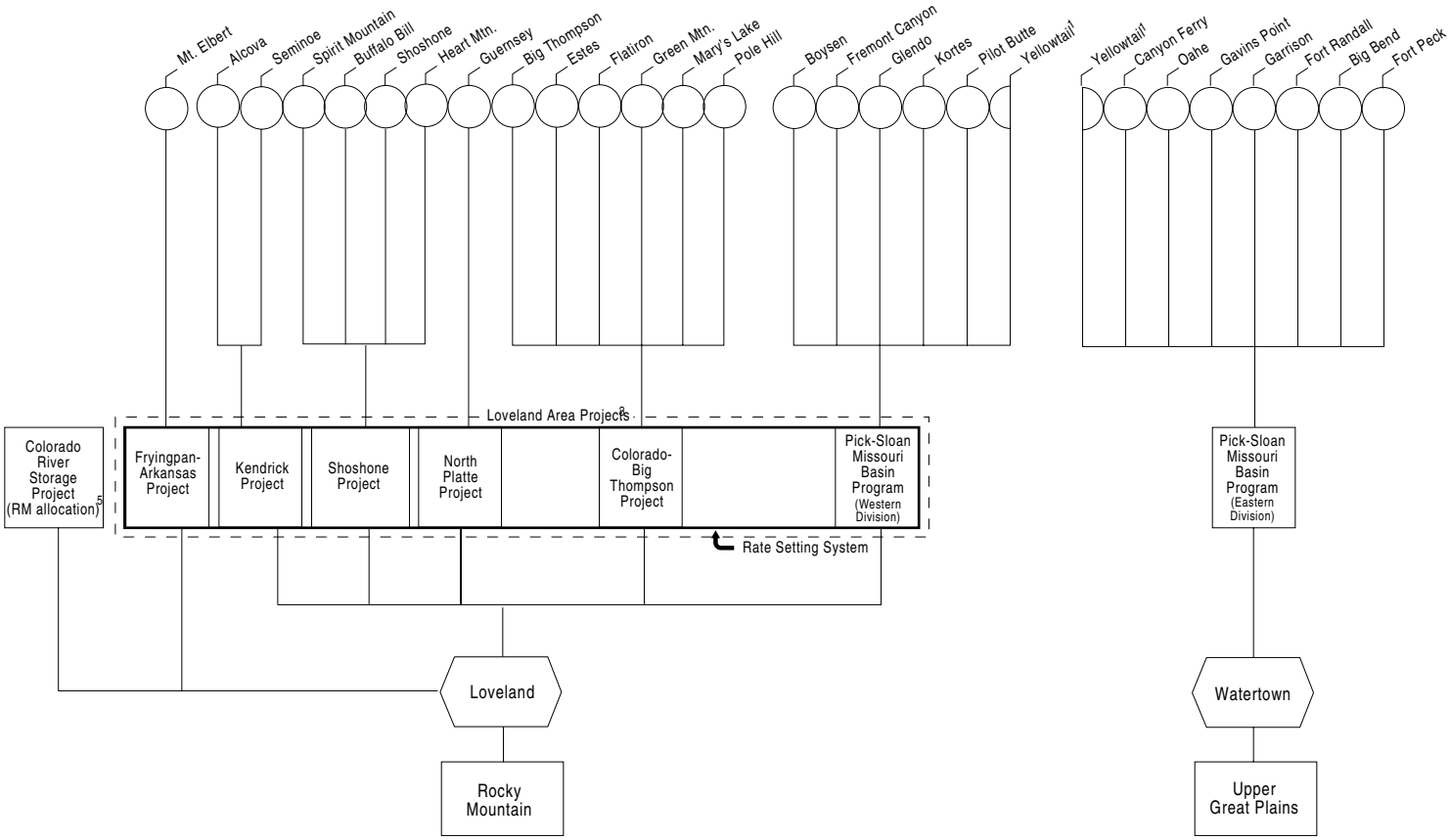
Power marketing system



[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.

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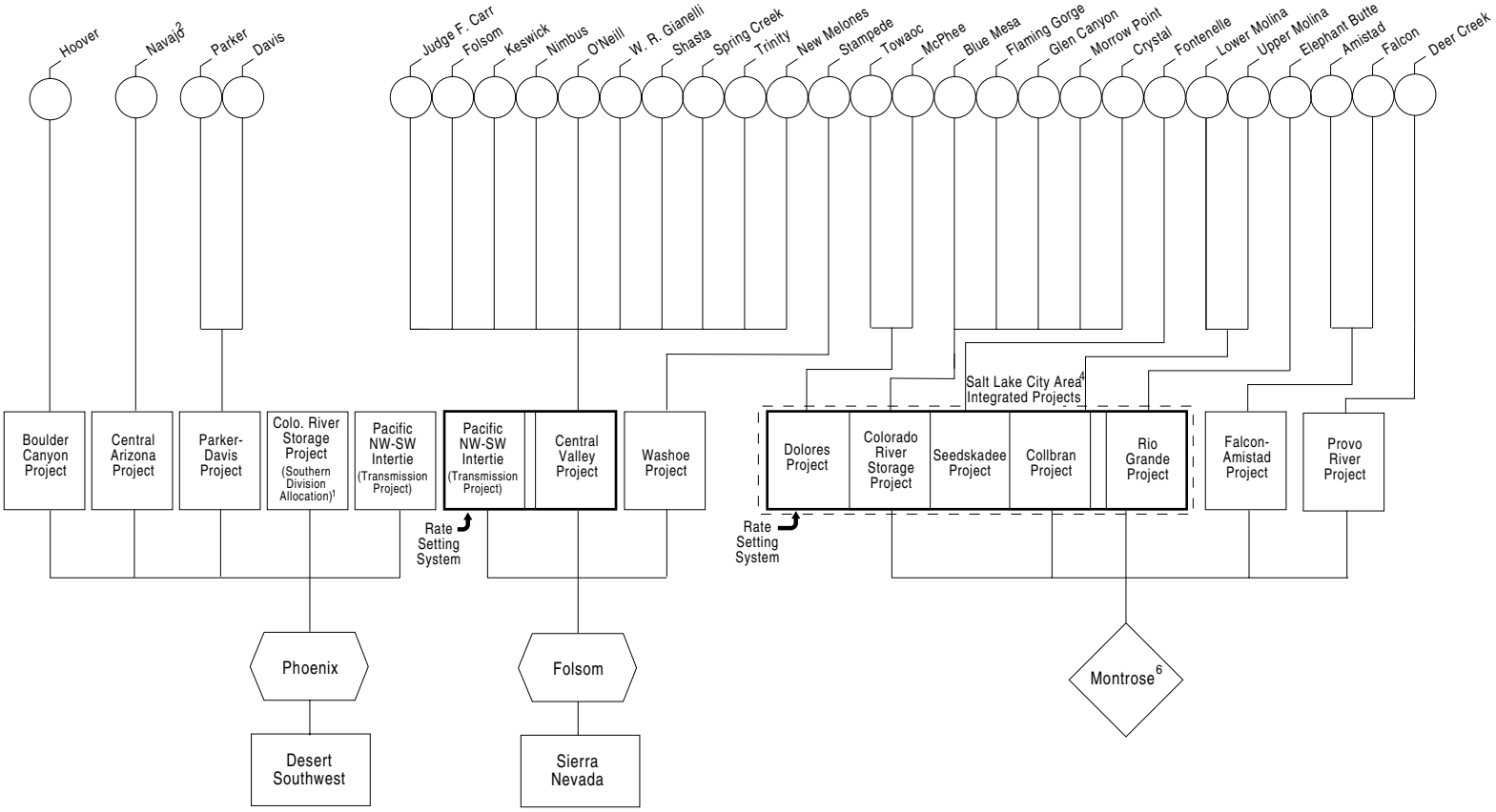

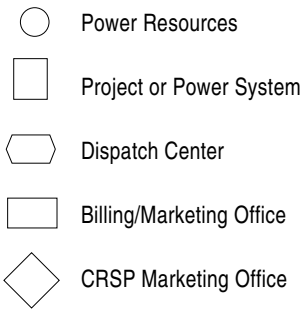

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Powerplants

As of September 30, 2000

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation GWh [2] FY 2000	Net generation GWh [2] FY 1999
Boulder Canyon									
Arizona-Nevada									
Hoover	Reclamation	Colorado	Sep 36	19	2,074 [3]	1,815	2,074	5,292	5,507
Boulder Canyon total				**19**	**2,074**	**1,815**	**2,074**	**5,292**	**5,507**
Central Arizona									
Arizona									
Navajo	SRP	n/a [4]	May 74	3	547 [5]	547	547	4,473	4,072
Central Arizona total				**3**	**547**	**547**	**547**	**4,473**	**4,072**
Central Valley									
California									
J.F. Carr	Reclamation	Clear Creek Tunnel	May 63	2	154	140	140	597	563
Folsom	Reclamation	American	May 55	3	215	189	165	582	727
Keswick	Reclamation	Sacramento	Oct 49	3	105	80	33	478	518
New Melones	Reclamation	Stanislaus	Jun 79	2	383	370	370	484	729
Nimbus	Reclamation	American	May 55	2	14	8	11	67	114
O'Neill [6]	Reclamation	San Luis Creek	Nov 67	6	29	1	0	9	5
Shasta	Reclamation	Sacramento	Jun 44	7	625	620	588	2,083	2,466
Spring Creek	Reclamation	Spring Creek Tunnel	Jan 64	2	200	180	180	759	598
Trinity	Reclamation	Trinity	Feb 64	3	140 [7]	130	130	673	574
W.R. Gianelli [6]	CDWR	San Luis Creek	Mar 68	8	202 [8]	122	170	111	199
Central Valley total				**38**	**2,068**	**1,840**	**1,787**	**5,842**	**6,492**
Falcon-Amistad									
Texas									
Amistad	IBWC	Rio Grande	Jun 83	2	66 [9]	66	66	84	56
Falcon	IBWC	Rio Grande	Oct 54	3	32 [9]	32	32	40	31
Falcon-Amistad total				**5**	**98**	**98**	**98**	**124**	**88**
Loveland Area Projects									
Colorado									
Big Thompson	Reclamation	Trans-mtn. Div.	Apr 59	1	5	2	5	9	9
Estes	Reclamation	Trans-mtn. Div.	Sep 50	3	51	51	15	96	72
Flatiron [6]	Reclamation	Trans-mtn. Div.	Jan 54	3	95	86	71	193	189
Green Mountain	Reclamation	Blue	May 43	2	25	12	28	46	69
Marys Lake	Reclamation	Trans-mtn. Div.	May 51	1	8	8	3	38	26
Mount Elbert [6]	Reclamation	Arkansas	Oct 81	2	206	206	196	363	267
Pole Hill	Reclamation	Trans-mtn. Div.	Jan 54	1	33	32	33	157	147
Montana									
Yellowtail [10]	Reclamation	Big Horn	Aug 66	2	144	186	132	353	654
Wyoming									
Alcova	Reclamation	North Platte	Jul 55	2	40	36	38	122	123
Boysen	Reclamation	Wind	Aug 52	2	18	10	16	61	101
Buffalo Bill	Reclamation	Shoshone	May 95	3	18	15	18	72	108
Fremont Canyon	Reclamation	North Platte	Dec 60	2	66	66	66	277	274
Glendo	Reclamation	North Platte	Dec 58	2	38	34	38	89	130
Guernsey	Reclamation	North Platte	Jul 99	2	7	6	7	23	24
Heart Mountain	Reclamation	Shoshone	Dec 48	1	5	5	5	15	21
Kortes	Reclamation	North Platte	Jun 50	3	39	45	39	116	158
Pilot Butte	Reclamation	Wind	Jan 99	2	2	1	2	2	4
Seminoe	Reclamation	North Platte	Aug 39	3	51	51	53	101	179
Shoshone	Reclamation	Shoshone	May 95	1	3	3	3	22	24
Spirit Mountain	Reclamation	Shoshone	May 95	1	5	5	5	16	16
Loveland Area Projects total				**39**	**864**	**860**	**773**	**2,172**	**2,596**

 Continued on next page.

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Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation (GWh) [2] FY 2000	Net generation (GWh) [2] FY 1999
Parker-Davis									
Arizona									
Davis	Reclamation	Colorado	Jan 51	5	232	232	232	1,280	1,395
California									
Parker	Reclamation	Colorado	Dec 42	4	54 [9]	54	54	268	291
Parker-Davis total				**9**	**286**	**286**	**286**	**1,548**	**1,686**
Pick-Sloan—Eastern Division									
Montana									
Canyon Ferry	Reclamation	Missouri	Dec 53	3	60	60	60	310	421
Fort Peck	Corps	Missouri	Jul 43	5	218	207	211	913	1,079
Yellowtail [10]	Reclamation	Big Horn	Aug 66	2	144	139	108	362	654
North Dakota									
Garrison	Corps	Missouri	Jan 56	5	546	474	484	2,176	2,607
South Dakota									
Big Bend	Corps	Missouri	Oct 64	8	538	498	467	1,157	1,090
Fort Randall	Corps	Missouri	Mar 54	8	387	353	370	2,062	2,199
Gavins Point	Corps	Missouri	Sep 56	3	122	110	111	849	860
Oahe	Corps	Missouri	Apr 62	7	786	703	728	3,149	3,125
Pick-Sloan Eastern Division total				**41**	**2,801**	**2,544**	**2,539**	**10,979**	**12,035**
Provo River									
Utah									
Deer Creek	PRWUA	Provo	Feb 58	2	5	5	5	25	32
Provo River total				**2**	**5**	**5**	**5**	**25**	**32**
Salt Lake City Area/Integrated Projects									
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 64	8	1,356	1,296	1,296	4,600	5,548
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 67	2	96	86	86	279	269
Crystal	Reclamation	Gunnison	Sep 78	1	28	28	28	182	164
Lower Molina	Reclamation	Pipeline	Dec 62	1	5	5	5	14	18
McPhee	Reclamation	Dolores	Jun 93	1	1	1	1	6	4
Morrow Point	Reclamation	Gunnison	Dec 70	2	165	165	165	358	324
Towaoc	Reclamation	Canal	Jun 93	1	11	11	11	23	18
Upper Molina	Reclamation	Pipeline	Dec 62	1	9	9	9	25	30
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 40	3	28	28	28	92	102
Utah									
Flaming Gorge	Reclamation	Green	Nov 63	3	152	152	152	495	781
Wyoming									
Fontenelle	Reclamation	Green	May 68	1	13	10	10	64	76
Salt Lake City Area/Integrated Projects total				**24**	**1,864**	**1,792**	**1,792**	**6,138**	**7,336**
Washoe									
California									
Stampede	Reclamation	Little Truckee	Dec 86	1	4	4	3	12	15
Washoe total				**1**	**4**	**4**	**3**	**12**	**15**
Grand total				**181**	**10,610**	**9,789**	**9,902**	**36,605**	**39,860**

1 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.
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 Excludes 4.8 MW reserved for plant use but included in number of units.
4 Coal-fired powerplant.
5 United States' share (24.3 percent) of 2,250 MW plant capability.
6 Pump/generating plant.
7 Includes 0.35 MW at Lewiston Powerplant.
8 Federal share of 424 MW capability.
9 United States' share (50 percent) of plant capability.
10 RMR and UGPR each market half of the plant capability and energy.

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

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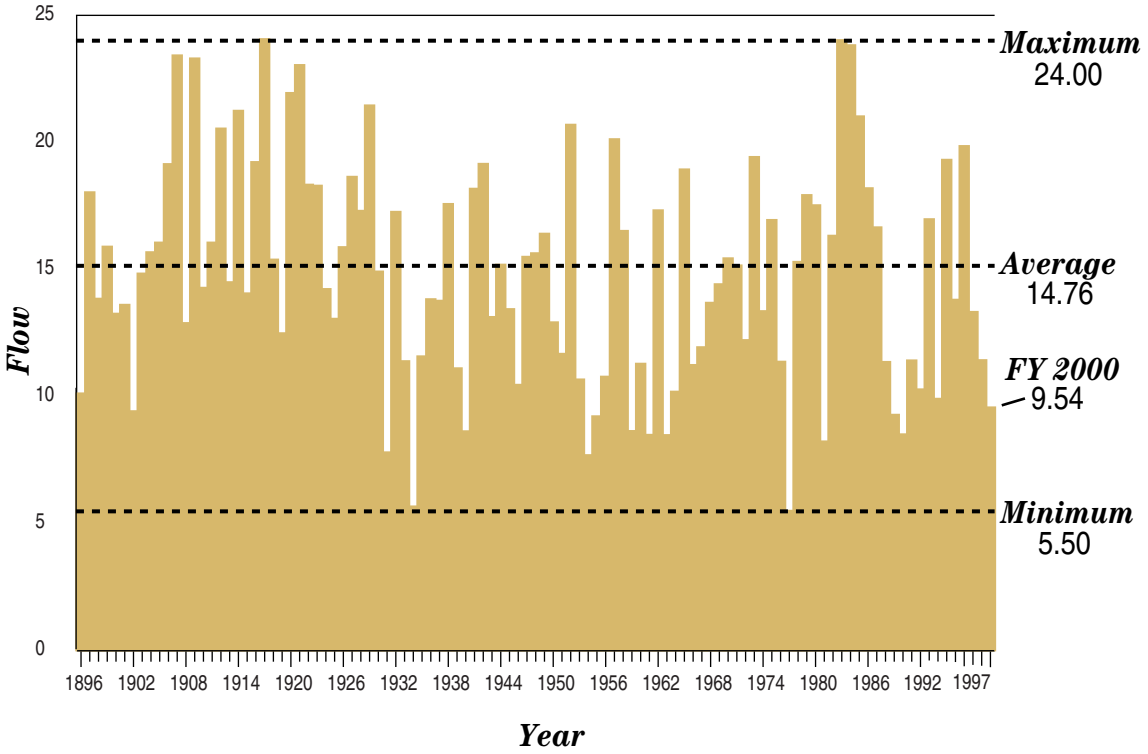
Historical flows

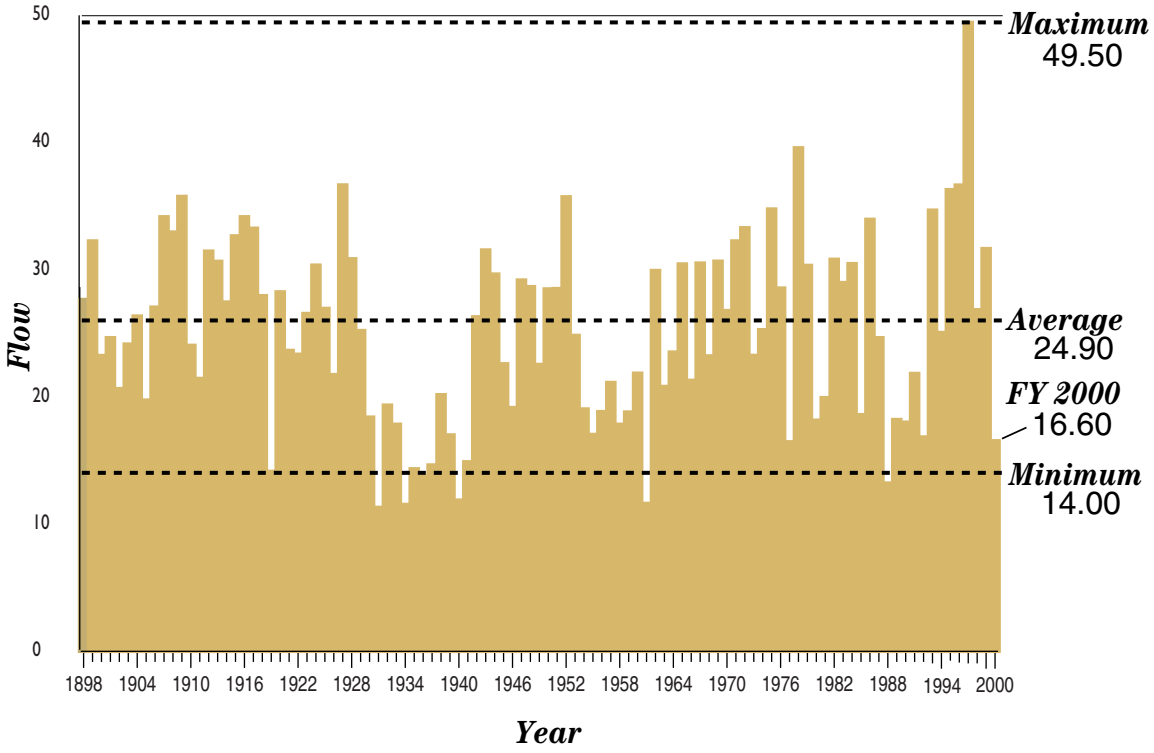
Colorado River Flow at Lees Ferry, Arizona

(in million acre-feet)



Missouri River Flow at Sioux City, Iowa

(in million acre-feet)



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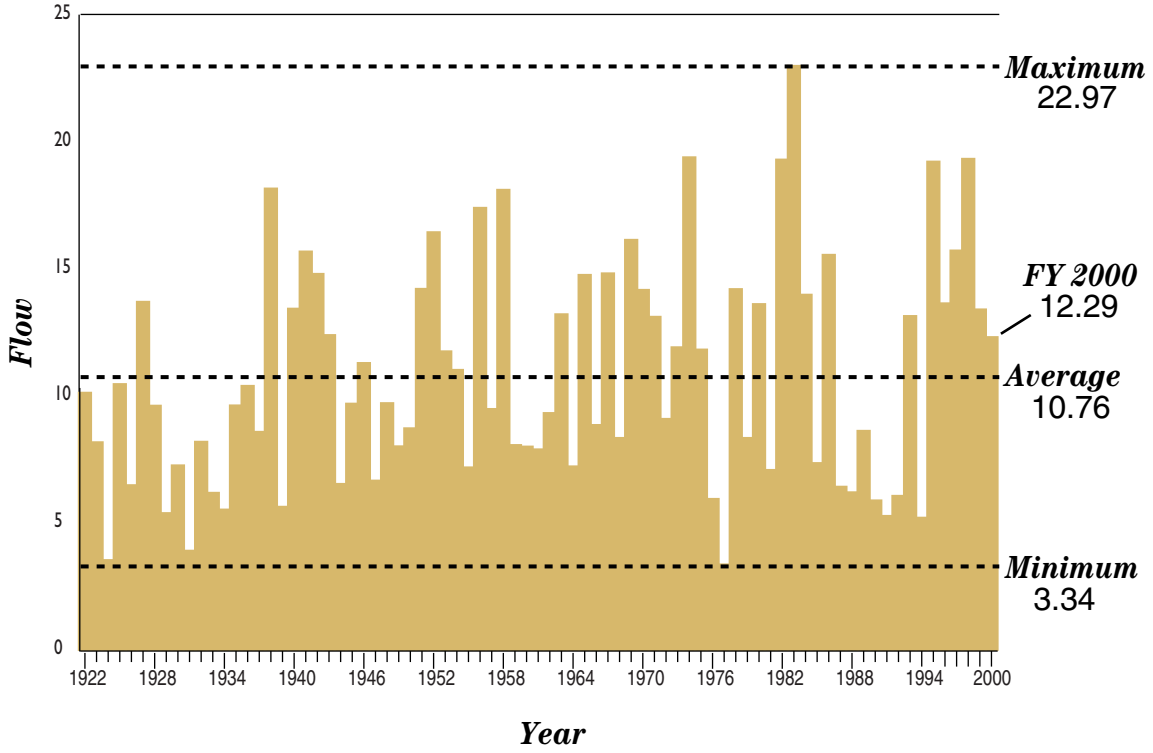
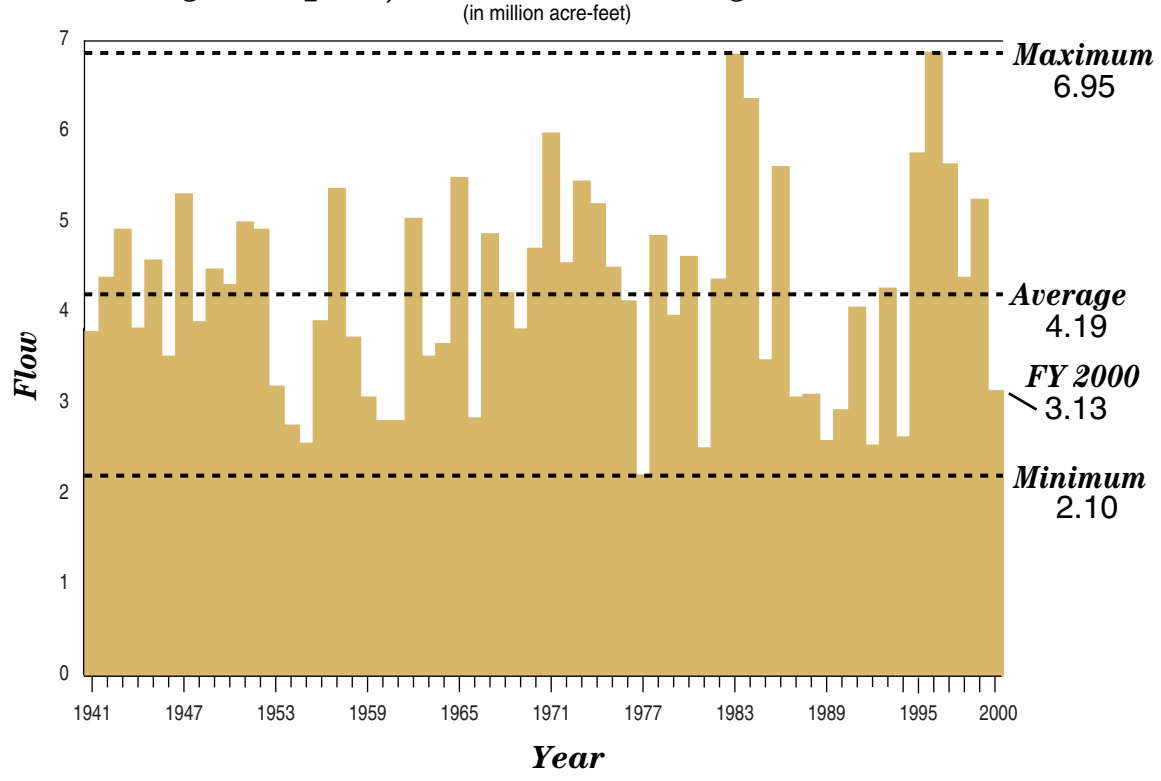
Sacramento and San Joaquin Rivers Annual Flow to Clair Engle, Shasta, Folsom and New Melones Reservoirs

(in million acre-feet)



Big Thompson, North Platte and Bighorn Rivers

(in million acre-feet)



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Resources

Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resource		
Net generation [1]	36,486	39,641
Interchange		
Received	1,248	782
Delivered	440	420
Net	808	362
Purchases		
Non-Western	10,378	6,567
Western	186	331
Total purchases	10,564	6,898
Total energy resources	**47,858**	**46,901**

	(GWh) FY 2000	FY 1999
Energy disposition		
Sales of electric energy		
Western	43,322	42,654
Project use (Reclamation)	1,811	1,583
Total sales of electric energy	45,133	44,237
Other		
Interarea/interproject/ interdepartment	210	443
Other deliveries	1,469	377
Total other	1,679	820
Total energy delivered	46,812	45,057
System and contractual losses	1,046	1,844
Total energy disposition	**47,858**	**46,901**

[1] Reduced by Gianelli and O'Neill generation (120 GWh), which is offset against project use sales.

Capability and Net Generation

Project	Number of units	Installed capability FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	July 1, 1999	Net generation (GWh) FY 2000	FY 1999
Boulder Canyon	17	2,074	1,815	2,074	5,292	5,507
Central Arizona	3	547	547	547	4,473	4,072
Central Valley	36	2,068	1,840	1,787	5,842	6,492
Falcon-Amistad	5	98	98	98	124	88
Loveland Area Projects	39	864	860	773	2,172	2,596
Parker-Davis	9	286	286	286	1,548	1,686
Pick-Sloan Missouri Basin Program—Eastern Division	41	2,801	2,544	2,539	10,979	12,035
Provo River	2	5	5	5	25	32
Salt Lake City Area/ Integrated Projects	24	1,864	1,792	1,792	6,138	7,336
Washoe	1	3	3	3	12	15
Totals	**177**	**10,610**	**9,789**	**9,902**	**36,605**	**39,860**

Capability and Net Generation by State

State	Number of units	Installed capability FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	July 1, 1999	Net generation (GWh) FY 2000	FY 1999
Arizona	24	3,172	2,983	3,112	12,999	13,768
California	41	2,125	1,897	1,844	6,122	6,798
Colorado	22	743	703	657	1,789	1,608
Montana	12	566	592	511	1,939	2,808
North Dakota	5	546	474	484	2,176	2,607
Nevada	9	1,037	908	1,037	2,646	2,754
New Mexico	3	28	28	28	92	102
South Dakota	26	1,833	1,664	1,676	7,217	7,274
Texas	5	98	98	98	124	88
Utah	5	157	157	157	520	814
Wyoming	25	305	287	300	980	1,239
Totals	**177**	**10,610**	**9,789**	**9,902**	**36,605**	**39,860**

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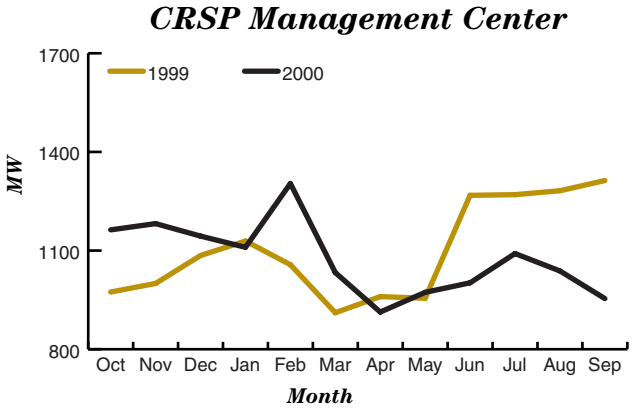
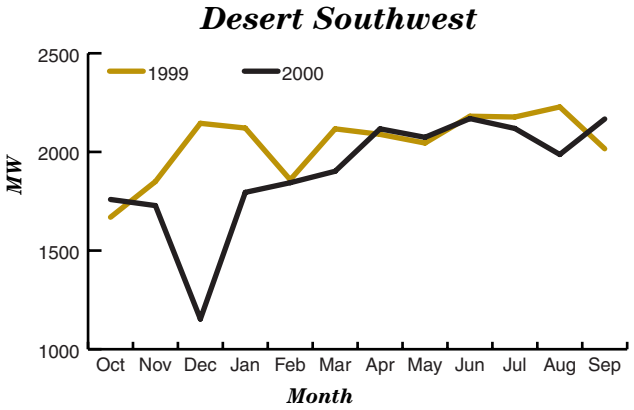
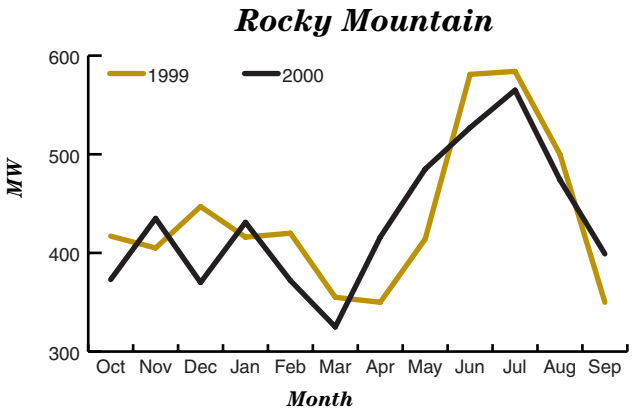
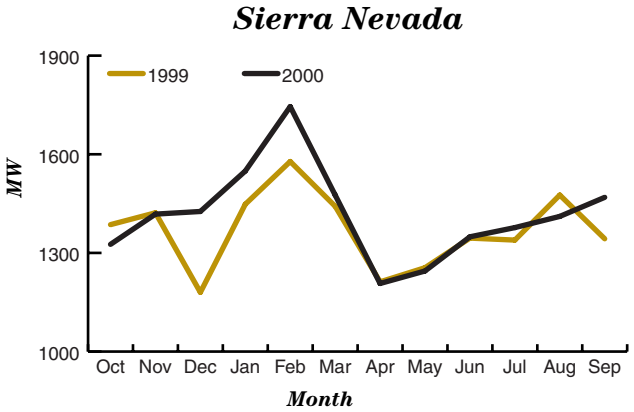
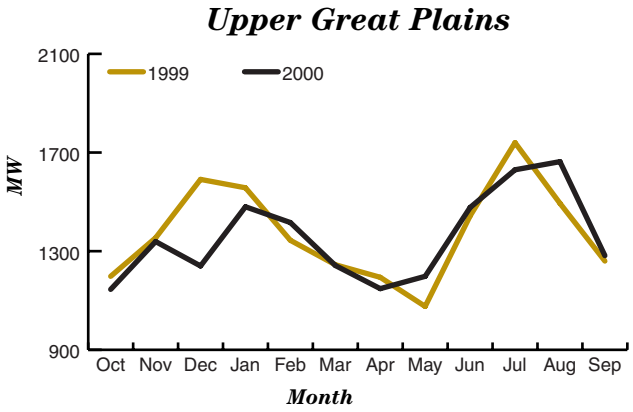
Peak firm loads

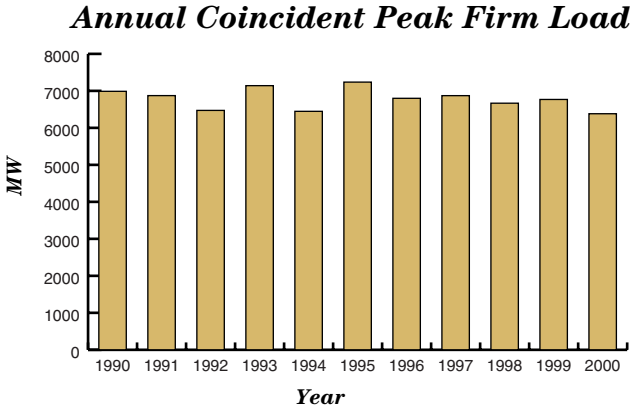












These graphs show monthly regional at-plant coincident peak firm loads, except that Sierra Nevada Project Use loads may not be coincident with the load management loads. Amounts for Desert Southwest and Rocky Mountain exclude Salt Lake City Area/Integrated Project loads. They are included in the CRSP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

Our FY 2000 coincident firm and contingent peak load was 6,382 MW. The peak occurred on July 14 during the hour ending at 4 p.m. (MDT).

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Sales summary

Power Sales by Project

Project	FY 2000 (MWh)	FY 2000 Revenue ($)	FY 1999 (MWh)	FY 1999 Revenue ($)
Boulder Canyon	5,192,958	46,145,354	5,182,064	48,867,047
Central Arizona (Navajo) [1]	4,473,658	74,057,459	4,072,000	74,879,056
Central Valley	10,827,937	162,347,159	9,703,215	158,772,795
Falcon-Amistad	123,943	4,120,916	87,958	3,291,652
Loveland Area Projects	2,287,108	50,964,543	2,198,245	46,116,413
Parker-Davis	1,579,798	14,790,876	1,766,042	10,650,205
Pick-Sloan Missouri Basin—Eastern Div.	13,061,522	260,105,525	13,325,478	235,306,023
Provo River	14,265	270,426	16,951	208,261
Salt Lake City Area Integrated Projects	7,770,238	153,554,260	8,690,941	143,388,660
Washoe	12,338	224,366	15,191	271,773
Total Western [2]	**45,343,765**	**766,580,884**	**45,058,085**	**721,751,885**

[1] Includes firm, nonfirm, project use, interdepartmental and interproject (reported as Other Income on Financial Statements) customers and energy sales to them.

[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.

Power Sales by Customer Category

Customer Category	FY 2000 (MWh)	FY 2000 Revenue ($)	FY 1999 (MWh)	FY 1999 Revenue ($)
Municipalities	11,788,663	182,257,045	11,134,159	171,611,733
Cooperatives	8,372,817	147,168,321	8,723,656	146,068,807
Federal agencies	2,413,824	36,205,630	2,416,233	36,170,728
State agencies	11,149,725	149,053,633	11,255,285	157,946,346
Public utility districts	4,105,589	73,859,107	4,167,926	83,153,692
Irrigation districts	634,079	8,559,253	613,882	7,984,979
Investor-owned utilities	2,521,728	85,752,199	3,122,012	64,326,645
Power marketers	2,335,342	60,264,013	1,598,144	33,547,874
Subtotal	**43,321,767**	**743,119,201**	**43,031,296**	**700,810,804**
Project use	1,811,425	11,816,683	1,584,229	10,496,771
Interproject	210,573	11,645,000	442,560	10,444,311
Total Western	**45,343,765**	**766,580,884**	**45,058,085**	**721,751,886**

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Power Sales by State and Customer Class

State [1]	Municipalities	Cooperatives	Federal agencies	State agencies	Public utility districts	Irrigation districts	Investor-owned utilities	Power marketers	Inter-project	Project use	Total
Alabama											
Energy sales - MWh	0	0	0	0	0	0	0	27,122	0	0	27,122
Power revenue - $	0	0	0	0	0	0	0	498,107	0	0	498,107
Arizona											
Energy sales - MWh	98,315	181,208	554,338	6,380,605	0	92,048	55,070	0	365	182,652	7,544,601
Power revenue - $	762,703	1,910,458	6,467,017	95,741,440	0	954,831	2,353,956	0	16,562	1,009,621	109,216,588
California											
Energy sales - MWh	5,635,968	128,426	1,449,418	1,581,099	2,776,543	533,208	276,693	202,032	0	1,490,715	14,074,102
Power revenue - $	85,727,541	2,121,880	22,262,316	12,943,618	46,276,452	7,517,327	4,594,889	8,975,836	0	9,151,989	199,571,848
Colorado											
Energy sales - MWh	612,889	2,220,853	66,942	904,232	0	0	287,111	0	210,208	40,677	4,342,912
Power revenue - $	11,981,460	43,916,817	1,134,685	15,311,591	0	0	14,414,806	0	11,628,438	765,109	99,152,906
Connecticut											
Energy sales - MWh	0	0	0	0	0	0	0	138,754	0	0	138,754
Power revenue - $	0	0	0	0	0	0	0	4,006,978	0	0	4,006,978
Georgia											
Energy sales - MWh	0	0	0	0	0	0	0	111,639	0	0	111,639
Power revenue - $	0	0	0	0	0	0	0	3,132,972	0	0	3,132,972
Iowa											
Energy sales - MWh	681,757	521,918	0	0	0	0	30,183	192,528	0	0	1,426,386
Power revenue - $	9,623,898	6,970,689	0	0	0	0	920,646	4,350,403	0	0	21,865,636
Idaho											
Energy sales - MWh	0	0	0	0	0	0	476,439	0	0	0	476,439
Power revenue - $	0	0	0	0	0	0	20,686,463	0	0	0	20,686,463
Kansas											
Energy sales - MWh	96,458	94,568	0	0	0	0	0	0	0	0	191,026
Power revenue - $	2,027,847	1,541,031	0	0	0	0	0	0	0	0	3,568,878
Massachusetts											
Energy sales - MWh	0	0	0	0	0	0	0	20,647	0	0	20,647
Power revenue - $	0	0	0	0	0	0	0	474,452	0	0	474,452
Minnesota											
Energy sales - MWh	1,482,207	602,499	0	40,597	12,258	0	263,502	469,146	0	0	2,870,209
Power revenue - $	20,348,923	8,307,804	0	552,151	282,615	0	6,182,011	11,231,808	0	0	46,905,312
Missouri											
Energy sales - MWh	0	0	0	0	0	0	461,987	499,017	0	0	961,004
Power revenue - $	0	0	0	0	0	0	10,453,517	13,396,019	0	0	23,849,536
Montana											
Energy sales - MWh	0	675,806	2,924	5,262	0	4,290	154,409	0	0	28,734	871,425
Power revenue - $	0	9,806,429	7,380	47,622	0	37,626	9,266,911	0	0	71,574	19,237,542
North Dakota											
Energy sales - MWh	188,466	863,909	2,535	100,799	0	0	32,068	60,948	0	5,824	1,254,549
Power revenue - $	2,778,740	18,142,826	39,818	1,507,939	0	0	914,087	1,500,844	0	31,705	24,915,959
Nebraska											
Energy sales - MWh	634,272	194,070	0	328,298	1,215,371	0	0	4,562	0	3,830	2,380,403
Power revenue - $	12,000,514	4,360,014	0	6,172,544	24,960,098	0	0	376,797	0	8,605	47,878,572
New Mexico											
Energy sales - MWh	213,942	814,782	144,017	0	0	0	250,863	0	0	41,474	1,465,078
Power revenue - $	3,582,194	14,150,390	2,814,838	0	0	0	7,164,963	0	0	691,815	28,404,200
Nevada											
Energy sales - MWh	80,001	96,292	27,291	1,602,378	0	0	40,327	0	0	0	1,846,289
Power revenue - $	567,339	1,623,066	138,162	13,465,697	0	0	1,213,296	0	0	0	17,007,560
Ohio											
Energy sales - MWh	0	0	0	0	0	0	5,018	0	0	0	5,018
Power revenue - $	0	0	0	0	0	0	152,172	0	0	0	152,172

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Power Sales by State and Customer Class, cont.

State	Municipalities	Cooperatives	Federal agencies	State agencies	Public utility districts	Irrigation districts	Investor-owned utilities	Power marketers	Inter-project	Project use	Total
Oregon											
Energy sales - MWh	0	0	0	0	0	0	86,466	0	0	0	86,466
Power revenue - $	0	0	0	0	0	0	1,936,150	0	0	0	1,936,150
South Dakota											
Energy sales - MWh	716,519	993,954	104,551	114,709	95,918	0	31,263	0	0	3,887	2,060,801
Power revenue - $	10,424,885	13,792,906	2,415,908	1,664,109	2,218,357	0	1,114,122	0	0	34,633	31,664,920
Texas											
Energy sales - MWh	0	123,943	0	0	0	0	4,803	237,421	0	0	366,167
Power revenue - $	0	4,120,916	0	0	0	0	203,795	5,429,695	0	0	9,754,406
Utah											
Energy sales - MWh	1,328,216	456,746	44,978	31,934	0	4,363	65,301	0	0	960	1,932,498
Power revenue - $	22,053,791	7,728,905	630,041	391,813	0	45,645	4,175,840	0	0	19,952	35,045,987
Wisconsin											
Energy sales - MWh	0	0	0	0	5,499	0	225	0	0	0	5,724
Power revenue - $	0	0	0	0	121,585	0	4,575	0	0	0	126,160
Wyoming											
Energy sales - MWh	19,653	403,843	16,830	59,812	0	170	0	0	0	12,672	512,980
Power revenue - $	377,210	8,674,190	295,465	1,255,109	0	3,824	0	0	0	31,680	10,637,478
Canada											
Energy sales - MWh	0	0	0	0	0	0	0	371,526	0	0	371,526
Power revenue - $	0	0	0	0	0	0	0	6,890,102	0	0	6,890,102
TOTAL											
Energy sales - MWh	11,788,663	8,372,817	2,413,824	11,149,725	4,105,589	634,079	2,521,728	2,335,342	210,573	1,811,425	45,343,765
Power revenue - $	182,257,045	147,168,321	36,205,630	149,053,633	73,859,107	8,559,253	85,752,199	60,264,013	11,645,000	11,816,683	766,580,884

[1] Sales are counted in the state where the purchasing entity is headquartered. For most customer categories, power is delivered within this or neighboring states where the purchasing entity serves its customers. However, sales to power marketers may not be delivered to the region where the entity is headquartered.

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Firm and Nonfirm Energy Sales by Project

Project	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Boulder Canyon						
Energy sales - MWh	5,192,958	0	5,192,958	5,182,064	0	5,182,064
Power revenues - $	46,145,354	0	46,145,354	48,842,125	24,922	48,867,047
Central Arizona						
Energy sales - MWh	4,473,658	0	4,473,658	4,072,000	0	4,072,000
Power revenues - $	74,057,459	0	74,057,459	74,879,056	0	74,879,056
Central Valley						
Energy sales - MWh	8,485,742	851,480	9,337,222	8,060,701	354,192	8,414,893
Power revenues - $	135,894,199	17,300,970	153,195,170	140,868,001	9,204,794	150,072,795
Falcon-Amistad						
Energy sales - MWh	0	123,943	123,943	0	87,958	87,958
Power revenues - $	0	4,120,916	4,120,916	0	3,291,652	3,291,652
Loveland Area Projects						
Energy sales - MWh	2,038,775	235,324	2,274,099	2,160,319	28,784	2,189,103
Power revenues - $	43,484,474	7,444,828	50,929,302	45,665,655	427,290	46,092,946
Parker-Davis						
Energy sales - MWh	1,174,101	173,843	1,347,945	1,249,727	197,853	1,447,580
Power revenues - $	6,003,769	5,676,517	11,680,286	3,082,127	4,340,999	7,423,127
Provo River						
Energy sales - MWh	0	14,265	14,265	0	16,951	16,951
Power revenues - $	0	270,426	270,426	0	208,261	208,261
Pick-Sloan Missouri Basin Program—Eastern Division						
Energy sales - MWh	8,783,631	4,134,362	12,917,993	8,768,122	4,392,056	13,160,178
Power revenues - $	135,988,770	120,498,960	256,487,730	136,037,247	96,587,464	232,624,711
Salt Lake City Area Integrated Projects						
Energy Sales - MWh	6,617,885	1,009,461	7,627,346	7,535,897	909,481	8,445,378
Power Revenues - $	109,231,069	36,777,123	146,008,193	122,120,192	14,959,244	137,079,436
Washoe						
Energy sales - MWh	0	12,338	12,338	0	15,191	15,191
Power revenues - $	0	224,366	224,366	0	271,773	271,773
Subtotal						
Energy sales - MWh	**36,766,751**	**6,555,016**	**43,321,767**	**37,028,830**	**6,002,466**	**43,031,296**
Power revenues - $	**550,805,094**	**192,314,107**	**743,119,201**	**571,494,404**	**129,316,401**	**700,810,804**
Project use						
Energy sales - MWh	1,811,425	0	1,811,425	1,584,229	0	1,584,229
Power revenues - $	11,816,683	0	11,816,683	10,496,771	0	10,496,771
Subtotal						
Energy sales - MWh	**38,578,176**	**6,555,016**	**45,133,192**	**38,613,059**	**6,002,466**	**44,615,525**
Power revenues - $	**562,621,777**	**192,314,107**	**754,935,884**	**581,991,174**	**129,316,401**	**711,307,575**
Interproject						
Energy sales - MWh	0	210,573	210,573	19,651	422,909	442,560
Power revenues - $	0	11,645,000	11,645,000	616,786	9,827,525	10,444,310
Total Western						
Energy sales - MWh	**38,578,176**	**6,765,589**	**45,343,765**	**38,632,710**	**6,425,375**	**45,058,085**
Power revenues - $	**562,621,777**	**203,959,107**	**766,580,884**	**582,607,960**	**139,143,925**	**721,751,885**

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Firm and Nonfirm Energy Sales by Customer Category

Customer class	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Municipalities						
Energy sales - MWh	11,091,872	696,791	11,788,663	10,787,327	346,832	11,134,159
Revenues - $	166,628,805	15,628,241	182,257,045	164,532,120	7,079,613	171,611,733
Cooperatives						
Energy sales - MWh	7,863,737	509,080	8,372,817	8,257,237	466,419	8,723,656
Revenues - $	131,584,864	15,583,457	147,168,321	135,361,081	10,707,726	146,068,807
Federal						
Energy sales - MWh	2,361,669	52,155	2,413,824	2,398,390	17,843	2,416,233
Revenues - $	34,433,638	1,771,992	36,205,630	35,857,444	313,284	36,170,728
State						
Energy sales - MWh	10,996,023	153,702	11,149,725	10,894,690	360,595	11,255,285
Revenues - $	143,499,201	5,554,432	149,053,633	150,282,518	7,663,828	157,946,346
Public utility districts						
Energy sales - MWh	3,558,760	546,829	4,105,589	3,748,063	419,863	4,167,926
Revenues - $	61,920,259	11,938,848	73,859,107	71,752,496	11,401,196	83,153,692
Irrigation districts						
Energy sales - MWh	617,997	16,082	634,079	609,760	4,122	613,882
Revenues - $	8,247,317	311,937	8,559,253	7,869,934	115,045	7,984,979
Investor-owned utilities [1]						
Energy sales - MWh	276,693	2,245,035	2,521,728	333,364	2,788,648	3,122,012
Revenues - $	4,491,012	81,261,187	85,752,199	5,838,809	58,487,836	64,326,645
Power marketers						
Energy sales - MWh	0	2,335,342	2,335,342	0	1,598,144	1,598,144
Revenues - $	0	60,264,013	60,264,013	0	33,547,874	33,547,874
Subtotal						
Energy sales - MWh	**36,766,751**	**6,555,016**	**43,321,767**	**37,028,830**	**6,002,466**	**43,031,296**
Revenues - $	**550,805,094**	**192,314,107**	**743,119,201**	**571,494,404**	**129,316,401**	**700,810,804**
Project use						
Energy sales - MWh	1,811,425	0	1,811,425	1,584,229	0	1,584,229
Revenues - $	11,816,683	0	11,816,683	10,496,771	0	10,496,771
Total Western						
Energy sales - MWh	**38,578,176**	**6,555,016**	**45,133,192**	**38,613,059**	**6,002,466**	**44,615,525**
Revenues - $	**562,621,777**	**192,314,107**	**754,935,884**	**581,991,175**	**129,316,401**	**711,307,575**
Interproject						
Energy sales - MWh	0	210,573	210,573	19,651	422,909	442,560
Revenues - $	0	11,645,000	11,645,000	616,786	9,827,525	10,444,311
Total Western						
Energy sales - MWh	**38,578,176**	**6,765,589**	**45,343,765**	**38,632,710**	**6,425,375**	**45,058,085**
Revenues - $	**562,621,777**	**203,959,107**	**766,580,884**	**582,607,961**	**139,143,926**	**721,751,886**

[1] Western has one long-term investor-owned firm power customer, Southern California Edison, which has an entitlement to Boulder Canyon Project power. Pacific Gas and Electric Company purchases firm CVP power through an energy banking arrangement.

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Transmission Revenues by Project

Project	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Central Arizona (Navajo)	22,066,009	22,063,516
Central Valley	6,297,713	6,182,527
Loveland Area Projects	26,733,259	17,579,601
Parker-Davis	22,225,789	23,247,198
Pick-Sloan Missouri Basin—Eastern Div.	23,417,456	20,704,926
Pacific NW-SW Intertie	11,959,241	8,004,153
Salt Lake City Area Integrated Projects	23,153,091	17,351,713
Total Western	**135,852,558**	**115,133,634**

Ancillary Services Revenues by Project

Project	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Central Valley	407,370	338,889
Loveland Area Projects	1,181,537	908,812
Parker-Davis	141,005	330,844
Pick-Sloan Missouri Basin—Eastern Div.	913,688	605,112
Pacific NW-SW Intertie	0	135,870
Salt Lake City Area Integrated Projects	1,440,101	329,020
Total Western	**4,083,701**	**2,648,547**

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Purchases summary

Purchased Power Cost by Project

Project and source	FY 2000 Energy MWh	FY 2000 Cost $(000)	FY 1999 Energy MWh	FY 1999 Cost $(000)
Central Valley				
NonWestern	5,120,484	119,096	3,381,976	103,859
Total project purchases	**5,120,484**	**119,096**	**3,381,976**	**103,859**
Loveland Area Projects				
NonWestern	420,692	12,257	88,961	1,741
Western	160,947	9,526	184,227	4,006
Total project purchases	**581,639**	**21,783**	**273,188**	**5,747**
Parker-Davis				
NonWestern	1,883	147	3,835	131
Western	365	17	125	7
Total project purchases	**2,248**	**164**	**3,960**	**138**
Pick-Sloan Missouri Basin Program—Eastern Division				
NonWestern	2,834,277	57,665	2,149,678	38,569
Western	60	2	0	0
Total project purchases	**2,834,337**	**57,667**	**2,149,678**	**38,569**
Salt Lake City Area Integrated Projects				
NonWestern	2,001,325	98,718	946,746	22,411
Western	24,841	1,651	142,740	3,427
Total project purchases	**2,026,166**	**100,369**	**1,089,486**	**25,838**
Total Western				
NonWestern	10,378,661	287,883	6,571,196	166,711
Western	186,213	11,196	327,092	7,440
Total power purchases	**10,564,874**	**299,079**	**6,898,288**	**174,150**

Purchased Transmission Cost by Project

Project and source	FY 2000 Cost $(000)	FY 1999 Cost $(000)
Central Valley		
Non-Western	19,232	16,531
Total project purchases	**19,232**	**16,531**
Loveland Area Projects		
Non-Western	5,038	4,479
Western	117	328
Total project purchases	**5,155**	**4,807**
Pick-Sloan Missouri Basin Program—Eastern Division		
Non-Western	4,668	6,087
Western	0	122
Total project purchases	**4,668**	**6,209**

Project and source	FY 2000 Cost $(000)	FY 1999 Cost $(000)
Salt Lake City/Area Integrated Projects		
Non-Western	5,249	5,557
Western	1,767	1,426
Total project purchases	**7,016**	**6,983**
Total Western		
Non-Western	34,187	32,654
Western	1,884	1,876
Total transmission purchases	**36,071**	**34,530**

Purchased Ancillary Services Cost by Project

Project and source	FY 2000 Cost $(000)	FY 1999 Cost $(000)
Loveland Area Projects		
Non-Western	7	94
Western	0	17
Total project purchases	**7**	**111**

Project and source	FY 2000 Cost $(000)	FY 1999 Cost $(000)
Total Western		
Non-Western	7	94
Western	0	17
Total ancillary services purchases	**7**	**111**

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Customers

Top 25 Customers in Energy Sales - FY 2000

Firm energy sales

Rank	Customer	MWh	Percent of total firm sales
1	Salt River Project	5,005,150	14
2	Tri-State Generation & Transmission Assn.	2,200,756	6
3	Sacramento Municipal Utility District	2,042,655	6
4	Colorado River Commission	1,602,378	4
5	Silicon Valley Power	1,431,193	4
6	Metropolitan Water District of So. Calif.	1,347,947	4
7	Arizona Power Authority	1,213,309	3
8	Palo Alto, Calif.	1,055,105	3
9	Platte River Power Authority	808,219	2
10	Utah Associated Municipal Power	770,906	2
11	Los Angeles Dept. of Water and Power	752,007	2
12	Nebraska Public Power District	736,399	2
13	East River Power Coop.	730,517	2
14	Plains Electric G&T	720,950	2
15	Roseville, Calif.	518,981	1
16	Redding, Calif.	512,398	1
17	DOE Oakland Operations Office	504,936	1
18	Utah Municipal Power Agency	467,687	1
19	Colorado Springs Utilities	417,991	1
20	Omaha Public Power District	399,088	1
21	Minnkota Power Coop.	375,441	1
22	Central Montana Electric Power Coop.	350,892	1
23	Central Power Electric Coop.	332,025	1
24	Upper Missouri G&T Elec. Coop.	310,169	1
25	Southern California Edison Co.	276,693	1
	Total	**24,883,791**	**68**

Nonfirm energy sales

Rank	Customer	MWh	Percent of total nonfirm sales
1	Idaho Power Company	476,439	7
2	Aquila Power Corp.	454,370	7
3	Utilicorp United	450,646	7
4	Cargill-Alliant	408,169	6
5	Sacramento Municipal Utility District	322,156	5
6	Public Service Company of Colorado	287,111	4
7	Public Service Co. of New Mexico	250,863	4
8	Rocky Mountain Generation Coop.	236,016	4
9	California Power Exchange	202,032	3
10	Alliant Services Company	192,528	3
11	British Columbia Power Exchange	190,500	3
12	Saskatchewan Power Company	157,604	2
13	PP&L Montana, LLC	148,103	2
14	The Energy Authority	135,962	2
15	Redding, Calif.	130,163	2
16	Medina Electric Cooperative and South Texas Electric Cooperative	123,943	2
17	Tenaska Power Services Co.	117,672	
18	Northern States Power Co.	107,637	2
19	Western Resources	104,637	2
20	Otter Tail Power Company	103,708	2
21	Salt River Project	101,090	2
22	Lincoln, Neb.	92,444	1
23	PacifiCorp	86,466	1
24	Omaha Public Power District	79,768	1
25	Roseville, Calif.	73,908	1
	Total	**5,033,935**	**77**

Top 25 Customers in Power Revenue - FY 2000

Firm energy revenues

Rank	Customer	$	Percent of total firm revenue
1	Salt River Project	81,131,345	15
2	Tri-State Generation & Transmission Assn.	42,703,426	8
3	Sacramento Municipal Utility District	33,279,127	6
4	Silicon Valley Power	20,422,848	4
5	Nebraska Public Power District	16,848,182	3
6	Palo Alto, Calif.	16,790,732	3
7	Utah Associated Municipal Power	13,413,336	2
8	Colorado River Commission	13,318,493	2
9	Platte River Power Authority	13,277,097	2
10	Plains Electric G&T	12,445,009	2
11	East River Power Coop.	9,753,494	2
12	Metropolitan Water Dist of So. Calif.	9,636,639	2
13	Los Angeles Dept. of Water and Power	9,286,896	2
14	Arizona Power Authority	8,828,397	2
15	Redding, Calif.	8,541,058	2
16	Roseville, Calif.	8,197,156	1
17	DOE Oakland Operations Office	7,861,739	1
18	Colorado Springs Utilities	7,658,777	1
19	Basin Electric Power Cooperative	7,158,724	1
20	Utah Municipal Power Agency	6,863,818	1
21	Omaha Public Power District	5,204,144	1
22	Central Montana Electric Power Coop.	5,127,726	1
23	Minnkota Power Coop.	5,018,598	1
24	Ames Research Center-NASA	4,995,545	1
25	Southern California Edison Co	4,491,012	1
	Total	**372,253,318**	**68**

Nonfirm energy revenues

Rank	Customer	$	Percent of total nonfirm revenue
1	Idaho Power Company	20,686,463	11
2	Public Service Company of Colorado	14,414,806	7
3	Aquila Power Corp.	12,417,407	6
4	Utilicorp United	10,131,733	5
5	Cargill-Alliant	9,181,165	5
6	PP&L Montana, LLC	9,165,227	5
7	California Power Exchange	8,975,836	5
8	Rocky Mountain Generation Coop.	7,334,100	4
9	Public Service Co. of New Mexico	7,164,963	4
10	Sacramento Municipal Utility District	5,699,150	3
11	Alliant Services Company	4,350,403	2
12	PacifiCorp	4,175,841	2
13	Medina Electric Cooperative and South Texas Electric Cooperative	4,120,916	2
14	The Energy Authority	3,722,769	2
15	British Columbia Power Exchange	3,669,640	2
16	Salt River Project	3,529,373	2
17	Redding, Calif.	2,931,455	2
18	Western Resources	2,931,033	2
19	Omaha Public Power District	2,903,141	2
20	Saskatchewan Power Company	2,634,557	1
21	Northern States Power Co.	2,547,794	1
22	Otter Tail Power Company	2,463,298	1
23	Tenaska Power Services Co.	2,450,132	1
24	Lincoln, Neb.	2,304,959	1
25	PacifiCorp	1,936,150	1
	Total	**151,842,311**	**79**

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Customer Count by Project [1]

Project	2000 Firm only	2000 Firm & nonfirm	2000 Nonfirm only	2000 Total	1999 Firm only	1999 Firm & nonfirm	1999 Nonfirm only	1999 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	58	19	0	77	63	16	1	80
Project use sales	34	0	0	34	34	0	0	34
Total Central Valley	**92**	**19**	**0**	**111**	**97**	**16**	**1**	**114**
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	5	2	33	28	3	8	39
Project use sales	9	0	0	9	9	0	0	9
Interproject sales	0	0	1	1	0	0	0	0
Total Loveland Area Projects	**35**	**5**	**3**	**43**	**37**	**3**	**8**	**48**
Parker-Davis	20	4	20	44	20	4	19	43
Project use sales	2	0	0	2	2	0	0	2
Interproject sales	0	0	2	2	0	0	1	1
Total Parker-Davis	**22**	**4**	**22**	**48**	**22**	**4**	**20**	**46**
Pick-Sloan-Eastern	258	6	48	312	256	9	47	312
Project use sales	29	0	0	29	29	0	0	29
Interproject sales	0	0	1	1	0	1	1	2
Total Pick-Sloan-Eastern	**287**	**6**	**49**	**342**	**285**	**10**	**48**	**343**
Provo	0	0	2	2	0	0	2	2
Total Provo	**0**	**0**	**2**	**2**	**0**	**0**	**2**	**2**
Salt Lake Integrated Projects [2]	61	45	37	143	65	44	24	133
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	**65**	**45**	**39**	**149**	**69**	**44**	**26**	**139**
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 region sells power to a customer.

[2] Customer count includes 34 UAMPS members

Note: In FY 2000, Western sold power to 497 preference customers (col 1+2); 76 also purchase nonfirm power (col. 2). We sold project use power to 78 customers, for a total of 573 firm customers. Nonfirm sales were made to 80 other customers (col. 3), such as power marketers and investor-owned utilities. Detailed information on each customer is listed in the by-project Sales and Revenue tables.

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Customers by State

State	2000 Firm only	2000 Firm & nonfirm	2000 Nonfirm only	2000 Total	1999 Firm only	1999 Firm & nonfirm	1999 Nonfirm only	1999 Total
Alabama	0	0	2	2	0	0	1	1
Arizona	27	3	6	36	28	3	7	38
California	71	24	3	98	78	18	3	99
Connecticut	0	0	2	2	0	0	1	1
Colorado	27	3	2	32	26	3	3	32
Georgia	0	0	2	2	0	0	2	2
Idaho	0	0	1	1	0	0	1	1
Iowa	48	0	3	51	48	0	3	51
Kansas	2	0	1	3	2	0	0	2
Massachusetts	0	0	1	1	0	0	1	1
Minnesota	63	1	10	74	63	2	9	74
Missouri	0	0	6	6	0	0	6	6
Montana	9	0	2	11	10	0	1	11
Nebraska	61	5	1	67	60	6	4	70
Nevada	5	0	2	7	5	0	2	7
New Mexico	7	7	1	15	7	7	1	15
North Dakota	29	1	4	34	29	2	3	34
Ohio	0	0	1	1	0	0	0	0
Oregon	0	0	1	1	0	0	1	1
South Dakota	49	0	4	53	49	0	3	52
Texas	0	0	12	12	0	0	7	7
Utah [1]	15	32	2	49	15	32	1	48
Washington	0	0	0	0	0	0	1	1
Wisconsin	0	0	2	2	0	0	3	3
Wyoming	6	3	0	9	7	2	0	9
Canada	0	0	4	4	0	0	5	5
Subtotal	**419**	**76**	**74**	**569**	**425**	**73**	**67**	**565**
Project Use	78	0	0	78	78	0	0	78
Subtotal	**497**	**76**	**74**	**647**	**503**	**73**	**67**	**643**
Interproject sales	0	0	6	6	0	1	3	4
Total	**497**	**76**	**80**	**653**	**503**	**74**	**70**	**647**

[1] Customer count includes 34 UAMPS members (31 municipals and 3 irrigation districts).

Note: In FY 2000, Western sold power to 497 preference customers (col 1+2); 76 also purchase nonfirm power (col. 2). We sold project use power to 78 customers, for a total of 573 firm customers. Nonfirm sales were made to 80 other customers (col. 3), such as power marketers and investor-owned utilities. Detailed information on each customer is listed in the by-project Sales and Revenue tables.

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Customers by Customer Category

Customer category	2000 Firm only	2000 Firm & nonfirm	2000 Nonfirm only	2000 Total	1999 Firm only	1999 Firm & nonfirm	1999 Nonfirm only	1999 Total
Municipalities [1]	234	50	3	287	232	49	3	284
Cooperatives	44	9	6	59	44	10	4	58
Public utility districts	4	7	5	16	6	6	5	17
Federal agencies	48	2	3	53	48	1	1	50
State agencies	48	5	1	54	48	5	2	55
Irrigation districts [1]	41	2	1	44	45	2	0	47
Investor-owned utilities	0	1	25	26	2	0	22	24
Power marketers	0	0	30	30	0	0	30	30
Project use sales	78	0	0	78	78	0	0	78
Subtotal	**497**	**76**	**74**	**647**	**503**	**73**	**67**	**643**
Interproject sales	0	0	6	6	0	1	3	4
Total [1]	**497**	**76**	**80**	**653**	**503**	**74**	**70**	**647**

[1] Customer count includes 34 UAMPS members (31 municipals and 3 irrigation districts).

Note: In FY 2000, Western sold power to 497 preference customers (col 1+2); 76 also purchase nonfirm power (col. 2). We sold project use power to 78 customers, for a total of 573 firm customers. Nonfirm sales were made to 80 other customers (col. 3), such as power marketers and investor-owned utilities. Detailed information on each customer is listed in the by-project Sales and Revenue tables of this Appendix.

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Customers by State and Customer Category

State /Customer Category	2000 Firm only	2000 Firm & nonfirm	2000 Nonfirm only	2000 Total	1999 Firm only	1999 Firm & nonfirm	1999 Nonfirm only	1999 Total
Alabama								
Power marketers	0	0	2	2	0	0	1	1
Arizona								
Municipalities	6	0	0	6	5	0	0	5
Cooperatives	0	1	1	2	1	0	1	2
Federal agencies	10	1	2	13	9	1	1	11
State agencies	2	1	0	3	1	2	1	4
Irrigation districts	9	0	0	9	12	0	0	12
Investor-owned utilities	0	0	3	3	0	0	3	3
Power marketers	0	0	0	0	0	0	1	1
California								
Municipalities	16	13	1	30	17	11	1	29
Cooperatives	0	1	0	1	0	1	0	1
Federal agencies	19	1	0	20	20	0	0	20
State agencies	8	1	1	10	8	1	1	10
Public utility districts	4	5	0	9	6	3	1	10
Irrigation districts	24	2	0	26	25	2	0	27
Investor-owned utilities	0	1	0	1	2	0	0	2
Power marketers	0	0	1	1	0	0	0	0
Colorado								
Municipalities	17	1	0	18	16	1	0	17
Cooperatives	4	1	1	6	4	1	0	5
Federal agencies	5	0	0	5	5	0	0	5
State agencies	1	1	0	2	1	1	0	2
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	0	0	0	0	2	2
Connecticut								
Power marketers	0	0	2	2	0	0	1	1
Georgia								
Power marketers	0	0	2	2	0	0	2	2
Idaho								
Investor-owned utilities	0	0	1	1	0	0	1	1
Iowa								
Municipalities	44	0	1	45	44	0	1	45
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	1	0	0	1	1	0	0	1
Cooperatives	1	0	1	2	1	0	0	1
Massachusetts								
Power marketers	0	0	1	1	0	0	1	1
Minnesota								
Municipalities	45	1	1	47	45	1	1	47
Cooperatives	15	0	0	15	15	1	1	17
State agencies	3	0	0	3	3	0	0	3
Public utility districts	0	0	2	2	0	0	1	1
Investor-owned utilities	0	0	3	3	0	0	3	3
Power marketers	0	0	4	4	0	0	3	3
Missouri								
Investor-owned utilities	0	0	4	4	0	0	3	3
Power marketers	0	0	2	2	0	0	3	3
Montana								
Cooperatives	3	0	0	3	3	0	0	3
Federal agencies	2	0	0	2	2	0	0	2
State agencies	1	0	0	1	2	0	0	2
Irrigation districts	3	0	0	3	3	0	0	3
Investor-owned utilities	0	0	2	2	0	0	1	1
Nebraska								
Municipalities	53	1	0	54	52	2	0	54
Cooperatives	0	1	0	1	0	1	0	1
Public utility districts	0	2	0	2	0	3	0	3
State agencies	8	1	0	9	8	0	0	8
Power marketers	0	0	1	1	0	0	4	4

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Customers by State and Customer Category, cont.

State /Customer Category	2000 Firm only	2000 Firm & nonfirm	2000 Nonfirm only	2000 Total	1999 Firm only	1999 Firm & nonfirm	1999 Nonfirm only	1999 Total
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
Irrigation districts	0	0	0	0	0	0	0	0
Investor-owned utilities	0	0	2	2	0	0	2	2
New Mexico								
Municipalities	3	2	0	5	3	2	0	5
Cooperatives	0	5	0	5	0	5	0	5
Federal agencies	4	0	0	4	4	0	0	4
Investor-owned utilities	0	0	1	1	0	0	1	1
North Dakota								
Municipalities	11	0	0	11	11	0	0	11
Cooperatives	5	1	1	7	5	2	0	7
Federal agencies	1	0	0	1	1	0	0	1
State agencies	12	0	0	12	12	0	0	12
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	2	2	0	0	2	2
Ohio								
Investor-owned utilities	0	0	1	1	0	0	0	0
Oregon								
Investor-owned utilities	0	0	1	1	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	1	2	1	0	0	1
State agencies	10	0	0	10	10	0	0	10
Public utility districts	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	1	1	0	0	1	1
Texas								
Cooperative	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	1	1	0	0	0	0
Power marketers	0	0	9	9	0	0	5	5
Utah [1]								
Municipalities	3	32	0	35	3	32	0	35
Cooperatives	4	0	0	4	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	3	0	1	4	3	0	0	3
Investor-owned utilities	0	0	1	1	0	0	1	1
Washington								
Investor-owned utilities	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	2	2
Wyoming								
Municipalities	1	0	0	1	1	0	0	1
Cooperatives	2	2	0	4	3	1	0	4
Federal agencies	1	0	0	1	1	0	0	1
State agencies	0	1	0	1	0	1	0	1
Irrigation districts	2	0	0	2	2	0	0	2
Canada								
Power marketers	0	0	4	4	0	0	5	5
Subtotal	**419**	**76**	**74**	**569**	**425**	**73**	**67**	**565**
Project use sales	78	0	0	78	78	0	0	78
Subtotal	**497**	**76**	**74**	**647**	**503**	**73**	**67**	**643**
Interproject sales	0	0	6	6	0	1	3	4
Total [1]	**497**	**76**	**80**	**653**	**503**	**74**	**70**	**647**

[1] Customer count includes 34 UAMPS members (31 municipals and 3 irrigation districts).

Note: In FY 2000, Western sold power to 497 preference customers (col 1+2); 76 also purchase nonfirm power (col. 2). We sold project use power to 78 customers, for a total of 573 firm customers. Nonfirm sales were made to 80 other customers (col. 3), such as power marketers and investor-owned utilities. Detailed information on each customer is listed in the by-project Sales and Revenue tables.

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Repayment

Comparison of Cumulative 1999 and 2000 Repayment

As of September 30, 1999 and 2000
(in millions of dollars)

	Gross operating revenues				Income transfers (net)				O & M and other expenses			
Project power system	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00
Boulder Canyon	1,151	0*	59	1,210	3	0	2	5	542	(1)	35	576
Central Arizona (Navajo)	1,459	(1)	96	1,554	(609)	0	(96)	(705)	841	0*	1	842
Central Valley	4,416	19	186	4,620	0*	0	0	0*	666	0	53	720
Collbran	37	0	2	39	0	0	0	0	16	0	1	16
Colorado River Storage	2,711	20	170	2,900	0*	0	0	0*	848	6	50	904
Dolores	14	0*	3	17	0*	0	0	0*	2	0*	0*	2
Falcon-Amistad	73	0*	4	77	0	0	0	0	19	0	1	21
Fryingpan-Arkansas	166	(1)	14	179	0	0	0	0	44	1	3	47
Intertie	118	0*	16	134	0	0	0	0	58	1	6	65
Parker-Davis	808	2	41	851	0*	0	(2)	(2)	416	2	21	440
Pick-Sloan Missouri Basin Program	5,146	33	349	5,529	3	0	0	3	2,299	(7)	144	2,437
Provo River	6	0*	0*	6	0	0	0	0	4	0*	0*	4
Rio Grande	75	0*	2	77	0	0	0	0	37	0*	2	38
Seedskadee	17	0*	1	19	0	0	0	0	7	0*	1	8
Washoe	2	0	0*	2	0	0	0	0	2	0	0*	2
Total	**16,199**	**72**	**944**	**17,215**	**(603)**	**0**	**(96)**	**(699)**	**5,801**	**1**	**318**	**6,120**

* Less than $500,000

Application of FY 2000 Revenue

As of September 30, 1999 and 2000
(in millions of dollars)

	Principal repaid				Power investment				Nonpower investment			
Project power system	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00
Boulder Canyon	264	0	5	269	541	0	2	543	25	0	0	25
Central Arizona (Navajo)	0	0	0	0	0	0	0	0	0	0	0	0
Central Valley	363	0	2	365	559	0	0	559	66	0	0	66
Collbran	10	0*	1	11	15	0*	0	15	5	0	0	5
Colorado River Storage	666	(29)	0	638	1,076	(89)	16	1,003	2,950	0	(280)	2,669
Dolores	1	1	0*	1	36	0*	0	36	0	0	0	0
Falcon-Amistad	10	0*	0*	10	45	0	0*	45	0	0	0	0
Fryingpan-Arkansas	11	0*	3	14	148	0*	1	149	0	0	0	0
Intertie	2	0	0	2	209	0*	0	208	0	0	0	0
Parker-Davis	218	0*	3	221	340	5	3	348	31	(4)	1	28
Pick-Sloan Missouri Basin Program	1,102	(4)	62	1,161	2,297	(93)	23	2,227	734	31	0	765
Provo River	1	0*	0	1	2	0	0	2	0*	0	0	0*
Rio Grande	19	0*	0	19	14	0*	0	14	6	0	0	6
Seedskadee	4	0*	1	5	7	0*	0	7	0	0	0	0
Washoe	0	0	0	0	5	0	0*	5	0	0	0	0
Total	**2,671**	**(32)**	**78**	**2,717**	**5,294**	**(177)**	**45**	**5,159**	**3,817**	**27**	**(280)**	**3,563**

* Less than $500,000

Continued on next page.

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Comparison of Cumulative 1999 and 2000 Repayment, cont.

Purchased power expenses				Interest expenses				Principal repaid				(Deficits)/Surplus			
Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00
11	0	0	11	330	0	20	350	264	0	5	269	(4)	1	3	0
0	0	0	0	0*	0	0*	0*	0	0	0	0	9	(1)	(1)	7
3,042	0	142	3,184	344	0	7	352	363	0	2	365	0	19	(19)	0
0	0	0	0	11	0*	0*	12	10	0*	1	11	0	0	0	0
564	16	107	687	633	27	30	690	666	(29)	0	638	0	0	(17)	(17)
0	0	0	0	11	0*	2	13	1	1	0*	1	0	0	0	0
0	0	0	0	44	0*	2	46	10	0*	0*	10	0*	0	0*	0
28	(1)	4	31	83	0	4	87	11	0*	3	14	0	0	0	0
0	0	0	0	102	0*	18	120	2	0	0	2	(43)	(1)	(8)	(52)
23	0*	0*	23	145	0*	12	157	218	0*	3	221	7	(1)	2	9
468	41	85	595	1,279	3	58	1,340	1,102	(4)	62	1,161	0	0	0	0
0*	0*	0	0*	1	0*	0*	1	1	0*	0	1	0*	0*	0*	0*
5	0	0	5	14	0*	0*	14	19	0*	0	19	0*	0*	0*	0*
0	0	0	0	6	0*	0*	6	4	0*	1	5	0	0	0*	0*
0	0	0	0	3	0	0*	3	0	0	0	0	(3)	0	0*	(3)
4,141	**57**	**339**	**4,537**	**3,006**	**29**	**152**	**3,190**	**2,671**	**(32)**	**78**	**2,717**	**(34)**	**18**	**(40)**	**(57)**

Application of FY 2000 Revenue, cont.

Total investment				Unpaid power investment				Unpaid nonpower investment				Total unpaid investment			
Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00	Cum 99	Adjustments	Anl 00	Cum 00
566	0	2	568	278	0	(4)	274	25	0	0	25	302	0	(4)	299
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
624	0	0	624	195	0	(2)	193	66	0	0	66	261	0	(2)	259
20	0*	0	20	5	0*	(1)	3	5	0	0	5	10	0*	(1)	8
4,025	(89)	(264)	3,672	410	(60)	16	365	2,950	0	(280)	2,669	3,359	(60)	(264)	3,035
36	0*	0	36	35	(1)	0*	34	0	0	0	0	35	(1)	0*	34
45	0	0*	45	34	0*	0*	34	0	0	0	0	34	0*	0*	34
148	0*	1	149	137	0*	(2)	135	0	0	0	0	137	0*	(2)	135
209	0*	0	208	207	0*	0	207	0	0	0	0	207	0*	0	207
371	1	4	376	149	5	1	155	4	(4)	0*	0*	153	1	1	155
3,031	(61)	23	2,992	1,197	(89)	(39)	1,069	732	31	0	763	1,928	(58)	(39)	1,831
2	0	0	2	0*	0*	0*	0*	0	0	0	0	0*	0*	0	0*
19	0*	0	19	0*	0	0*	0	0	0	0	0	0*	0*	0	0*
7	0*	0	7	4	0*	(1)	3	0	0	0	0	4	0*	(1)	3
5	0	0*	5	5	0	0*	5	0	0	0	0	5	0	0*	5
9,108	**(149)**	**(235)**	**8,723**	**2,656**	**(145)**	**(32)**	**2,477**	**3,782**	**27**	**(280)**	**3,528**	**6,435**	**(117)**	**(313)**	**6,005**

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Western Consolidated Status of Repayment

Cumulative activities as of Sept. 30, 2000

(Dollars in millions)

	Cumulative 1999	Adjustments	Annual 2000	Cumulative 2000
Revenue:				
Gross operating revenue	16,198	72	944	17,215
Income transfers (net)	(602)	0	(96)	(698)
Total Operating Revenue	**15,596**	**72**	**848**	**16,517**
Expenses				
O & M and other	5,801	0	319	6,120
Purchase power and other	4,141	57	339	4,537
Interest				
Federally financed	2,873	29	145	3,047
Non-Federally financed	132	0	11	143
Total Interest	**3,005**	**29**	**155**	**3,190**
Total Expense	**12,948**	**86**	**813**	**13,847**
(Deficit)/Surplus revenue	(34)	18	(40)	(56)
Investment:				
Federally financed power	5,097	(177)	45	4,965
Non-Federally financed power	194	0	0	194
Nonpower	3,816	27	(280)	3,564
Total Investment	**9,107**	**(150)**	**(235)**	**8,723**
Investment repaid:				
Federally financed power	2,600	(32)	75	2,643
Non-Federally financed power	36	0	3	39
Nonpower	35	(0)	0	36
Total Investment repaid	**2,671**	**(32)**	**78**	**2,718**
Investment unpaid:				
Federally financed power	2,497	(145)	(30)	2,322
Non-Federally financed power	158	0	(3)	155
Nonpower	3,781	27	(280)	3,528
Total Investment unpaid	**6,436**	**(118)**	**(313)**	**6,005**
Fund Balances:				
Colorado River Development	10	1	(3)	8
Working capital	1	0	0	1
Percent of investment repaid to date:				
Federal	49.59%			53.23%
Non-Federal	17.01%			20.10%
Nonpower	1.12%			1.01%

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Rates

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-75	**Parker-Davis**	Decrease	11/26/97	PD-6	11/1/97	(3,827.00)	Power	11/18/97
		Increase	11/26/97	PD-FT6*	11/1/97	-	Transmission	11/18/97
		Increase	11/26/97	PD-NFT6*	11/1/97	(2,450.00)	Nonfirm Transmission	11/18/97
		Increase	11/26/97	PD-FCT6*	11/1/97	-	Transmission	11/18/97
*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.								
WAPA-85	**Amistad/Falcon**	Extension	N/A	N/A	6/8/99	N/A	Rate formula extension	N/A
WAPA-87	**Provo**	Extension	N/A	N/A	4/1/00	N/A	Rate formula extension	2/14/00
WAPA-88	**Central Arizona Project**	Transmission Rate Methodology	5/24/00	CAP-FT1	1/1/01	$0	Transmission	11/30/00
				CAP-NFT1	1/1/01	$0	Transmission	11/30/00
				CAP-NITS1	1/1/01	$0	Network Transmission	11/30/00
WAPA-89	**Loveland Area Projects**	Extension of firm power rate	3/29/00	L-F4	10/01/94	$0	Rate extended through 09/30/03	N/A
WAPA-90	**Pick-Sloan Missouri Basin Program—Eastern Division**	Extension	7/17/00	P-SED-F6	2/1/01	N/A	N/A	N/A
WAPA-91	**Pick-Sloan Missouri Basin Program—Eastern Division**	Extension	7/18/00	P-SED-FP6	2/2/01	N/A	N/A	N/A
WAPA-91	**Intertie**	Transmission	6/7/00	INT-FT2	10/1/00	$0	Rate Extension	8/29/00
WAPA-93	**Washoe Project, Stampede Div.**	Increase	3/28/00	SNF-5	10/1/00	50.00	Nonfirm energy	8/23/00
WAPA-94	**Boulder Canyon**	Increase	3/10/00	BCP-F6	10/1/00	1,643.00	Power	10/13/00

Summary of Current Wholesale Rate Schedule Provisions

Project	Rate schedule designation	Monthly rate: Capacity charge $/kW of billing demand	Monthly rate: Energy charge not in excess of delivery obligations (mills/kWh)	Effective date	Annual composite rate
Boulder Canyon Project	BCP-F6	0.95	4.59 mills/kWh	10/1/00	8.89 mills/kWh
Central Valley Project	CV-F9	4.31	10.19 mills/kWh; AERA 3.92 mills/kWh	10/1/97	19.31 mills/kWh
Loveland Area Projects	L-F4 (2nd Step)	2.85	10.85 mills/kWh	10/1/94	21.70 mills/kWh
Parker-Davis Project	PD-F6	1.13 - Generation 1.08 - Transmission	2.58 mills/kWh	10/1/99	7.63 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-F6	3.44	8.10 mills/kWh	4/1/98	17.57 mills/kWh
Washoe	SNF-4	None	Floor: 17.89 mills/kWh Ceiling: 80.44 mills/kWh	10/1/95	N/A

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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, 2008
Salt Lake City Area/Integrated Projects	Sept. 30, 2024
Washoe	Dec. 31, 2004

Transmission and Ancillary Services Rate Provisions

Project	Rate schedule designation	Rate
Central Valley Project	CV-FT3, Firm Transmission Service	$0.51 kW-mo.
	CV-SPR1, Spinning Reserve Service	$1.35 kW/mo.
	CV-SUR1, Supplemental Reserve Service	$1.27 kW/mo.
	CV-RFS1, Regulation and Frequency Response Service	$1.48 kW/mo.
	CV-NWT1, Network Transmission Service	Load ratio share times 1/12 of annual network transmission revenue requirement.
	CV-EID1, Energy Imbalance Service	Within deviation band, net deviations at the end of the month are exchanged with like hours of energy, or charged at the effective CVP firm power rate. Outside deviation band: positive deviations, no charge; negative on-peak deviations are the greater of 3 times the CVP firm power rate or any additional cost;negative off-peak deviations are the CVP firm power rate or any additional cost.
Loveland Area Projects	L-NT1, Network Intgegration Transmission Service	Load ratio share of 1/12 of the revenue requirement of $42,486,865
	L-FPT1, Firm Transmission Service	$3.45/kW-month or $41.35/kW-year
	L-NFPT1, Nonfirm Transmission Service	4.58 mills/kWh (Maximum)
	L-AS1, Scheduling, System Control, and Dispatch Service	$34.58/Schedule/Day
	L-AS2, Reactive Supply and Voltage Control from Generation Sources Service	$0.104/kW-month
	L-AS3, Regulation and Frequency Response Service	$0.080/kW-month
	L-AS4, Energy Imbalance Service	Under delivery outside 5% bandwidth, 100 mills/kWh penalty; 50% credit of average
	L-AS5, Operating Reserve - Spinning Reserve Service	Pass-through cost
	L-AS6, Operating Reserve - Supplemental Reserve Service	Pass-through cost
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	Product of the network customer's load ratio share times 1/12 of the total net annual transmission revenue requirement.
[1]	DSW-SD1, Scheduling, System Control & Dispatch Ancillary Service	$45-$73.30/Schedule/Day [1]
	DSW-RS1, Reactive Supply and Voltage Control Ancillary Service	$0.05/kW-mo
	DSW-EI1, Energy Imbalance Ancillary Service	100-mill penalty may be charged
	DSW-FR1, Regulation & Frequency Response Ancillary Service	If available, equal to capacity charge of project

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Transmission and Ancillary Services Rate Provisions, cont.

Project	Rate schedule designation	Rate
	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.

[1] WALC Ancillary Service - These service charges apply to Intertie, Parker Davis, CRSP, and CAP transmission systems for transactions under Western's OATT.

Parker-Davis Project	PD-FT6, Firm Transmission Service	$12.99 per kW per year
Pick-Sloan Missouri Basin Program 9/1/99 -4/30/00	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of $102,877,706
	Integrated System Firm Point-to-Point Rate	$2.92/KW-Mo
	Integrated System Nonfirm Point-to-Point Rate	$4.00 m/kWh
	Regulation and Frequency Response Service	$0.05/KW-Mo
	Operating Reserve - Spinning Reserve Service	$0.12/KW-Mo
	Operating Reserve - Supplemental Reserve Service	$0.12/KW-Mo
	Scheduling, System Control and Dispatch Service	$42.54/Schedule/Day
	Reactive Supply & Voltage Control	$0.06/KW-Mo
5/1/00 -9/30/00	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of $102,457,147
	Integrated System Firm Point-to-Point Rate	$3.09/KW-Mo
	Integrated System Nonfirm Point-to-Point Rate	$4.23 m/kWh
	Regulation and Frequency Response Service	$0.05/KW-Mo
	Operating Reserve - Spinning Reserve Service	$0.12/KW-Mo
	Operating Reserve - Supplemental Reserve Service	$0.12/KW-Mo
	Scheduling, System Control and Dispatch Service	$73.90/Schedule/Day
	Reactive Supply & Voltage Control	$0.07/KW-Mo
Salt Lake City Area Integrated Projects	SP-PTP5, Firm Point-to-Point Transmission Service	$2.18 per kW per month.
	SP-NFT4, Nonfirm Point-to-Point Transmission Service	Mutually agreed by Western and purchasing entity up to 2.99 mills/kWh.
	SP-SD1, Scheduling System Control & Dispatch	Included in transmission rate. RM and DSW tariffs apply for non-transmission, accordingly.
	SP-RSI, Reactive & Voltage Control	RM and DSW tariffs apply, accordingly.
	SP-EI1, Energy Imbalance	Costs plus 10%.
	SP-FRI, Regulation & Frequency Response	$3.44 per kW per month if available, or costs plus 10%.
	SP-SSR1, Spinning and Supplemental Reserves	Costs plus 10%. Firm power rate if available.

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Project data

2000

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Boulder Canyon Project

Hoover Dam, the highest and third largest concrete dam in the United States, sits on the Colorado River along the Arizona-Nevada border. Lake Mead, the reservoir formed behind Hoover Dam, is still the nation's largest manmade reservoir. It can hold a two-year supply of the average flow of the Colorado River with its storage capacity of 27.38 million acre-feet.

This enormous project began with 1928 legislation approving construction of the Boulder Canyon Project. Hoover Powerplant has 19 generating units (two for plant use) and an installed capacity of 2,078,800 kW (4,800 kW for plant use). High-voltage transmission lines and substations make it possible for people from Las Vegas, Phoenix and Los Angeles to receive power from the project.

Since the start of commercial power generation in 1936, Hoover, with yearly average generation of 4.3 billion kWh, has served the annual electrical needs of nearly 8 million people. This power is marketed under the Hoover Power Plant Act of 1984 and the 1984 Conformed General Consolidated Power Marketing Criteria and Regulations for Boulder City Area Projects. Western's Desert Southwest Customer Service Region markets and transmits Boulder Canyon power.

The Hoover Power Plant Act of 1984 sets forth the amounts of Hoover power to be sold to customers after June 1, 1987. The marketing criteria have been amended to reflect the provisions of this Act.

Power from the Boulder Canyon Project is marketed as long-term contingent capacity with associated firm energy. This contingent capacity and associated firm energy are available as long as, among other restrictions, sufficient water in the reservoir allows Western to meet its power delivery obligations. If sufficient power to support the customer capacity entitlements is not available, each customer's capacity entitlement is temporarily reduced. Customers are entitled to receive 4.527 billion kWh of firm energy (associated with contingent capacity) each year. If generation at Hoover Powerplant is insufficient, Western can purchase energy to make up the shortfall at the request of individual customers on a pass-through cost basis.

The Boulder Canyon Project obligation to provide power is limited to the available output of Hoover Powerplant. Consequently, power purchases are not needed to meet contractual obligations for the firm energy associated with contingent capacity. However, power purchases are made for those customers requesting firm energy.

Project power is sold in three states: Arizona, California and Nevada. About 55 percent of Boulder Canyon Project energy sales revenue came from California customers. Of the Boulder Canyon Project's 15 customers, 11 are municipalities. These municipalities, however, provide only 28 percent of the energy revenue. Four customers accounted for 82 percent of power revenue from the project. Theses are the Metropolitan Water District of Southern California, Colorado River Commission of Nevada, Arizona Power Authority and Los Angeles Department of Water and Power. Existing power contracts for the Boulder Canyon Project expire on Sept. 30, 2017.

Boulder Canyon Project energy sales revenue decreased approximately 6 percent from FY 1999. Based on the existing rate methodology and customer billing methods instituted in FY 1996, power customers are billed based on annual revenue requirements and their respective percentage of the entitlement, not on actual energy delivered. The FY 2000 revenue requirement was about $2.7 million less than that in FY 1999.

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Although net generation from Hoover Powerplant decreased 4 percent from FY 1999, FY 2000 generation still exceeded the long-term average. FY 2000 was characterized by near normal hydrologic conditions in the Colorado River Basin, 108 percent of average unregulated flow into Lake Powell (which is upstream of Lake Mead and Hoover Dam), and increased storage in the Upper Colorado reservoirs. The timing of FY 2000 generation was affected by downstream water orders, variable precipitation patterns and by release and fill patterns in Upper Colorado River Basin reservoirs.

Increased water releases due to flood control operations resulted in more than 1 billion kWh of Schedule C energy being delivered during FY 2000. This energy was delivered to Boulder Canyon customers according to contract requirements.

Storage in Lake Mead at the end of FY 2000 was 22.4 million acre-feet, which is 82 percent of capacity (87 percent of conservation capacity). Space-building releases for flood control purposes led to a half million acre-feet reduction in storage compared to FY 1999.

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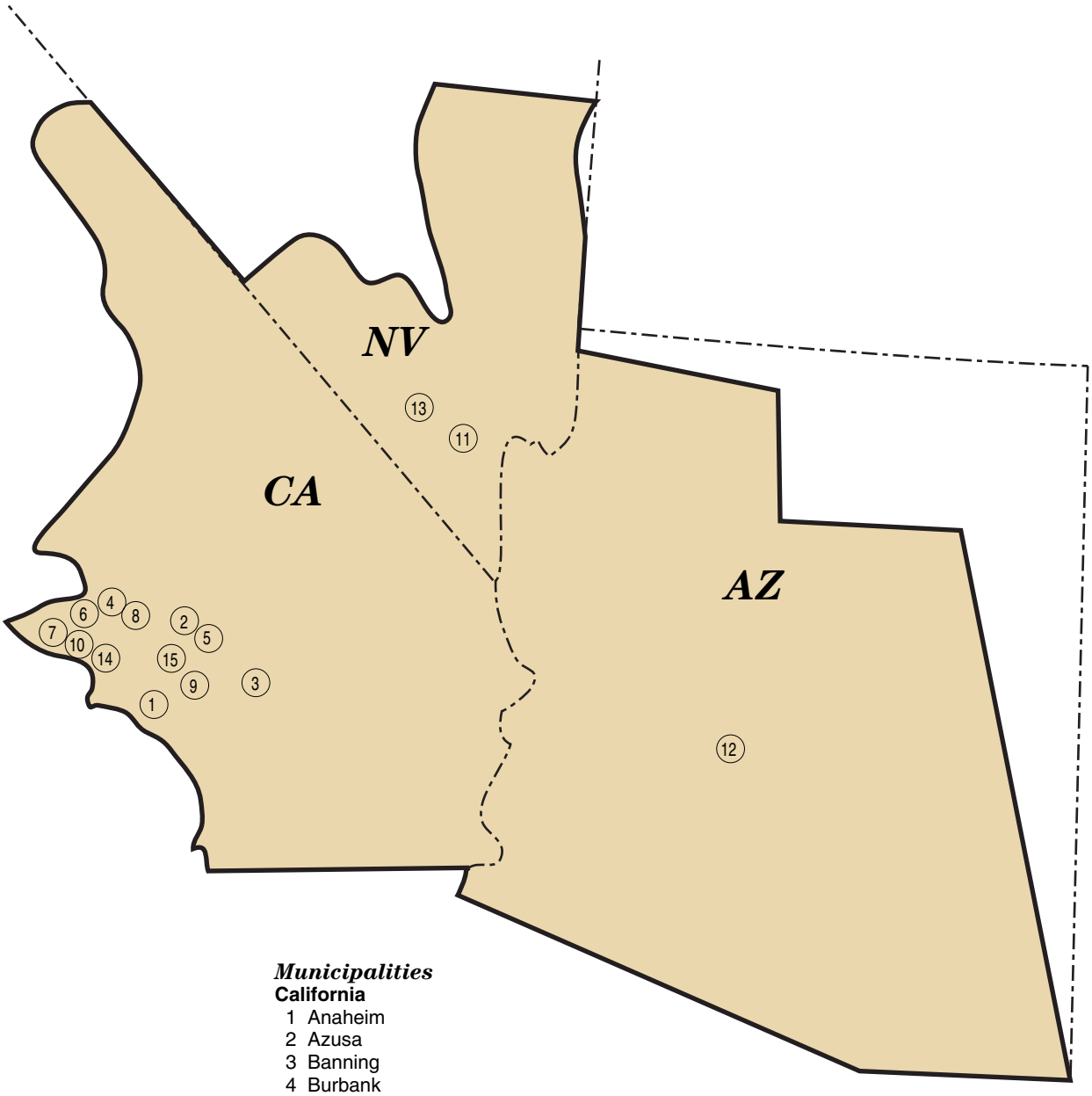
Firm Power Customers and Marketing Area



Municipalities

California

1 Anaheim
2 Azusa
3 Banning
4 Burbank
5 Colton
6 Glendale
7 Los Angeles Dept. of Water and Power
8 Pasadena
9 Riverside
10 Vernon

Nevada

11 Boulder City

State agencies

12 Arizona Power Authority
13 Colorado River Commission of Nevada
14 Metropolitan Water District of So. California

Investor-owned utilities

15 Southern California Edison Co.

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Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resource		
Net generation	5,293	5,507
Total energy resources	**5,293**	**5,507**
Energy disposition		
Sales of electric energy		
Western sales	5,193	5,182
Total energy sales	5,193	5,182
Total energy delivered	**5,193**	**5,182**
System and contractual losses	100	325
Total energy disposition	**5,293**	**5,507**

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	3	3
Number of transformers	9	9
Transformer capacity (kVa)	1,798,999	1,798,999
Land		
Acres	3	3
Hectares	1	1

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	July 1, 1999	Net generation GWh [2] FY 2000	FY 1999
Boulder Canyon									
Arizona-Nevada									
Hoover	Reclamation	Colorado	Sep 36	19	2,074 [3]	1,815	2,074	5,292	5,507
Boulder Canyon total				**19**	**2,074**	**1,815**	**2,074**	**5,292**	**5,507**

1 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.
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 Excludes 4.8 MW reserved for plant use but included in number of units.

Transmission Lines

	Nevada		Totals	
Voltage Rating	**FY 2000**	**FY 1999**	**FY 2000**	**FY 1999**
230-kV				
Circuit miles	57.35	57.35	57.35	57.35
Circuit kilometers	92.28	92.28	92.28	92.28
Area				
Acres	1,135.88	1,135.88	1,135.88	1,135.88
Hectares	459.87	459.87	459.87	459.87
69-kV				
Circuit miles	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00
Area				
Acres	32.17	32.17	32.17	32.17
Hectares	13.02	13.02	13.02	13.02
Totals				
Circuit miles	57.35	57.35	57.35	57.35
Circuit kilometers	92.28	92.28	92.28	92.28
Acres	1,168.05	1,168.05	1,168.05	1,168.05
Hectares	472.90	472.90	472.90	472.90

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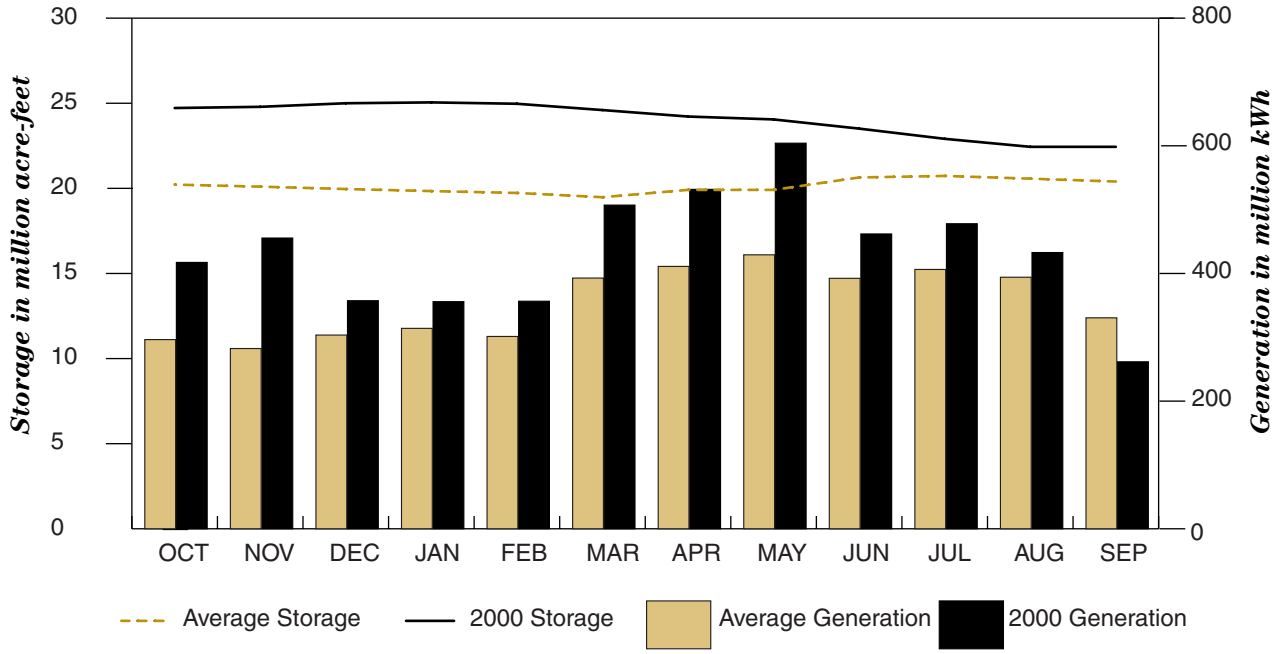
Storage and Generation



Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge ($/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	BCP-F6	$0.95	4.59 mills/kWh	10/1/2000	8.89 mills/kWh

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)	Incremental changes to the annual revenue requirements $(000)	Notes	Date submitted to FERC
WAPA-94	Boulder Canyon	Increase	3/10/2000	BCP-F6	10/1/2000	1,643	Power	10/13/2000

Marketing Plan Summary

Project	Expiration date
Boulder Canyon	September 30, 2017

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Firm and Nonfirm Sales by Customer Category

Type of customer	FY 2000 Firm	FY 2000 Nonfirm [1]	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm [1]	FY 1999 Total
Municipalities						
Energy sales - MWh	1,141,701	0	1,141,701	1,139,989	0	1,139,989
Revenue - $	13,306,780	(539,490)	12,767,290	14,089,437	(505,131)	13,584,306
State agencies						
Energy sales - MWh	3,774,564	0	3,774,564	3,765,990	0	3,765,990
Revenue - $	28,347,562	435,612	28,783,175	29,995,217	572,315	30,567,532
Investor-owned utilities [2]						
Energy sales - MWh	276,693	0	276,693	276,085	0	276,085
Revenue - $	4,491,012	103,877	4,594,889	4,757,471	(42,262)	4,715,209
Total						
Energy sales - MWh	5,192,958	0	5,192,958	5,182,064	0	5,182,064
Revenue - $	46,145,354	(0)	46,145,354	48,842,125	24,922	48,867,047

[1] Boulder Canyon Project had excess energy that was delivered to Arizona Power Authority and the Colorado River Commission under Schedule C, First Priority. All other Boulder Canyon Project customers received less energy in the same amount as these two customers' excess.

[2] Southern California Edison has an entitlement to Boulder Canyon Project firm power.

Firm and Nonfirm Sales by State

State	FY 2000 Firm	FY 2000 Nonfirm [1]	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm [1]	FY 1999 Total
Arizona						
Energy sales - MWh	1,213,309	0	1,213,309	1,209,677	0	1,209,677
Power revenues - $	8,828,397	1,216,663	10,045,060	9,344,510	1,226,539	10,571,049
California						
Energy sales - MWh	2,686,340	0	2,686,340	2,682,711	0	2,682,711
Power revenues - $	26,784,326	(1,281,101)	25,503,225	28,351,649	(1,382,608)	26,969,041
Nevada						
Energy sales - MWh	1,293,309	0	1,293,309	1,289,676	0	1,289,676
Power revenues - $	10,532,631	64,438	10,597,069	11,145,966	180,992	11,326,958
Total Boulder Canyon						
Energy sales - MWh	5,192,958	0	5,192,958	5,182,064	0	5,182,064
Power revenues - $	46,145,354	(0)	46,145,354	48,842,125	24,922	48,867,047

[1] Boulder Canyon Project had excess energy that was delivered to Arizona Power Authority and the Colorado River Commission under Schedule C, First Priority. All other Boulder Canyon Project customers received less energy in the same amount as these two customers' excess.

Sales by State and Customer Category

Type of customer	FY 2000 Sales (MWh)	FY 2000 Revenue ($)	FY 1999 Sales (MWh)	FY 1999 Revenue ($)
Arizona				
State agencies	1,213,309	10,045,060	1,209,677	10,571,049
Total Arizona	**1,213,309**	**10,045,060**	**1,209,677**	**10,571,049**
California				
Municipalities	1,061,700	12,199,951	1,059,988	12,956,176
State agencies	1,347,947	8,708,384	1,346,638	9,297,656
Investor-owned utilities	276,693	4,594,889	276,085	4,715,209
Total California	**2,686,340**	**25,503,225**	**2,682,711**	**26,969,041**
Nevada				
Municipalities	80,001	567,339	80,001	628,131
State agencies	1,213,308	10,029,731	1,209,675	10,698,827
Total Nevada	**1,293,309**	**10,597,069**	**1,289,676**	**11,326,958**
Total Boulder Canyon				
Municipalities	1,141,701	12,767,290	1,139,989	13,584,306
State agencies	3,774,564	28,783,175	3,765,990	30,567,532
Investor-owned utilities	276,693	4,594,889	276,085	4,715,209
Total Boulder Canyon	**5,192,958**	**46,145,354**	**5,182,064**	**48,867,047**

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Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of total sales
1	Metropolitan Water District of So. Calif.	1,347,947	26
2	Arizona Power Authority	1,213,309	23
3	Colorado River Commission of Nevada	1,213,308	23
4	Los Angeles Dept. of Water and Power	752,007	14
5	Southern California Edison Co.	276,693	5
	Total	**4,803,264**	**92**

Top 5 Customers in Firm Power Revenue

Rank	Customer	($)	Percent of total revenue
1	Colorado River Commission of Nevada	9,882,527	21
2	Metropolitan Water District of So. Calif.	9,636,639	21
3	Los Angeles Dept. of Water and Power	9,286,896	20
4	Arizona Power Authority	8,828,397	19
5	Southern California Edison Co.	4,491,012	10
	Total	**42,125,471**	**91**

Customers by State and Customer Category

	2000				1999			
State/Customer category	**Firm only**	**Firm & nonfirm**	**Nonfirm only**	**Total**	**Firm only**	**Firm & nonfirm**	**Nonfirm only**	**Total**
Arizona								
State agencies	1	0	0	1	1	0	0	1
California								
Municipalities	10	0	0	10	10	0	0	10
State agencies	1	0	0	1	1	0	0	1
Investor-owned utilities	1	0	0	1	1	0	0	1
Nevada								
Municipalities	1	0	0	1	1	0	0	1
State agencies	1	0	0	1	1	0	0	1
Total	**15**	**0**	**0**	**15**	**15**	**0**	**0**	**15**
Summary by state								
Arizona	1	0	0	1	1	0	0	1
California	12	0	0	12	12	0	0	12
Nevada	2	0	0	2	2	0	0	2
Total	**15**	**0**	**0**	**15**	**15**	**0**	**0**	**15**
Summary by customer category								
Municipalities	11	0	0	11	11	0	0	11
State agencies	3	0	0	3	3	0	0	3
Investor-owned utilities	1	0	0	1	1	0	0	1
Total	**15**	**0**	**0**	**15**	**15**	**0**	**0**	**15**

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Power Sales and Revenue

Customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Municipalities				
California				
Anaheim	56,235	707,291	56,137	754,679
Azusa	5,414	70,241	5,405	74,125
Banning	2,194	32,910	2,190	34,722
Burbank	28,745	358,364	28,695	381,834
Colton	4,322	53,524	4,315	57,014
Glendale	75,386	559,041	75,304	595,697
Los Angeles Dept. of Water & Power	752,007	8,988,958	750,748	9,532,532
Pasadena	64,911	512,379	64,836	547,772
Riverside	42,175	532,147	42,102	565,806
Vernon	30,311	385,096	30,256	411,995
Subtotal California	**1,061,700**	**12,199,951**	**1,059,988**	**12,956,176**
Nevada				
Boulder City	80,001	567,339	80,001	628,131
Subtotal Nevada	**80,001**	**567,339**	**80,001**	**628,131**
Total municipalities	**1,141,701**	**12,767,290**	**1,139,989**	**13,584,306**
State agencies				
Arizona				
Arizona Power Authority	1,213,309	10,045,060	1,209,677	10,571,049
Subtotal Arizona	**1,213,309**	**10,045,060**	**1,209,677**	**10,571,049**
California				
Metropolitan Water District	1,347,947	8,708,384	1,346,638	9,297,656
Subtotal California	**1,347,947**	**8,708,384**	**1,346,638**	**9,297,656**
Nevada				
Colorado River Commission of Nevada	1,213,308	10,029,731	1,209,675	10,698,827
Subtotal Nevada	**1,213,308**	**10,029,731**	**1,209,675**	**10,698,827**
Total state agencies	**3,774,564**	**28,783,175**	**3,765,990**	**30,567,532**
Investor-owned utilities				
California				
Southern California Edison Co.	276,693	4,594,889	276,085	4,715,209
Subtotal California	**276,693**	**4,594,889**	**276,085**	**4,715,209**
Total investor-owned utilities	**276,693**	**4,594,889**	**276,085**	**4,715,209**
Boulder Canyon Project total	**5,192,958**	**46,145,354**	**5,182,064**	**48,867,047**

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Status of Repayment

Cumulative activities as of Sept. 30, 2000

(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments	Annual 2000	Cumulative 2000
Revenue:				
Gross operating revenue	1,150,967	70 [2]	59,158	1,210,195
Income transfers (net)	3,181	0	1,738	4,919
Total Operating Revenue	**1,154,148**	**70**	**60,896**	**1,215,114**
Expenses:				
O & M and other	541,882	(1,352) [3]	35,215	575,745
Purchase power and other	11,472		0	11,472
Interest				
Federally financed	209,033	0	11,990	221,023
Non-Federally financed	120,790	0	8,222	129,012
Total Interest	**329,823**	**0**	**20,212**	**350,035**
Total Expense	**883,177**	**(1,352)**	**55,427**	**937,252**
(Deficit)/Surplus revenue	(4,011)	906 [4]	3,105	0
Investment:				
Federally financed power	372,247	0	1,667	373,914
Non-Federally financed power	169,047	0	0	169,047
Nonpower	25,000	0	0	25,000
Total Investment	**566,294**	**0**	**1,667**	**567,961**
Investment repaid:				
Federally financed power	228,186	0	2,444	230,630
Non-Federally financed power	35,545	0	2,959	38,504
Nonpower	141	0	0	141
Total Investment repaid	**263,872**	**0**	**5,403**	**269,275**
Investment unpaid:				
Federally financed power	144,061	0	(777)	143,284
Non-Federally financed power	133,502	0	(2,959)	130,543
Nonpower	24,859	0	0	24,859
Total Investment unpaid	**302,422**	**0**	**(3,736)**	**298,686**
Fund Balances:				
Colorado River Dam	10,110	516	(3,039)	7,587
Working Capital	1,000	0	0	1,000
Percent of investment repaid to date:				
Federal power	61.30%			61.68%
Non-Federal power	21.03%			22.78%
Nonpower	0.56%			0.56%

[1] This column ties to the cumulative FY 1999 numbers on page 58 of the FY 1999 Operations Summary.
[2] Reflects an adjustment made in the FY 1999 audited financial statements.
[3] This annual adjustment reflects the different treatment of replacements in the financial statements and the power repayment study.
[4] This adjustment reflects principal payments on capitalized deficits.

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Central Valley Project

The Central Valley Project in California's Central Valley has 18 dams that create reservoirs with a total storage capacity of 13 million acre-feet. Two years after the project was authorized in 1937, construction began on 615 miles of canals, five pumping plants and 10 powerplants consisting of 38 hydroelectric generating units. Irrigation aspects of the Central Valley Project cover an area 400 miles long by 45 miles wide comprising almost one-third of California.

The generating units have an installed capacity of 2,068 MW and, after satisfying the project's irrigation pumping needs, provide the yearly electrical needs for 650,000 people. The Central Valley Project includes 852.3 circuit miles (1,372 km) of high-voltage transmission lines. This does not include 94 miles (151 km) of 500-kV line from Malin Substation (Oregon) to Round Mountain (California). In addition to the CVP lines, Western operates and maintains the California-Oregon Transmission Project, a 350-mile 500-kV line running from Captain Jack Substation near Malin to Tesla (California). We have transmission capacity rights to 8.9 percent of the COTP, which has a rated capability of 1,600 MW. Western also has an entitlement to 400 MW of capacity on the northern segment of the Pacific Northwest-Southwest Intertie Project.

In FY 2000, the inflow to the four major CVP reservoirs (Trinity, Folsom, New Melones and Shasta) was 12.3 million acre-feet, about 113 percent of the long-term average of 10.8 million acre-feet. As of Sept. 30, 2000, the combined storage of these four facilities was 7.2 million acre-feet or 600,000 acre-feet below last year at this time. Net generation totaled 5.8 billion kWh, which is approximately 128 percent of the preceding 15-year average.

Allocations made through power marketing plans for the Central Valley Project govern power sales. All of these power contracts terminate by Dec. 31, 2004. Current agreements call for Western to furnish customers up to a simultaneous peak of 1,152 MW with the associated energy based on each customer's system load factor. Western purchases additional power to supplement Central Valley Project generation to meet these contractual obligations.

Western's requirements to support generation through power purchases increased from 3.9 billion kWh in FY 1999 to 5.1 billion kWh in FY 2000.

FY 2000 firm power sales totaled 8.5 billion kWh and $135.9 million, not including project use. These sales were made to: municipalities (45.9 percent), public utility districts (29.3 percent), Federal (15.9 percent) and others (8.9 percent). About 66 percent of all the Central Valley Project's power in FY 2000 was sold to five customers: Sacramento Municipal Utility District, the Bay Area cities of Palo Alto and Santa Clara (Silicon Valley Power) and the cities of Redding and Roseville.

The commercial firm power rates contained in Rate Schedule CV-F9 were approved by the Federal Energy Regulatory Commission on Jan. 8, 1998. The FY 2000 resulting composite rate under Rate Schedule CV-F9 of 19.31 mills/kWh was the same composite as the previous fiscal year.

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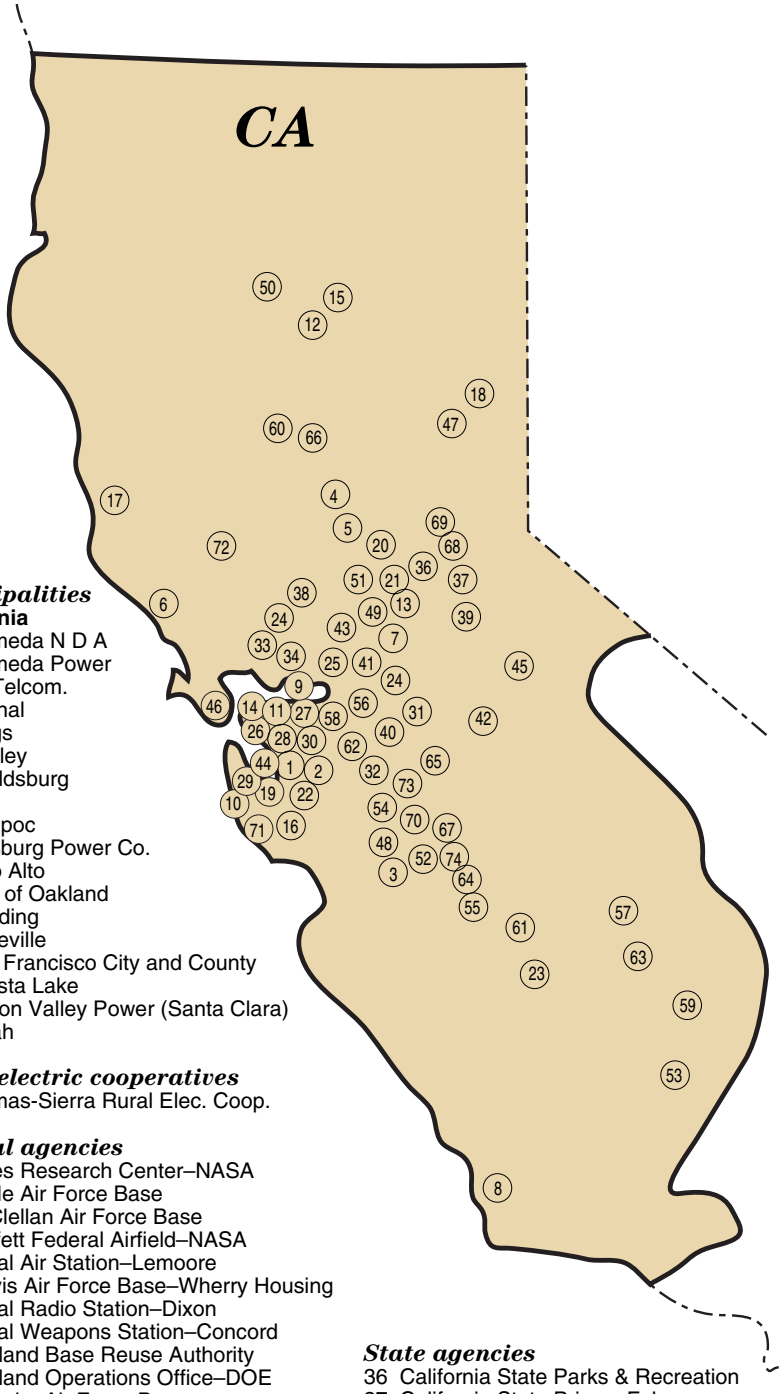
Central Valley Project

Firm Power Customers and Marketing Area



Municipalities
California
1 Alameda N D A
2 Alameda Power & Telcom.
3 Avenal
4 Biggs
5 Gridley
6 Healdsburg
7 Lodi
8 Lompoc
9 Pittsburg Power Co.
10 Palo Alto
11 Port of Oakland
12 Redding
13 Roseville
14 San Francisco City and County
15 Shasta Lake
16 Silicon Valley Power (Santa Clara)
17 Ukiah

Rural electric cooperatives
18 Plumas-Sierra Rural Elec. Coop.

Federal agencies
19 Ames Research Center–NASA
20 Beale Air Force Base
21 McClellan Air Force Base
22 Moffett Federal Airfield–NASA
23 Naval Air Station–Lemoore
24 Travis Air Force Base–Wherry Housing
25 Naval Radio Station–Dixon
26 Naval Weapons Station–Concord
27 Oakland Base Reuse Authority
28 Oakland Operations Office–DOE
29 Onizuka Air Force Base
30 Parks Reserve Forces Training Area
31 Sharpe Defense Distribution Depot
32 Tracy Defense Distribution Depot
33 Travis Air Force Base–David Grant Medical Center
34 Travis Air Force Base

State agencies
36 California State Parks & Recreation
37 California State Prison–Folsom
38 California Medical Facility–Vacaville
39 California State University–Sacramento
40 Deuel Vocational Institution
41 No. Calif. Youth Center
42 Sierra Conservation Center
43 University of California–Davis

Public utility districts
44 Bay Area Rapid Transit District
45 Calaveras Public Power Agency
46 East Bay Municipal Utility District
47 Lassen Municipal Utility District
48 Modesto ID
49 Sacramento Municipal Utility District
50 Trinity County PUD
51 Tuolumne Public Power Agency
52 Turlock ID

Irrigation districts
53 Arvin-Edison WSD
54 Banta-Carbona ID
55 Broadview WD
56 Byron-Bethany ID
57 Cawelo WD
58 E. Contra Costa ID*
59 Eastside Power Authority
60 Glenn-Colusa ID
61 James ID
62 West Side ID
63 Lower Tule River ID
64 Merced ID
65 Patterson WD
66 Provident ID
67 Reclamation Dist. 2035
68 San Juan WD
69 San Juan Suburban WD
70 San Luis WD*
71 Santa Clara Valley WD
72 Sonoma County WA
73 West Stanislaus ID
74 Westlands WD* (includes three customers)

Note: Does not include Bureau of Reclamation customers

* Multiple delivery points

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Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resource		
Net generation [1]	5,722	6,289
Purchases		
Non-Western	5,120	3,382
Total purchases	5,120	3,382
Total energy resources	**10,842**	**9,671**

[1] Reduced by Gianelli and O'Neill generation (120 GWh), which is offset against project use sales.

	(GWh) FY 2000	FY 1999
Energy disposition		
Sales of electric energy		
Western sales	9,337	8,415
Project use sales	1,491	1,288
Total energy sales	**10,828**	**9,703**
Total energy delivered	**10,828**	**9,703**
System and contractual losses	14	(32)
Total energy disposition	**10,842**	**9,671**

Transmission Lines

	California		Totals	
Voltage rating	**FY 2000**	**FY 1999**	**FY 2000**	**FY 1999**
230-kV				
Circuit miles	802.84	802.84	802.84	802.84
Circuit kilometers	1,291.77	1,291.77	1,291.77	1,291.77
Acres	12,185.20	12,034.06	12,185.20	12,034.06
Hectares	4,933.29	4,872.10	4,933.29	4,872.10
115-kV				
Circuit miles	7.37	7.37	7.37	7.37
Circuit kilometers	11.86	11.86	11.86	11.86
69-kV and below				
Circuit miles	42.05	42.05	42.05	42.05
Circuit kilometers	67.66	67.66	67.66	67.66
Acres	177.03	178.14	177.03	178.14
Hectares	71.67	72.12	71.67	72.12
Totals				
Circuit miles	852.26	852.26	852.26	852.26
Circuit kilometers	1,371.29	1,371.29	1,371.29	1,371.29
Acres	12,362.23	12,212.20	12,362.23	12,212.20
Hectares	5,004.96	4,944.22	5,004.96	4,944.22

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	15	15
Number of transformers	16	16
Transformer capacity (kVA)	2,162,216	2,162,216
Land (fee)		
Acres	343.83	330.32
Hectares	139.20	133.73
Land (easement)		
Acres	0	0.52
Hectares	0	0.21
Buildings and communications sites		
Number of buildings	38	27
Number of communication sites	17	16
Land (easement)		
Acres	0	2.06
Hectares	0	0.83

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	July 1, 1999	Net generation GWh [2] FY 2000	FY 1999
California									
J.F. Carr	Reclamation	Clear Creek Tunnel	May 63	2	154	140	140	597	563
Folsom	Reclamation	American	May 55	3	215	189	165	582	727
Keswick	Reclamation	Sacramento	Oct 49	3	105	80	33	478	518
New Melones	Reclamation	Stanislaus	Jun 79	2	383	370	370	484	729
Nimbus	Reclamation	American	May 55	2	14	8	11	67	114
O'Neill [3]	Reclamation	San Luis Creek	Nov 67	6	29	1	0	9	5
Shasta	Reclamation	Sacramento	Jun 44	7	625	620	588	2,083	2,466
Spring Creek	Reclamation	Spring Creek Tunnel	Jan 64	2	200	180	180	759	598
Trinity	Reclamation	Trinity	Feb 64	3	140 [4]	130	130	673	574
W.R. Gianelli [3]	CDWR	San Luis Creek	Mar 68	8	202 [5]	122	170	111	199
Central Valley total				**38**	**2,068**	**1,840**	**1,787**	**5,842**	**6,492**

[1] 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.
[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] Pump/generating plant.
[4] Includes 0.35 MW at Lewiston Powerplant.
[5] United States' share (50 percent) of plant capability.

Reclamation - Bureau of Reclamation, Department of the Interior
CDWR - California Department of Water Resources

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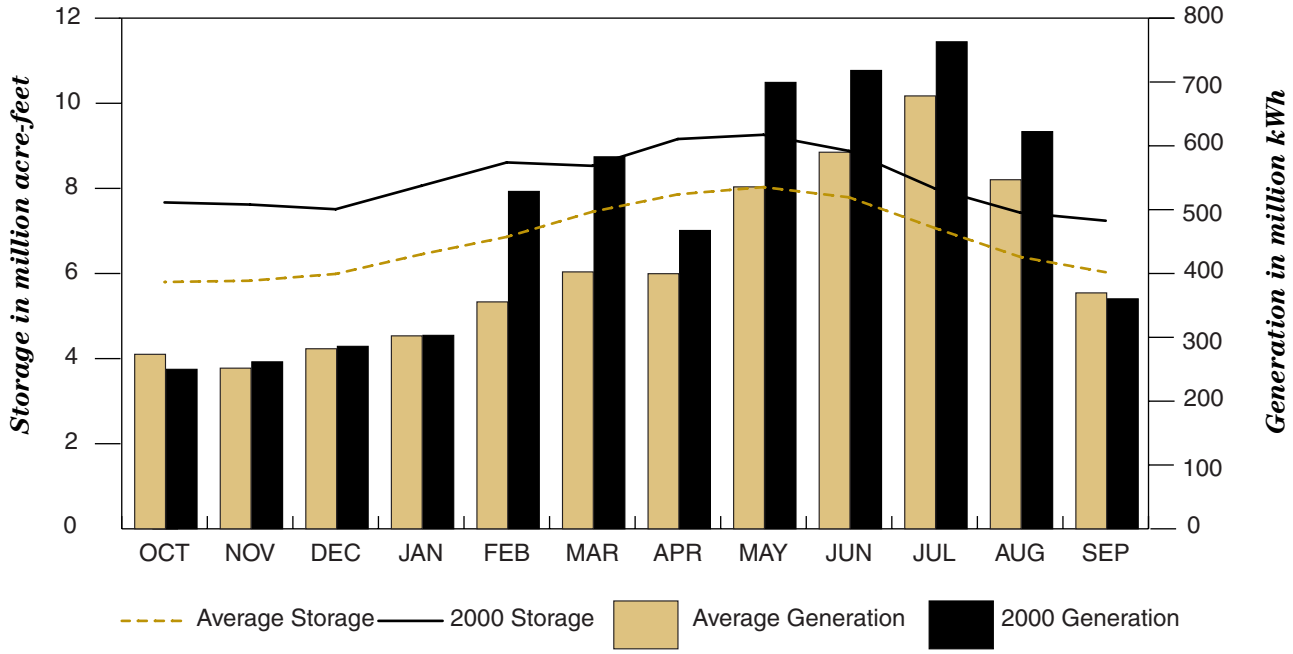
Storage and Generation



(Includes Clair Engle, Shasta, Folsom and New Melones)

Firm Power Rate Provisions

Monthly Rate					
Fiscal year	Rate schedule designation	Capacity charge ($/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	CV-F9	4.31	10.19 mills/kWh; AERA 3.92 mills/kWh	10/1/97	19.31 mills/kWh

Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2000	CV-FT3, Firm transmission service	$0.51 kW-mo.
	CV-SPR1, Spinning reserve service	$1.35 kW/mo.
	CV-SUR1, Supplemental reserve service	$1.27 kW/mo.
	CV-RFS1, Regulation and frequency response service	$1.48 kW/mo.
	CV-NWT1, Network transmission service	Load ratio share times 1/12 of annual network transmission revenue requirement.
	CV-EID1, Energy imbalance service	Within deviation band, net deviations at the end of the month are exchanged with like hours of energy, or charged at the effective CVP firm power rate. Outside deviation band: positive deviations, no charge; negative on-peak deviations are the greater of 3 times the CVP firm power rate or any additional cost; negative off-peak deviations are the CVP firm power rate or any additional cost.

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Marketing Plan Summary

Project	Expiration date
Central Valley	December 31, 2004

Firm and Nonfirm Sales by Customer Category

	FY 2000			FY 1999		
Type of customer	**Firm**	**Nonfirm**	**Total**	**Firm**	**Nonfirm**	**Total**
Municipalities						
Energy sales - MWh	4,040,024	473,969	4,513,993	3,581,790	256,434	3,838,224
Revenues - $	62,453,101	10,367,957	72,821,058	56,679,787	5,627,678	62,307,465
Cooperatives						
Energy sales - MWh	114,878	13,548	128,426	85,005	900	85,905
Revenues - $	1,822,057	299,823	2,121,880	1,285,833	17,436	1,303,270
Federal agencies						
Energy sales - MWh	1,327,627	0	1,327,627	1,254,394	0	1,254,394
Revenues - $	21,627,690	0	21,627,690	22,288,030	0	22,288,030
State agencies						
Energy sales - MWh	215,532	0	215,532	203,159	0	203,159
Revenues - $	3,683,716	0	3,683,716	4,311,331	0	4,311,331
Public utility districts						
Energy sales - MWh	2,423,273	352,570	2,775,843	2,599,031	96,521	2,695,552
Revenues - $	39,867,933	6,380,169	46,248,102	49,452,024	3,544,446	52,996,469
Irrigation districts						
Energy sales - MWh	364,409	11,393	375,801	280,043	337	280,380
Revenues - $	6,439,703	253,022	6,692,725	5,769,659	15,235	5,784,893
Investor-owned utilities						
Energy sales - MWh	0	0	0	57,279	0	57,279
Revenues - $	0	0	0	1,081,338	0	1,081,338
Total [1]						
Energy sales - MWh	8,485,742	851,480	9,337,222	8,060,701	354,192	8,414,893
Revenues - $	135,894,199	17,300,970	153,195,170	140,868,001	9,204,794	150,072,795

[1] Excludes energy sales and power revenues to interdepartmental and Bureau of Reclamation customers, because these power sales are not based on firm or nonfirm power rates.

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Firm and Nonfirm Sales by State

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
California						
Energy sales - MWh	8,485,742	851,480	9,337,222	8,060,701	354,192	8,414,893
Power revenues - $	135,894,199	17,300,970	153,195,170	140,868,001	9,204,794	150,072,795
Total						
Energy sales - MWh	**8,485,742**	**851,480**	**9,337,222**	**8,060,701**	**354,192**	**8,414,893**
Power revenues - $	**135,894,199**	**17,300,970**	**153,195,170**	**140,868,001**	**9,204,794**	**150,072,795**

Sales by State and Customer Category

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
California				
Municipalities	4,513,993	72,821,058	3,838,224	62,307,465
Cooperatives	128,426	2,121,880	85,905	1,303,270
Federal agencies	1,327,627	21,627,690	1,254,394	22,288,030
State agencies	215,532	3,683,716	203,159	4,311,331
Public utility districts	2,775,843	46,248,102	2,695,552	52,996,469
Irrigation districts	375,801	6,692,725	280,380	5,784,893
Investor-owned utilities	0	0	57,279	1,081,338
Total California	**9,337,222**	**153,195,170**	**8,414,893**	**150,072,795**
Project use sales	1,490,715	9,151,989	1,288,322	8,700,000
Total	**10,827,937**	**162,347,159**	**9,703,215**	**158,772,795**

Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	Sacramento Municipal Utility District	2,042,655	24
2	Silicon Valley Power (Santa Clara)	1,431,193	17
3	Palo Alto, Calif.	1,055,105	12
4	Redding, Calif.	518,981	6
5	Roseville, Calif.	512,398	6
	Total	**5,560,331**	**66**

Top 5 Customers in Firm Power Revenue

Rank	Customer	($)	Percent of firm revenue
1	Sacramento Municipal Utility District	33,279,127	24
2	Silicon Valley Power (Santa Clara)	20,422,848	15
3	Palo Alto, Calif.	16,790,732	12
4	Redding, Calif.	8,541,058	6
5	Roseville, Calif.	8,197,156	6
	Total	**87,230,922**	**64**

Top 5 Customers in Nonfirm Energy Sales

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Sacramento Municipal Utility District	321,456	38
2	Roseville, Calif	130,163	17
3	Redding, Calif.	73,908	11
4	Silicon Valley Power (Santa Clara)	70,108	8
5	Palo Alto, Calif.	55,838	7
	Total	**651,473**	**76**

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Top 5 Customers in Nonfirm Energy Revenue

Rank	Customer	($)	Percent of nonfirm sales
1	Sacramento Municipal Utility District	5,670,800	33
2	Redding, Calif.	2,931,455	17
3	Silicon Valley Power (Santa Clara)	1,891,763	11
4	Roseville, Calif.	1,419,408	8
5	Palo Alto, Calif.	1,181,779	7
	Total	**13,095,204**	**76**

Purchased Power

Supplier	FY 2000 Energy (MWh)	FY 2000 Costs ($ 000)	FY 1999 Energy (MWh)	FY 1999 Costs ($ 000)
NonWestern suppliers				
American Electric Power	2,000	209	0	0
California Department of Water Resources	5,280	185	840	18
California Power Exchange	6,600	316	0	0
Citizens Power Sales	20,400	2,140 [1]	189,690	5,124
Dynegy Power Marketing, Inc.	1,600	174	0	0
El Paso Merchant Energy, L.P.	6,400	531	0	0
Enron Power Marketing, Inc.	316,476	24,962	307,935	33,323
Northern California Power Agency	1,200	138	1,495	147
PacifiCorp	694,790	28,885	798,695	30,438
Pacific Gas & Electric Company	3,930,110	57,780	2,005,018	30,664
Powerex Exchange Corp.	34,925	1,056	0	0
Redding, Calif.	72,324	1,555	76,060	4,107
Sacramento Municipal Utility District	0	1	2,167	36
Sierra Pacific Power	16,997	232	0	0
Silicon Valley Power	11,382	932	20	1
Washington Water Power Company	0	0	56	1
Total Central Valley Project	**5,120,484**	**119,096**	**3,381,976**	**103,859**

[1] Excludes pass-through purchases.

Purchased Transmission

Supplier	FY 2000 Costs ($000)	FY 1999 Costs ($000)
NonWestern suppliers		
Bonnevillle Power Administration	0	13
PacifiCorp	1,825	1,934
Pacific Gas and Electric Company	16,703	14,038
Sacramento Municipal Utility District	222	222
Transmission Agency of Northern California	482	324
Total Central Valley Project	**19,232**	**16,531**

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Customers by State and Customer Category

State/Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
California								
Municipalities	6	12	0	18	6	11	0	17
Cooperatives	0	1	0	1	0	1	0	1
Federal agencies	17	0	0	17	17	0	0	17
State agencies	8	0	0	8	8	0	0	8
Public utility districts	4	5	0	9	6	3	1	10
Irrigation district	23	1	0	24	25	1	0	26
Investor-owned utilities	0	0	0	0	0	0	1	1
Total	**58**	**19**	**0**	**77**	**62**	**16**	**2**	**80**

Summary by state

California	58	19	0	77	62	16	2	80
Total	**58**	**19**	**0**	**77**	**62**	**16**	**2**	**80**

Summary by customer category

Municipalities	6	12	0	18	6	11	0	17
Cooperatives	0	1	0	1	0	1	0	1
Federal agencies	17	0	0	17	17	0	0	17
State agencies	8	0	0	8	8	0	0	8
Public utility districts	4	5	0	9	6	3	1	10
Irrigation district	23	1	0	24	25	1	0	26
Investor-owned utilities	0	0	0	0	0	0	1	1
Subtotal	**58**	**19**	**0**	**77**	**62**	**16**	**2**	**80**
Project use sales	34	0	0	34	34	0	0	34
Total Western	**92**	**19**	**0**	**111**	**96**	**16**	**2**	**114**

Transmission Revenue

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Long-term firm point-to-point	4,372,609	6,182,527
Short-term firm point-to-point	1,925,104	0
Total	**6,297,713**	**6,182,527**

Ancillary Services Revenue

Ancillary service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Scheduling and dispatch service	254,454	212,044
Regulation and frequency response	83,339	74,244
Energy imbalance service	10,203	7,557
Operating reserves—spinning	59,374	45,044
Total	**407,370**	**338,889**

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Power Sales and Revenue

Customer	Contract rate of delivery Annual (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Municipalities					
California					
Alameda NDA	6,000	36,867	613,192	6,319	115,254
Alameda Power & Tel	16,444	209,712	3,454,426	69,372	1,140,789
Avenal	622	4,009	68,271	3,820	70,803
Biggs	500	6,746	116,669	4,054	17,120
Gridley	3,900	30,175	519,580	19,314	224,049
Healdsburg	2,484	33,079	582,823	24,990	436,113
Lodi	9,749	109,295	1,814,272	74,500	1,268,760
Lompoc	3,833	51,281	895,240	38,334	660,083
Oakland Base Reuse Authority	0	1,416	27,363	0	0
Pittsburg Power Company	5,000	18,643	354,834	15,439	323,850
Port of Oakland	7,600	5,631	144,671	3,531	71,658
Palo Alto	172,000	1,110,943	17,972,511	732,314	11,997,364
Redding	106,000	642,561	11,472,512	587,792	10,323,826
Roseville	69,000	592,889	9,616,564	587,046	10,157,428
San Francisco City & County	2,600	13,857	235,791	10,495	204,134
Silicon Valley Power	216,532	1,501,301	22,314,611	1,538,513	23,049,310
Shasta Lake	11,450	66,381	1,278,028	67,256	1,314,522
Ukiah	7,105	79,208	1,339,699	55,136	932,401
Total municipalities		**4,513,993**	**72,821,058**	**3,838,224**	**62,307,465**
Rural electric cooperatives					
California					
Plumas-Sierra Rural Elec. Coop	18,200	128,426	2,121,880	85,905	1,303,270
Total rural electric cooperatives		**128,426**	**2,121,880**	**85,905**	**1,303,270**
Federal agencies					
California					
Ames Research Center—NASA	80,000	150,148	4,995,545	147,069	5,446,391
Beale Air Force Base	21,575	115,741	2,043,076	116,933	2,198,829
Oakland Operations Office—DOE [2]	77,614	504,936	7,861,739 [1]	607,985	7,275,780
McClellan Air Force Base	17,000	76,812	1,344,958	71,021	1,343,751
Moffett Federal Airfield—NASA	5,009	23,276	388,267	27,051	490,252
Naval Air Station—Lemore	20,275	87,547	1,517,302	78,759	1,470,920
Naval Comm. Station—Stockton	0	1,628	32,084	8,631	189,660
Naval Radio Station—Dixon	915	4,015	68,564	4,622	83,629
Naval Weapons Station—Concord	2,398	9,038	163,290	8,867	177,785
Oakland Army Base	2,000	6,076	110,622	9,097	184,559
Onizuka Air Force Base	5,000	34,193	543,919	30,339	659,326
Parks Res. Forces Trng. Area—Army	500	2,464	44,214	2,182	41,837
Sharpe Defense Distribution Depot	3,500	189,601	337,702	20,897	408,336
Tracy Defense Distribution Depot	4,300	19,132	370,380	15,985	352,036
Travis AFB—David Grant Med. Center	3,500	22,807	394,417	22,688	427,646
Travis Air Force Base	12,651	73,839	1,286,884	75,894	1,406,118
Travis Wherry Housing—Air Force	1,400	6,376	124,728	6,374	131,175
Total Federal agencies		**1,327,627**	**21,627,690**	**1,254,394**	**22,288,030**
State agencies					
California					
California State Parks & Recreation	100	208	4,474	203	4,820
California State Prison—Folsom	2,300	13,256	238,235	13,285	258,506
California Medical Facility—Vacaville	1,800	10,773	186,172	10,736	199,096
Calif. State Univ. Sacramento—Nimbus	100	79	1,760	80	2,081
Deuel Vocational Institute	1,700	9,943	177,916	9,854	191,423
Northern California Youth Center	2,200	12,158	210,930	11,726	237,263
Sierra Conservation Center	3,000	12,210	205,633	8,686	158,523
University of California—Davis	24,682	156,904	2,658,596	148,589	3,259,619
Total state agencies		**215,532**	**3,683,716**	**203,159**	**4,311,331**

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Annual (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Public utility districts					
California					
Bay Area Rapid Transit	4,000	17,501	365,597	151,708	3,966,521
Calaveras Public Power Agency	9,000	24,932	509,262	24,603	542,462
East Bay MUD	4,510	34,403	562,918	34,438	807,308
Lassen MUD	3,000	119,226	2,032,698	137,295	3,709,677
Modesto ID	8,227	69,799	1,161,137	67,956	1,167,166
Northern Calif. Power Agency	0	0	0	0	199
Sacramento MUD	361,000	2,364,111	38,949,927	2,141,699	40,153,920
Trinity County PUD	17,750	82,608	1,428,952	83,151	1,560,374
Tuolumne Public Power Agency	8,000	26,762	544,457	26,388	582,136
Turlock ID	3,184	36,500	693,154	28,314	506,707
Total public utilities districts		**2,775,843**	**46,248,102**	**2,695,552**	**52,996,469**
Irrigation districts					
California					
Arvin-Edison WD	30,000	111,868	2,055,013	106,122	1,959,564
Banta-Carbona ID	3,700	10,944	192,593	9,782	186,462
Broadview WD	500	853	19,235	1,070	26,678
Byron-Bethany ID	2,200	4,324	86,765	3,063	68,763
Cawelo WD	3,500	13,393	240,406	13,569	399,337
East Contra Costa ID	2,500	2,466	51,258	2,514	53,478
Eastside Power Authority [2]	3,844	31,321	579,374	15,665	299,996
Glenn-Colusa ID	3,343	8,527	149,885	7,803	148,058
James ID	836	3,250	61,460	3,252	69,729
Kern-Tulare WD [2]	0	970	32,376	5,506	138,332
Lower Tule River ID	1,510	7,948	144,522	8,908	167,478
Merced Irrigation District	5,000	16,564	300,437	19,123	378,556
Patterson WD	2,000	4,589	82,515	4,986	99,060
Provident ID	750	2,389	47,025	2,103	40,188
Rag Gulch WD	0	496	15,586	2,863	72,784
Reclamation District 2035	1,600	3,748	72,588	2,829	63,410
San Juan Suburban WD	1,000	1,973	42,098	398	10,925
San Luis WD—Fittje	3,250	0	0	0	199
San Luis WD—Kaljian	3,400	0	140	23	866
Santa Clara Valley WD	836	5,985	102,115	5,715	104,860
Sonoma County WA	6,000	31,953	580,544	28,664	747,115
West Stanislaus ID	5,200	13,173	240,798	14,382	277,748
Westlands WD Assumed Pt. Del.	42,505	94,120	1,497,415	16,042	332,120
Westlands WD Pumping Plant # 6-1	1,850	1,149	28,980	2,015	53,510
Westlands WD Pumping Plant # 7-1	3,200	0	302	16	829
West Side ID	2,000	3,797	69,294	3,967	84,849
Total irrigation districts		**375,801**	**6,692,725**	**280,380**	**5,784,893**
Investor-owned utilities					
California					
Pacific Gas & Electric		0	0	57,279	1,081,338
Total investor-owned utilities		**0**	**0**	**57,279**	**1,081,338**
Central Valley Project subtotal		**9,337,222**	**153,195,170**	**8,414,893**	**150,072,795**
Project use sales		1,490,715	9,151,989 [3]	1,288,322	8,700,000
Central Valley Project total		**10,827,937**	**162,347,159**	**9,703,215**	**158,772,795**

Notes: Due to rounding, certain non-firm sales may reflect revenue without displaying any energy sold.

[1] DOE Oakland and the four DOE labs (LLNL, Site 300, SLAC and Berkley) combined into one allocation in FY 1999.

[2] Lindsay-Strathmore, Delano and Terra-Bella irrigation Districts combined to become Eastside Power Authority. Kern-Tulare joined Eastside mid-year 1999.

[3] This includes estimated FY 2000 sales of $7.9 million, a reduction of estimated to actual sales for FY 99 of $1,907,995, offset by an increase in revenues for the third of five adjustments required for the FY 84-96 prior year estimated to actual true up of $3,159,984.

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Status of Repayment

Cumulative activities as of Sept. 30, 2000

(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments	Annual 2000	Cumulative 2000 [2]
Revenue:				
Gross operating revenue	4,415,667	18,792	185,641 [3]	4,620,100
Income transfers (net)	162	0	0	162
Total Operating Revenue	**4,415,829**	**18,792**	**185,641**	**4,620,262**
Expenses:				
O & M and other	666,367	0	53,204 [4]	719,571
Purchase power and other	3,042,143	0	141,907 [5]	3,184,050
Interest				
Federally financed	344,165	0	7,368	351,533
Total Interest	**344,165**	**0**	**7,368**	**351,533**
Total Expense	**4,052,675**	**0**	**202,479**	**4,255,154**
(Deficit)/Surplus revenue	0	18,792	(18,792)	0
Investment:				
Federally financed power	558,510	0	0	558,510
Nonpower	65,710	0	0 [6]	65,710
Total Investment	**624,220**	**0**	**0**	**624,220**
Investment repaid:				
Federally financed power	363,154	0	1,954	365,108
Total Investment repaid	**363,154**	**0**	**1,954**	**365,108**
Investment unpaid:				
Federally financed power	195,356	0	(1,954)	193,402
Nonpower	65,710	0	0	65,710
Total Investment unpaid	**261,066**	**0**	**(1,954)**	**259,112**
Percent of investment repaid to date:				
Federal	65.02%			65.37%
Non-Federal	N/A			N/A

[1] This column ties to cumulative FY 1999 figures reported in the FY 1999 Status of Repayment.
[2] Based on the 2000 Power Repayment Study.
[3] The operating revenues are based on the Revenue Adjustment Clause calculation. Revenues are adjusted for the FY 2000 RAC of $18,792,500.
[4] O&M and other expenses are based on the Revenue Adjustment Clause calculation.
[5] Purchase power expenses are based on the Revenue Adjustment Clause calculation.
[6] The nonpower investment, or aid to irrigation, appears in the PRS as in service in the first future year, but it is included here in the cumulative FY 1999 and FY 2000 amounts.

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Loveland Area Projects

Western's post-1989 power marketing plan operationally and contractually integrated the Fryingpan-Arkansas Project and the Pick-Sloan Missouri Basin Program—Western Division into the Loveland Area Projects for marketing and rate-setting purposes in 1990. Our Rocky Mountain Customer Service Region administers this program. LAP power is marketed to 40 firm power customers in the Rocky Mountain Region's service area. Fifty-three percent of LAP power is sold in Colorado, with the remaining power sold in Kansas, Nebraska and Wyoming. The LAP revenue requirement for the firm power rate is determined by combining Fry-Ark and Western Division revenue requirements. A single LAP rate design is developed using this revenue requirement. In FY 2000, the LAP firm power rate, Rate Schedule L-F4, was extended through Sept. 30, 2003.

Fry-Ark and Western Division financial and repayment responsibilities remain separate. Pick-Sloan financial statements contain information that reflects costs from both the Eastern and Western divisions and the generating agencies (Bureau of Reclamation and U.S. Army Corps of Engineers). Western Division is allocated a portion of those costs. Fry-Ark financial statements contain only information for Fry-Ark.

Firm power contracts provide for Western to furnish a specific amount of capacity and energy each month for the term of the contract. LAP firm energy is marketed based on the long-term average generation, rather than customer load factors. As a result of implementing the Energy Planning and Management Program in FY 1996, existing customers with long-term firm power contracts were offered resource commitments for an additional 20 years. These contracts remain in effect until Sept. 30, 2024.

Western began the formal public process for establishing a new customer resource pool to become effective Oct. 1, 2004. LAP has 28 MW available for distribution through the resource pool. In consultation with the public, Western developed the criteria that it will use to allocate power to new customers. More than 40 Native American Tribes, cooperatives, municipalities and government agencies applied for allocations. In 2001, Western will complete the allocation process and begin work on negotiating firm electric service contracts. We will also offer additional resources for potential new customers in October 2009 and October 2014.

Fryingpan-Arkansas Project

This multipurpose transmountain diversion development is located in south central Colorado. Surplus water is diverted from the Fryingpan River on the west slope of the Rocky Mountains and brought to the east slope to support irrigation, municipal water supplies and electric power generation.

The project has six dams and five reservoirs with total storage of 741,000 acre-feet of water, 70 miles of tunnels and canals and a pumped-storage powerplant at Mount Elbert. Its two generating units have a capacity of 206 MW. While the majority of project capacity depends on water pumped during off-peak hours and water releases for power production when needed, some generation is attributed to flow-through water.

Authorization for the first 100 MW unit of the powerplant was granted on Aug. 16, 1962. The second unit was authorized on Oct. 27, 1974. Work on these two units was completed in 1984.

 Continued on next page.

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The pumped-storage capability of the Mount Elbert powerplant has become increasingly valuable to Western and its customers. With the unusually high prices for power during peak periods, customers maximized their use of the pumped-storage capability under their contracts by taking power deliveries during the day (on-peak) and returning energy at night (off-peak) to pump water back to the plant.

Pick-Sloan Missouri Basin Program-Western Division

Both the Eastern and Western divisions have common electrical facilities at Yellowtail Dam in Montana and at a point near Gering, Neb. However, the divisions are separate and distinct systems. Both contribute revenue to repay P-SMBP expenses and investments with different generating resources and separate allocations of firm power and rate structures.

Western Division generating resources (including Integrated Projects) include Bureau of Reclamation Missouri River Basin powerplants: Yellowtail (one-half), Buffalo Bill, Spirit Mountain, Boysen, Pilot Butte, Glendo, Kortes, Fremont Canyon, Colorado-Big Thompson, Kendrick, Shoshone and North Platte. These projects have a maximum operating capacity of 758 MW.

Water deliveries this year to the Colorado-Big Thompson Project were near average due to normal precipitation during the irrigation season. The total amount of water diverted from the Colorado River to the Big Thompson system during FY 2000 was 238,600 acre-feet, which represents 104 percent of the 1966 to 1995 average diversion of 228,500 acre-feet. This higher-than-normal diversion was due to low carryover storage in Horsetooth Reservoir and Carter Lake.

Inflow from the spring snowmelt runoff into the three river basins (Big Thompson, North Platte and Bighorn) during FY 2000 was below average. Consequently, carryover water to be stored in the reservoirs was both below average and less than in the preceding year.

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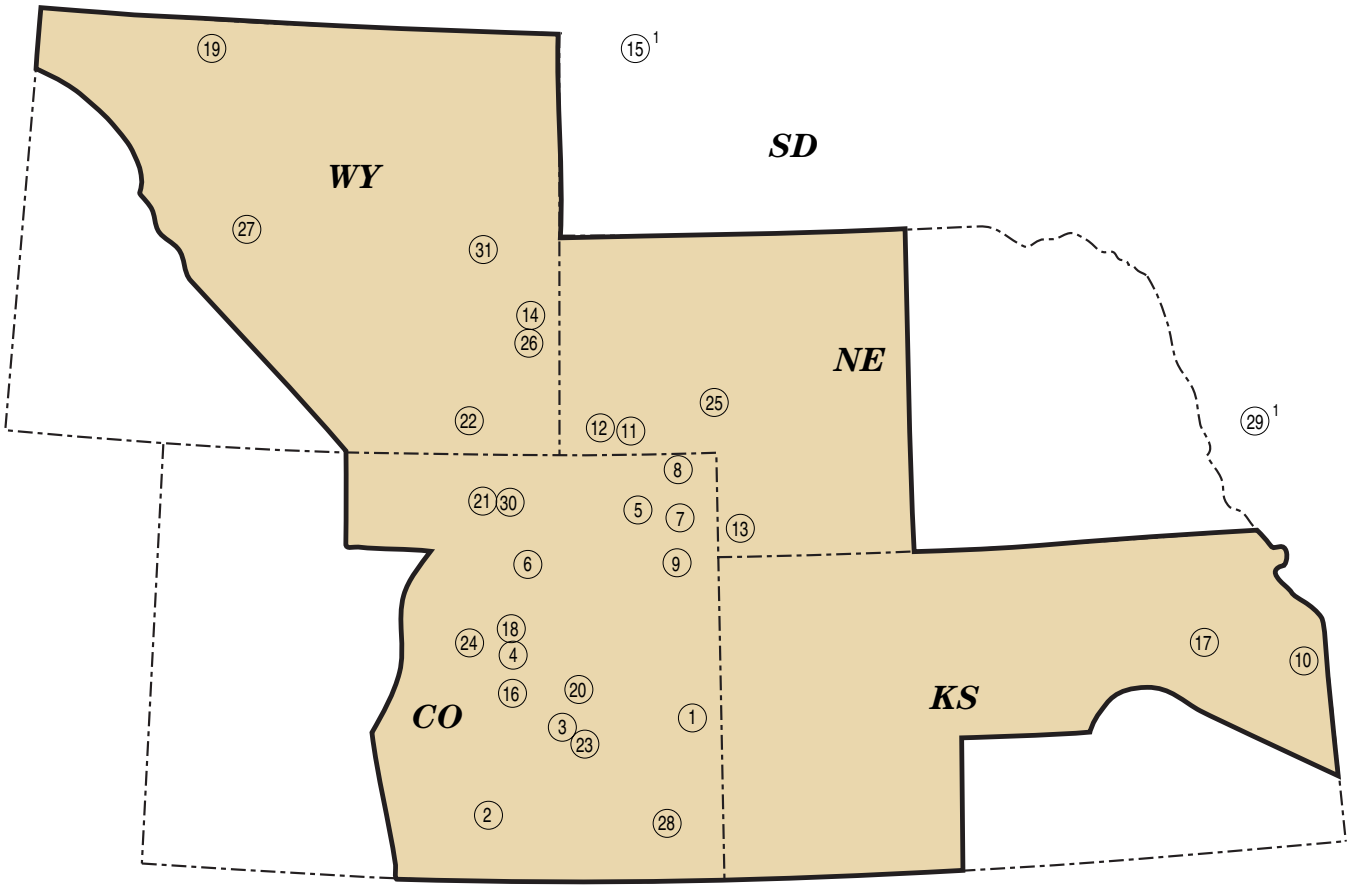
Loveland Area Projects

Firm Power Customers and Marketing Area



Municipalities

Colorado
1 Burlington
2 Center
3 Colorado Springs Utilities
4 Denver Water Board
5 Fort Morgan
6 Frederick
7 Holyoke
8 Julesburg
9 Wray

Kansas
10 Kansas Municipal Energy Agency

Nebraska
11 Lodgepole
12 Sidney
13 Wauneta

Wyoming
14 Torrington

Rural electric cooperatives
15 Basin Electric Power Coop.
16 Intermountain REA
17 Kansas Elec. Power Coop.
18 Tri-State Generation & Transmission
19 Willwood Light & Power Co.

Federal agencies
20 U.S. Air Force Academy
21 Arapahoe and Roosevelt National Forests
22 Francis E. Warren Air Force Base
23 Peterson Air Force Base
24 Rocky Flats–DOE

Public utility district
25 Nebraska Public Power District

Irrigation districts
26 Goshen ID
27 Midvale ID

State agencies
28 Arkansas River Power Authority
29 Municipal Energy Agency of Nebraska
30 Platte River Power Authority
31 Wyoming Municipal Power Agency

Note: Does not include Bureau of Reclamation customers.

[1] All customer loads are delivered within the project's marketing area, even though a customer's headquarters may not be within it, as shown on this map.

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Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resources		
Net generation	2,172	2,596
Interchange		
Received	627 [1]	89
Delivered	149	181
Net	478	(92)
Purchases		
NonWestern	421	89
Western	161	184
Total purchases	582	273
Total energy resources	**3,232**	**2,777**
Energy disposition		
Sales of electric energy		
Western sales	2,274	2,189
Project use sales	13	9
Total energy sales	2,287	2,198
Other		
Other deliveries/losses	1,068 [2]	377
Total other	1,068	377
Total energy delivered	3,355	2,575
System and contractual losses [3]	(123)	202
Total energy disposition	**3,232**	**2,777**

[1] Includes energy returned for pump storage.
[2] Includes energy used for pumping, pumping generation schedules (customers' use of pump storage), and interproject interchange with CRSP. Previous years have only included energy used for pumping.
[3] Negative system and contractual losses are due to over deliveries by others in the control area causing deviation. Deviation is not accounted for in the total energy resources.

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	79	78
Number of transformers	73	73
Transformer capacity (kVA)	2,244,708	2,244,708
Land (fee)		
Acres	512.4	559
Hectares	207	226
Land (easement)		
Acres	125.9	184
Hectares	51	74
Buildings and communications sites		
Number of buildings	191	190
Number of communications sites	80	80
Land (fee)		
Acres	58.73	59
Hectares	24	24
Land (easement)		
Acres	24.96	53
Hectares	10	21

Transmission Lines

	Colorado		Nebraska		Wyoming		Total	
Voltage rating	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999
230-kV								
Circuit miles	64.82	64.82	106.06	106.06	337.20	337.20	508.08	508.08
Circuit kilometers	104.30	104.30	170.65	170.65	542.55	542.55	817.50	817.50
Acres	966.34	995.08	1,964.05	1,964.06	5,178.06	5,176.40	8,108.45	8,135.54
Hectares	391.23	402.87	795.16	795.17	2,096.39	2,095.71	3,282.78	3,293.75
138-kV								
Circuit miles	22.05	22.05	0.00	0.00	0.00	0.00	22.05	22.05
Circuit kilometers	35.48	35.48	0.00	0.00	0.00	0.00	35.48	35.48
Acres	282.96	282.96	0.00	0.00	0.00	0.00	282.96	282.96
Hectares	114.56	114.56	0.00	0.00	0.00	0.00	114.56	114.56
115-kV								
Circuit miles	618.35	626.35	407.74	407.74	1,371.71	1,371.71	2,397.80	2,405.80
Circuit kilometers	994.93	1,007.80	656.05	656.05	2,207.08	2,207.08	3,858.06	3,870.93
Acres	6,286.48	6,269.48	3,497.94	3,497.94	11,348.52	11,361.54	21,132.94	21,128.96
Hectares	2,545.14	2,538.26	1,416.17	1,416.17	4,594.55	4,599.82	8,555.87	8,554.25
69-kV and below								
Circuit miles	72.68	72.68	75.26	75.26	397.55	397.55	545.49	545.49
Circuit kilometers	116.94	116.94	121.09	121.09	639.66	639.66	877.69	877.69
Acres	597.13	603.17	398.59	398.59	3,702.90	3,705.78	4,698.62	4,707.54
Hectares	241.75	244.20	161.37	161.37	1,499.15	1,500.32	1,902.28	1,905.89
Totals								
Circuit miles	777.90	785.90	589.06	589.06	2,106.46	2,106.46	3,473.42	3,481.42
Circuit kilometers	1,251.64	1,264.51	947.80	947.80	3,389.29	3,389.29	5,588.73	5,601.60
Acres	8,132.91	8,150.69	5,860.58	5,860.59	20,229.48	20,243.72	34,222.97	34,255.00
Hectares	3,292.68	3,299.88	2,372.71	2,372.71	8,190.09	8,195.86	13,855.48	13,868.45

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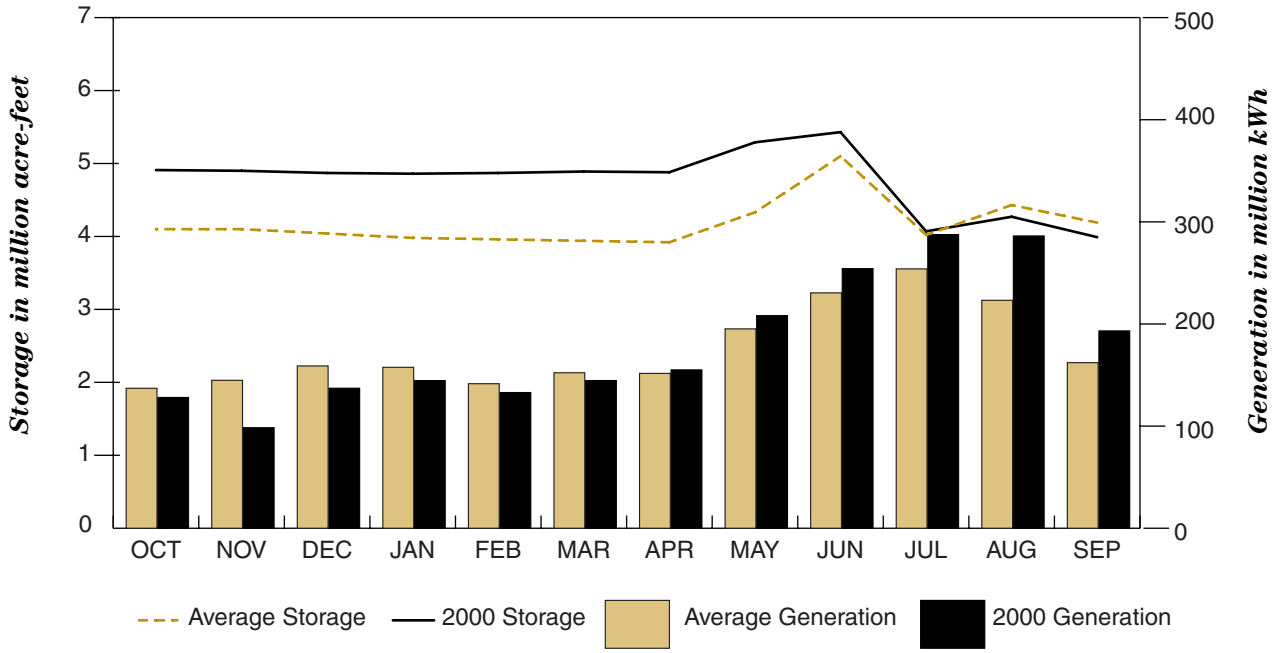
Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation GWh [2] FY 2000	Net generation GWh [2] FY 1999
Colorado									
Big Thompson	Reclamation	Trans-mtn. Div.	Apr 59	1	5	2	5	9	9
Estes	Reclamation	Trans-mtn. Div.	Sep 50	3	51	51	15	96	72
Flatiron [3]	Reclamation	Trans-mtn. Div.	Jan 54	3	95	86	71	193	189
Green Mountain	Reclamation	Blue	May 43	2	25	12	28	46	69
Marys Lake	Reclamation	Trans-mtn. Div.	May 51	1	8	8	3	38	26
Mount Elbert [3]	Reclamation	Arkansas	Oct 81	2	206	206	196	363	267
Pole Hill	Reclamation	Trans-mtn. Div.	Jan 54	1	33	32	33	157	147
Montana									
Yellowtail [4]	Reclamation	Big Horn	Aug 66	2	144	186	132	353	654
Wyoming									
Alcova	Reclamation	North Platte	Jul 55	2	40	36	38	122	123
Boysen	Reclamation	Wind	Aug 52	2	18	10	16	61	101
Buffalo Bill	Reclamation	Shoshone	May 95	3	18	15	18	72	108
Fremont Canyon	Reclamation	North Platte	Dec 60	2	66	66	66	277	274
Glendo	Reclamation	North Platte	Dec 58	2	38	34	38	89	130
Guernsey	Reclamation	North Platte	Jul 99	2	7	6	7	23	24
Heart Mountain	Reclamation	Shoshone	Dec 48	1	5	5	5	15	21
Kortes	Reclamation	North Platte	Jun 50	3	39	45	39	116	158
Pilot Butte	Reclamation	Wind	Jan 99	2	2	1	2	2	4
Seminoe	Reclamation	North Platte	Aug 39	3	51	51	53	101	179
Shoshone	Reclamation	Shoshone	May 95	1	3	3	3	22	24
Spirit Mountain	Reclamation	Shoshone	May 95	1	5	5	5	16	16
Loveland Area Projects total				**39**	**859**	**860**	**773**	**2,172**	**2,596**

1 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.
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 Pump/generating plant.
4 RMR and UGPR each market half of the plant capability and energy.

Reclamation - Bureau of Reclamation, U.S. Dept. of the Interior

Storage and Generation



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Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Monthly Rate: Capacity charge ($/kW of billing demand)	Monthly Rate: Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	L-F4 (2nd Step)	$ 2.85	10.85 mills/kWh	10/1/94	21.70 mills/kWh

Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2000	L-NT1, Network Integration Transmission Service	Load ratio share of 1/12 of the revenue requirement of $42,486,865
	L-FPT1, Firm Transmission Service	$3.45/kW-month or $41.35/kW-year
	L-NFPT1, Nonfirm Transmission Service	4.58 mills/kWh (Maximum)
	L-AS1, Scheduling, System Control, and Dispatch Service	$34.58/Schedule/Day
	L-AS2, Reactive Supply and Voltage Control from Generation Sources Service	$0.104/kW-month
	L-AS3, Regulation and Frequency Response Service	$0.080/kW-month
	L-AS4, Energy Imbalance Service	Under delivery outside 5% bandwidth, 100 mills/kWh penalty; 50% credit of average
	L-AS5, Operating Reserve - Spinning Reserve Service	Pass-through cost
	L-AS6, Operating Reserve - Supplemental Reserve Service	Pass-through cost

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-89	Loveland Area Projects	Extension of firm power rate	3/29/00	L-F4	10/01/94	$0	Rate extended through 09/30/03	N/A

Marketing Plan Summary

Project	Expiration date
Loveland Area Projects	September 30, 2024

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Firm and Nonfirm Sales by Customer Category

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Municipalities						
Energy sales - MWh	394,002	0	394,002	416,324	450	416,774
Revenues - $	8,351,933	0	8,351,933	8,725,558	9,000	8,734,558
Rural electric coop.						
Energy sales - MWh	1,193,158	234,020	1,427,178	1,268,910	800	1,269,710
Revenues - $	25,792,356	7,362,042	33,154,398	27,202,502	10,400	27,212,902
Federal agencies						
Energy sales - MWh	76,170	0	76,170	79,007	0	79,007
Revenues - $	1,255,116	0	1,255,116	1,295,092	0	1,295,092
State agencies						
Energy sales - MWh	361,126	288	361,414	380,799	8,255	389,054
Revenues - $	7,820,255	13,827	7,834,082	8,166,971	114,893	8,281,864
Public utility districts						
Energy sales - MWh	14,149	0	14,149	15,079	0	15,079
Revenues - $	260,990	0	260,990	271,081	0	271,081
Irrigation districts						
Energy sales - MWh	170	0	170	200	0	200
Revenues - $	3,824	0	3,824	4,452	0	4,452
Investor-owned utilities						
Energy sales - MWh	0	1,016	1,016	0	19,279	19,279
Revenues - $	0	68,959	68,959	0	292,998	292,998
Total [1]						
Energy sales - MWh	**2,038,775**	**235,324**	**2,274,099**	**2,160,319**	**28,784**	**2,189,103**
Revenues - $	**43,484,474**	**7,444,828**	**50,929,302**	**45,665,655**	**427,290**	**46,092,946**

[1] Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

Firm and Nonfirm Energy Sales by State

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Arizona						
Energy sales - MWh	0	0	0	0	8,370	8,370
Power revenues - $	0	0	0	0	113,248	113,248
California						
Energy sales - MWh	0	0	0	0	450	450
Power revenues - $	0	0	0	0	9,000	9,000
Colorado						
Energy sales - MWh	1,079,430	234,772	1,314,202	1,146,868	5,250	1,152,119
Power revenues - $	22,923,211	7,411,621	30,334,832	24,177,589	95,398	24,272,986
Kansas						
Energy sales - MWh	186,514	0	186,514	191,580	0	191,580
Power revenues - $	3,471,870	0	3,471,870	3,536,777	0	3,536,777
Montana						
Energy sales - MWh	0	0	0	0	1,740	1,740
Power revenues - $	0	0	0	0	20,775	20,775
Nebraska						
Energy sales - MWh	354,251	171	354,422	376,883	166	377,049
Power revenues - $	7,876,215	8,463	7,884,678	8,248,142	2,160	8,250,302
Nevada						
Energy sales - MWh	0	0	0	0	200	200
Power revenues - $	0	0	0	0	4,400	4,400
New Mexico						
Energy sales - MWh	0	0	0	0	6,310	6,310
Power revenues - $	0	0	0	0	89,783	89,783
Oregon						
Energy sales - MWh	0	0	0	0	5,940	5,940
Power revenues - $	0	0	0	0	84,985	84,985
Wyoming						
Energy sales - MWh	418,580	381	418,961	445,066	278	445,345
Power revenues - $	9,213,178	24,744	9,237,922	9,706,331	4,360	9,710,690
Total Loveland Area Projects [1]						
Energy sales - MWh	**2,038,775**	**235,324**	**2,274,099**	**2,160,398**	**28,705**	**2,189,103**
Power revenues - $	**43,484,474**	**7,444,828**	**50,929,302**	**45,668,838**	**424,108**	**46,092,946**

[1] Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

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Sales by State and Customer Category

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Arizona				
State agencies	0	0	8,130	110,368
Investor-owned utilities	0	0	240	2,880
Total Arizona	**0**	**0**	**8,370**	**113,248**
California				
Municipalities	0	0	450	9,000
Total California	**0**	**0**	**450**	**9,000**
Colorado				
Municipalities	276,315	5,849,222	294,315	6,166,011
Cooperatives	786,234	19,456,125	589,106	12,809,620
Federal agencies	59,340	959,651	61,448	991,717
State agencies	191,297	4,000,875	202,400	4,215,463
Investor-owned utilities	1,016	68,959	4,849	90,175
Project use sales	277	1,941	136	951
Total Colorado	**1,314,479**	**30,336,773**	**1,152,255**	**24,273,937**
Kansas				
Municipalities	96,458	2,027,847	99,550	2,071,336
Cooperatives	90,056	1,444,023	92,030	1,465,441
Total Kansas	**186,514**	**3,471,870**	**191,580**	**3,536,777**
Montana				
Investor-owned utilities	0	0	1,740	20,775
Interproject	60	1,620	0	0
Total Montana	**60**	**1,620**	**1,740**	**20,775**
Nebraska				
Municipalities	8,654	221,530	9,201	227,465
Cooperatives	194,070	4,360,014	207,023	4,614,056
Federal agencies	0	0	145,746	3,137,700
State agencies	137,549	3,042,144	0	0
Public utility districts	14,149	260,990	15,079	271,081
Total Nebraska	**354,422**	**7,884,678**	**377,049**	**8,250,302**
Nevada				
Investor-owned utilities	0	0	200	4,400
Total Nevada	**0**	**0**	**200**	**4,400**
New Mexico				
Investor-owned utilities	0	0	6,310	89,783
Total New Mexico	**0**	**0**	**6,310**	**89,783**
Oregon				
Investor-owned utilities	0	0	5,940	84,985
Total Oregon	**0**	**0**	**5,940**	**84,985**
Wyoming				
Municipalities	12,575	253,334	13,258	260,745
Cooperatives	356,818	7,894,236	381,551	8,323,785
Federal agencies	16,830	295,465	17,559	303,375
State agencies	32,568	791,063	32,777	818,333
Irrigation districts	170	3,824	200	4,452
Project use sales	12,672	31,680	9,006	22,516
Total Wyoming	**431,633**	**9,269,602**	**454,351**	**9,733,206**
Total Loveland Area Projects				
Municipalities	394,002	8,351,933	416,774	8,734,558
Cooperatives	1,427,178	33,154,398	1,269,710	27,212,902
Federal agencies	76,170	1,255,116	224,754	4,432,792
State agencies	361,414	7,834,082	243,307	5,144,164
Public utility districts	14,149	260,990	15,079	271,081
Irrigation districts	170	3,824	200	4,452
Investor-owned utilities	1,016	68,959	19,279	292,998
Interproject	60	1,620	0	0
Project use sales	12,949	33,621	9,142	23,467
Total	**2,287,108**	**50,964,543**	**2,198,245**	**46,116,413**

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Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	Tri-State Generation & Trans. Assn., Inc.	933,602	45.8
2	Colorado Springs Utilities	217,395	10.7
3	Municipal Energy Agency of Nebraska	137,539	6.7
4	Platte River Power Authority	113,697	5.6
5	Kansas Municipal Energy Agency	96,458	4.7
	Total	**1,498,691**	**73.5**

Top 5 Customers in Firm Energy Revenue

Rank	Customer	($)	Percent of firm revenue
1	Tri-State Generation & Trans. Assn., Inc.	20,954,206	48.2
2	Colorado Springs Utilities	4,358,952	10.0
3	Municipal Energy Agency of Nebraska	3,041,506	7.0
4	Platte River Power Authority	2,288,024	5.3
5	Kansas Municipal Energy Agency	2,027,847	4.7
	Total	**32,670,535**	**75.1**

Top 5 Customers in Nonfirm Energy Sales

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Rocky Mountain Generation Cooperative	233,095	99.1
2	Public Service Company of New Mexico	1,016	0.4
3	Tri-State Generation & Trans. Assn., Inc.	778	0.3
4	Platte River Power Authority	270	0.1
5	Basin Electric Power Cooperative	147	0.1
	Total	**235,306**	**100.0**

Top 5 Customers in Nonfirm Energy Revenue

Rank	Customer	($)	Percent of nonfirm revenues
1	Rocky Mountain Generation Cooperative	7,311,218	98.2
2	Public Service Company of New Mexico	68,959	0.9
3	Tri-State Generation & Trans. Assn., Inc.	37,676	0.5
4	Basin Electric Power Cooperative	13,148	0.2
5	Platte River Power Authority	12,523	0.2
	Total	**7,443,524**	**100.0**

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Purchased Power

Supplier	FY 2000 Energy (MWh)	FY 2000 Costs ($ 000)	FY 1999 Energy (MWh)	FY 1999 Costs ($ 000)
NonWestern suppliers				
Basin Electric Power Cooperative	64,062	1,342	53,305	843
Midwest Energy Inc.	12	1	0	0
Municipal Energy Agency of Nebraska	88,895	2,595	0	0
Nebraska Public Power District	3,224	71	28,938	769
Rocky Mountain Generation Cooperative	235,998	7,362	0	0
Sunflower Electric Power Corporation, Inc.	26,699	732	6,718	129
The Energy Authority Inc.	12	0	0	0
Western Resources	1,790	154	0	0
Subtotal nonWestern suppliers	**420,692**	**12,257**	**88,961**	**1,741**
Western suppliers				
Salt Lake City Area Integrated Projects	59,693	6,055	65,588	1,789
Pick-Sloan—Eastern Division	101,254	3,471	118,639	2,217
Subtotal Western suppliers	**160,947**	**9,526**	**184,227**	**4,006**
Total purchased power [1]	**581,639**	**21,783**	**273,188**	**5,747**

[1] Does not reflect interchange energy.

Purchased Transmission

Supplier	FY 2000 [1] Costs ($ 000)	FY 1999 [1] Costs ($ 000)
NonWestern suppliers		
Aquilla Power Corporation	15	0
British Columbia Power Exchange Corp.	3	0
Cargill-Alliant, Llc.	12	0
Idaho Power Company	24	0
Municipal Energy Agency of Nebraska	7	0
Nebraska Public Power District	396	528
Pacific Power and Light	535	0
PacifiCorp	0	162
Platte River Power Authority	0	2
Public Service Company of Colorado	3,767	3,612
Rocky Mountain Generation Cooperative [2]	124	10
Tri-State Generation & Transmission Assn., Inc.	155	166
Subtotal nonWestern suppliers	**5,038**	**4,479**
Western suppliers		
Loveland Area Projects	54	243
Salt Lake City Area Integrated Projects	63	84
Parker-Davis Project	0	1
Subtotal Western suppliers	**117**	**328**
Total purchased transmission	**5,155**	**4,807**

[1] Includes transmission costs for energy and capacity.
[2] Reflects pass-through cost to third party.

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Purchased Ancillary Services

Supplier	FY 2000 [1] Costs ($ 000)	FY 1999 [1] Costs ($ 000)
NonWestern suppliers		
Basin Electric Power Cooperative	1	88
Nebraska Public Power District	6	0
Public Service Company of Colorado	0	3
Tri-State Generation & Transmission Assn., Inc.	0	1
Others [1]	0	1
Subtotal Non-Western Suppliers	**7**	**94**
Western suppliers		
Parker-Davis Project	0	17
Subtotal Western suppliers	**0**	**17**
Total purchased ancillary services	**7**	**111**

[1] Others includes Colorado Springs Utilities, Municipal Energy Agency of Nebraska, Platte River Power Authority, Utilicorp United, and Wyoming Municipal Power Agency.

Customers by State and Customer Category

	FY 2000				FY 1999			
State/Customer category	Firm only	Firm & nonfirm	Nonfirm only	Total	Firm only	Firm & nonfirm	Nonfirm only	Total
Arizona								
State agencies	0	0	0	0	0	0	1	1
Investor-owned utilities	0	0	0	0	0	0	1	1
California								
Municipalities	0	0	0	0	0	0	1	1
Colorado								
Municipalities	9	0	0	9	9	0	0	9
Cooperatives	1	1	1	3	1	1	0	2
Federal agencies	4	0	0	4	4	0	0	4
State agencies	1	1	0	2	2	0	0	2
Investor-owned utilities	0	0	1	1	0		1	1
Kansas								
Municipalities	1	0	0	1	1	0	0	1
Cooperatives	1	0	0	1	1	0	0	1
Montana								
Investor-owned utilities	0	0	0	0	0	0	1	1
Nebraska								
Municipalities	3	0	0	3	3	0	0	3
Cooperatives	0	1	0	1	0	1	0	1
State agencies	0	1	0	1	0	1	0	1
Public utility districts	1	0	0	1	1	0	0	1
Nevada								
Investor-owned utilities	0	0	0	0	0	0	1	1
New Mexico								
Investor-owned utilities	0	0	0	0	0	0	1	1
Oregon								
Investor-owned utilities	0	0	0	0	0	0	1	1
Wyoming								
Municipalities	1	0	0	1	1	0	0	1
Cooperatives	1	2	0	3	2	1	0	3
Federal agencies	1	0	0	1	1	0	0	1
State agencies	0	1	0	1	0	1	0	1
Irrigation district	2	0	0	2	2	0	0	2
Subtotal	**26**	**5**	**2**	**33**	**28**	**3**	**8**	**39**
Project use sales	9	0	0	9	9	0	0	9
	35	**5**	**2**	**42**	**37**	**3**	**8**	**48**
Interproject sales	0	0	1	1	0	0	0	0
Total Western [1]	**35**	**5**	**3**	**43**	**37**	**3**	**8**	**48**

[1] Tri-State G&T is counted as a cooperative customer in Colorado, Nebraska and Wyoming, but as only one customer in total LAP.

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Summary by state

State	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Arizona	0	0	0	0	0	0	2	2
California	0	0	0	0	0	0	1	1
Colorado	15	2	2	19	16	1	1	18
Kansas	2	0	0	2	2	0	0	2
Montana	0	0	0	0	0	0	1	1
Nebraska	4	2	0	6	4	2	0	6
Nevada	0	0	0	0	0	0	1	1
New Mexico	0	0	0	0	0	0	1	1
Oregon	0	0	0	0	0	0	1	1
Wyoming	5	3	0	8	6	2	0	8
Total [1, 2]	**26**	**5**	**2**	**33**	**28**	**3**	**8**	**39**

[1] Tri-State G&T is counted as a cooperative customer in Colorado, Nebraska and Wyoming, but as only one customer in total LAP.

[2] Does not include 9 project use customers and 1 interproject sale in Colorado and Wyoming.

Summary by customer category

Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Municipalities	14	0	0	14	14	0	1	15
Cooperatives [1]	3	2	1	6	4	3	0	7
Federal agencies	5	0	0	5	5	0	0	5
State agencies	1	3	0	4	2	2	1	5
Public utility districts	1	0	0	1	1	0	0	1
Irrigation districts	2	0	0	2	2	0	0	2
Investor-owned utilities	0	0	1	1	0	0	6	6
Subtotal [1]	**26**	**5**	**2**	**33**	**28**	**3**	**8**	**39**
Project use sales	9	0	0	9	9	0	0	9
	35	**5**	**2**	**42**	**37**	**3**	**8**	**48**
Interproject sales	0	0	1	1	0	0	0	0
Total Western	**35**	**5**	**3**	**43**	**37**	**3**	**8**	**48**

[1] Tri-State G&T is counted as a cooperative customer in Colorado, Nebraska and Wyoming, but as only one customer in total LAP.

Transmission Revenues

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Firm transmission service	6,306,883	7,046,625
Firm network transmission service	12,559,709	8,095,892
Nonfirm point-to-point transmission service	5,613,817	2,129,284
Short-term firm point-to-point transmission service	2,252,850	307,800
Loveland Area Projects Total	**26,733,259**	**17,579,601**

Ancillary Services Revenues [1]

Ancillary service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Scheduling and dispatch service [2]	280,755	71,857
Reactive supply and voltage control service	256,458	129,605
Regulation and frequency response	644,324	707,350
Loveland Area Projects Total	**1,181,537**	**908,812**

[1] Excludes revenues bundled in delivery of Federal firm electric service.

[2] Represents control area services charged to non-transmission customers. Charges to transmission customers are included in transmission revenues.

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Power Sales and Revenue

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Municipalities						
California						
Los Angeles Dept of Water & Power	0		0	0	450	9,000
Subtotal California			**0**	**0**	**450**	**9,000**
Colorado						
Burlington	1,548	1,120	4,210	91,301	4,498	94,426
Center	225	270	1,201	21,495	1,258	22,114
Colorado Springs Utilities	63,358	59,663	217,395	4,358,952	230,304	4,602,572
Denver Water Board	2,843	2,215	7,060	163,093	7,060	163,093
Fort Morgan	15,842	15,610	31,049	874,711	32,970	895,554
Frederick	170	167	910	15,636	950	16,070
Holyoke	2,102	1,548	5,754	124,846	6,145	129,088
Julesburg	710	508	250	5,609	2,011	42,647
Wray	4,013	1,923	8,486	193,579	9,119	200,447
Subtotal Colorado			**276,315**	**5,849,222**	**294,315**	**6,166,011**
Kansas						
Kansas Municipal Energy Agency	30,956	27,010	96,458	2,027,847	99,550	2,071,336
Subtotal Kansas			**96,458**	**2,027,847**	**99,550**	**2,071,336**
Nebraska						
Lodgepole	79	87	258	5,638	273	5,801
Sidney	2,816	2,462	5,242	147,129	5,584	150,840
Wauneta	1,020	1,000	3,154	68,763	3,344	70,824
Subtotal Nebraska			**8,654**	**221,530**	**9,201**	**227,465**
Wyoming						
Torrington	3,322	3,514	12,575	253,334	13,258	260,745
Subtotal Wyoming			**12,575**	**253,334**	**13,258**	**260,745**
Total municipalities			**394,002**	**8,351,933**	**416,774**	**8,734,558**
Rural electric cooperatives						
Colorado						
Intermountain Rural Elec. Assn.	19,000	21,500	83,893	1,602,784	88,544	1,653,247
Rocky Mountain Generation Coop.	0	0	233,095	7,311,218	0	0
Tri-State Generation & Transmission Assn.	191,074	143,022	469,246	10,542,123	500,563	11,156,373
Subtotal Colorado			**786,234**	**19,456,125**	**589,106**	**12,809,620**
Kansas						
Kansas Electric Power Cooperative, Inc.	13,976	13,329	90,056	1,444,023	92,030	1,465,441
Subtotal Kansas			**90,056**	**1,444,023**	**92,030**	**1,465,441**
Nebraska						
Tri-State Generation & Transmission Assn.	86,260	51,944	194,070	4,360,014	207,023	4,614,056
Subtotal Nebraska			**194,070**	**4,360,014**	**207,023**	**4,614,056**
Wyoming						
Basin Electric Power Cooperative	24,871	25,359	85,289	1,795,872	91,910	1,870,356
Tri-State Generation & Transmission Assn.	90,550	102,468	271,064	6,089,745	289,154	6,444,572
Willwood Light & Power Company	92	117	465	8,619	487	8,858
Subtotal Wyoming			**356,818**	**7,894,236**	**381,551**	**8,323,785**
Total cooperatives			**1,427,178**	**33,154,398**	**1,269,710**	**27,212,902**
Federal agencies						
Colorado						
Arapahoe and Roosevelt Ntnl. Forests	202	282	384	6,226	403	6,272
Rocky Flats—DOE	3,280	3,250	19,143	310,012	20,389	332,884
Peterson Air Force Base	4,401	4,388	28,465	459,139	29,066	465,660
U.S. Air Force Academy	1,753	1,823	11,348	184,274	11,590	186,902
Subtotal Colorado			**59,340**	**959,651**	**61,448**	**991,717**
Wyoming						
Francis E. Warren AFB	3,300	3,300	16,830	295,465	17,559	303,375
Subtotal Wyoming			**16,830**	**295,465**	**17,559**	**303,375**
Total Federal agencies			**76,170**	**1,255,116**	**79,007**	**1,295,092**

 Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
State agencies						
Arizona						
Salt River Power	0	0	0	0	8,130	110,368
Subtotal Arizona			**0**	**0**	**8,130**	**110,368**
Colorado						
Arkansas River Power Authority	29,661	23,285	77,330	1,700,328	82,318	1,798,527
Platte River Power Authority	31,566	33,282	113,967	2,300,547	120,082	2,416,936
Subtotal Colorado			**191,297**	**4,000,875**	**202,400**	**4,215,463**
Nebraska						
Municipal Energy Agency of Nebraska	45,280	44,033	137,549	3,042,144	145,746	3,137,700
Subtotal Nebraska			**137,549**	**3,042,144**	**145,746**	**3,137,700**
Wyoming						
Wyoming Municipal Power Agency	12,413	14,420	32,568	791,063	32,777	818,333
Subtotal Wyoming			**32,568**	**791,063**	**32,777**	**818,333**
Total state agencies			**361,414**	**7,834,082**	**389,054**	**8,281,864**
Public utility districts						
Nebraska						
Nebraska Public Power District	4,007	2,278	14,149	260,990	15,079	271,081
Subtotal Nebraska			**14,149**	**260,990**	**15,079**	**271,081**
Total public utility districts			**14,149**	**260,990**	**15,079**	**271,081**
Irrigation districts						
Wyoming						
Goshen Irrigation District	26	26	17	495	22	670
Midvale Irrigation District	59	84	153	3,329	178	3,782
Subtotal Wyoming			**170**	**3,824**	**200**	**4,452**
Total irrigation districts			**170**	**3,824**	**200**	**4,452**
Investor-owned utilities						
Arizona						
Tucson Electric Power Company	0	0	0	0	240	2,880
Subtotal Arizona			**0**	**0**	**240**	**2,880**
Colorado						
Public Service Company of Colorado	0	0	1,016	68,959	4,849	90,175
Subtotal Colorado			**1,016**	**68,959**	**4,849**	**90,175**
Montana						
Montana Power Company	0	0	0	0	1,740	20,775
Subtotal Montana			**0**	**0**	**1,740**	**20,775**
Nevada						
Nevada Power Company	0	0	0	0	200	4,400
Subtotal Nevada			**0**	**0**	**200**	**4,400**
New Mexico						
Public Service Company of New Mexico	0	0	0	0	6,310	89,783
Subtotal New Mexico			**0**	**0**	**6,310**	**89,783**
Oregon						
PacifiCorp	0	0	0	0	5,940	84,985
Subtotal Oregon			**0**	**0**	**5,940**	**84,985**
Total investor-owned utilities			**1,016**	**68,959**	**19,279**	**292,998**
Loveland Area Projects subtotal			**2,274,099**	**50,929,302**	**2,189,103**	**46,092,946**
Project use sales						
Colorado	889	959	277	1,941	136	951
Wyoming	3,560	0	12,672	31,680	9,006	22,516
Total project use sales			**12,949**	**33,621**	**9,142**	**23,467**

Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Interproject						
Montana						
Pick-Sloan MBP (ED)			60	1,620	0	0
Subtotal Montana			**60**	**1,620**	**0**	**0**
Total interproject			**60**	**1,620**	**0**	**0**
Loveland Area Projects total			**2,287,108**	**50,964,543**	**2,198,245**	**46,116,413**

Fryingpan-Arkansas Project Status of Repayment

Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments	Annual 2000	Cumulative 2000 [2]
Revenue:				
Gross operating revenue	165,644	(557)	14,158	179,245
Total Operating Revenue	**165,644**	**(557)**	**14,158**	**179,245**
Expenses:				
O & M and other	43,567	589	2,678	46,834
Purchase power and other	28,244	(797)	4,035	31,482
Interest				
Federally financed	82,755	0	4,148	86,903
Total Interest	**82,755**	**0**	**4,148**	**86,903**
Total Expense	**154,566**	**(208)**	**10,861**	**165,219**
Investment:				
Federally financed power	147,872	(117)	1,009	148,764
Total Investment	**147,872**	**(117)**	**1,009**	**148,764**
Investment repaid:				
Federally financed power	11,078	(349)	3,297	14,026
Total Investment repaid	**11,078**	**(349)**	**3,297**	**14,026**
Investment unpaid:				
Federally financed power	136,794	232	(2,288)	134,738
Total Investment unpaid	**136,794**	**232**	**(2,288)**	**134,738**
Percent of investment repaid to date:				
Federal	7.49%			9.43%
Non-Federal	N/A			N/A
Nonpower	N/A			N/A

[1] This column ties to the cumulative FY 1999 numbers on page 84 of the FY 1999 Operations Summary.
[2] Based on the FY 2000 Power Repayment Study.

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Parker-Davis Project

The Parker-Davis Project was formed by consolidating two projects, Davis Dam and Parker Dam, under terms of the Act of May 28, 1954. Parker Dam and Powerplant, which created Lake Havasu 155 miles (250 km) below Hoover Dam on the Colorado River, was authorized by the Rivers and Harbors Act of Aug. 30, 1935. The Bureau of Reclamation constructed the project partly with funds advanced by the Metropolitan Water District of Southern California, which now diverts nearly 1.2 million acre-feet each year by pumping it from Lake Havasu. The Cooperative Contract for Construction and Operation of Parker Dam was agreed to in 1933. MWD receives half of the capacity and energy from four generating units. The Federal share of Parker powerplant capacity, as determined by the Bureau of Reclamation, is 54,000 kW.

Davis Dam, on the Colorado River 67 miles (107.8 km) below Hoover Dam, created Lake Mohave. The project was authorized under the Reclamation Project Act of 1939. Construction began in 1941, but due to delays caused by World War II, it wasn't completed until 1953. Davis Dam has a storage capacity of 1.8 million acre-feet. The Bureau of Reclamation has changed the five generation units' operating capacity from 240,000 kW to 232,000 kW due to the age of the generating units and operational constraints.

Parker-Davis Project is operated in conjunction with the other generating installations in the Colorado River Basin. It supplies the electrical needs of more than 300,000 people. The project includes 1,533 circuit-miles (2,466 km) of high-voltage transmission lines in Arizona, southern Nevada and along the Colorado River in California. Parker-Davis's power marketing criteria are part of the 1984 Conformed General Consolidated Power Marketing Criteria of the Boulder City Area Office (now Western's Desert Southwest Customer Service Region).

Water demands in the Lower Colorado River Basin and releases from Hoover Dam determine operation of the Parker-Davis Project. Parker Dam released 8 million acre-feet and Davis Dam released 10.7 million acre-feet in FY 2000. Storage in Lakes Mohave and Havasu was near normal at 2.089 million acre-feet combined at the end of the fiscal year.

In FY 2000, net generation decreased by about 8 percent from 1.686 billion kWh in FY 1999 to 1.548 billion kWh. This is the result of annual water release targets established by the Secretary of the Interior and weather conditions along the Colorado River.

Parker-Davis purchase power decreased from 4 million kWh in FY 1999 to 1 million kWh in FY 2000. Total expenses for Parker-Davis purchased power were $28,968 in FY 2000. The timing of water releases along the lower stem of the Colorado River did not coincide with the periods when energy was required to meet loads.

Parker-Davis is operationally integrated with Hoover Powerplant. In the event Parker-Davis generation is not sufficient to meet firm contractual obligations, Hoover generation may be used, or Western may purchase power from other resources.

Power generated from the Parker-Davis Project is marketed to customers in Nevada, Arizona and California. Excluding project use, criteria provide for marketing 185,530 kW of capacity in the winter season and 242,515 kW capacity in the summer season. Customers receive 1,703 kWh (winter season) and 3,441 kWh (summer season) of energy with each kW of capacity. Excluding project use, total marketable energy is 316 million kWh (winter season) and 835 million kWh (summer season).

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A portion of the resource marketed is reserved for United States' priority use but is not presently needed. This portion—9,460 kW of capacity and associated energy in the winter season and 16,030 kW of capacity and associated energy in the summer season—is withdrawable from existing customers upon two years' written notice. Existing Parker-Davis Project firm power contracts expire on Sept. 30, 2008. About 63 percent of Parker-Davis firm energy sales are made to five of the 46 customers, with about 50 percent of the energy going to Arizona.

Energy sales decreased by about 5 percent from 1,642 million kWh in FY 1999 to 1,558 million kWh. Revenue from the sale of electricity increased by about 39 percent from $10.7 million in FY 1999 to $14.8 million in FY 2000 due to higher nonfirm energy prices.

The methodologies to calculate rates for firm power, firm transmission service, and nonfirm transmission service have been in effect since Nov. 1, 1997.

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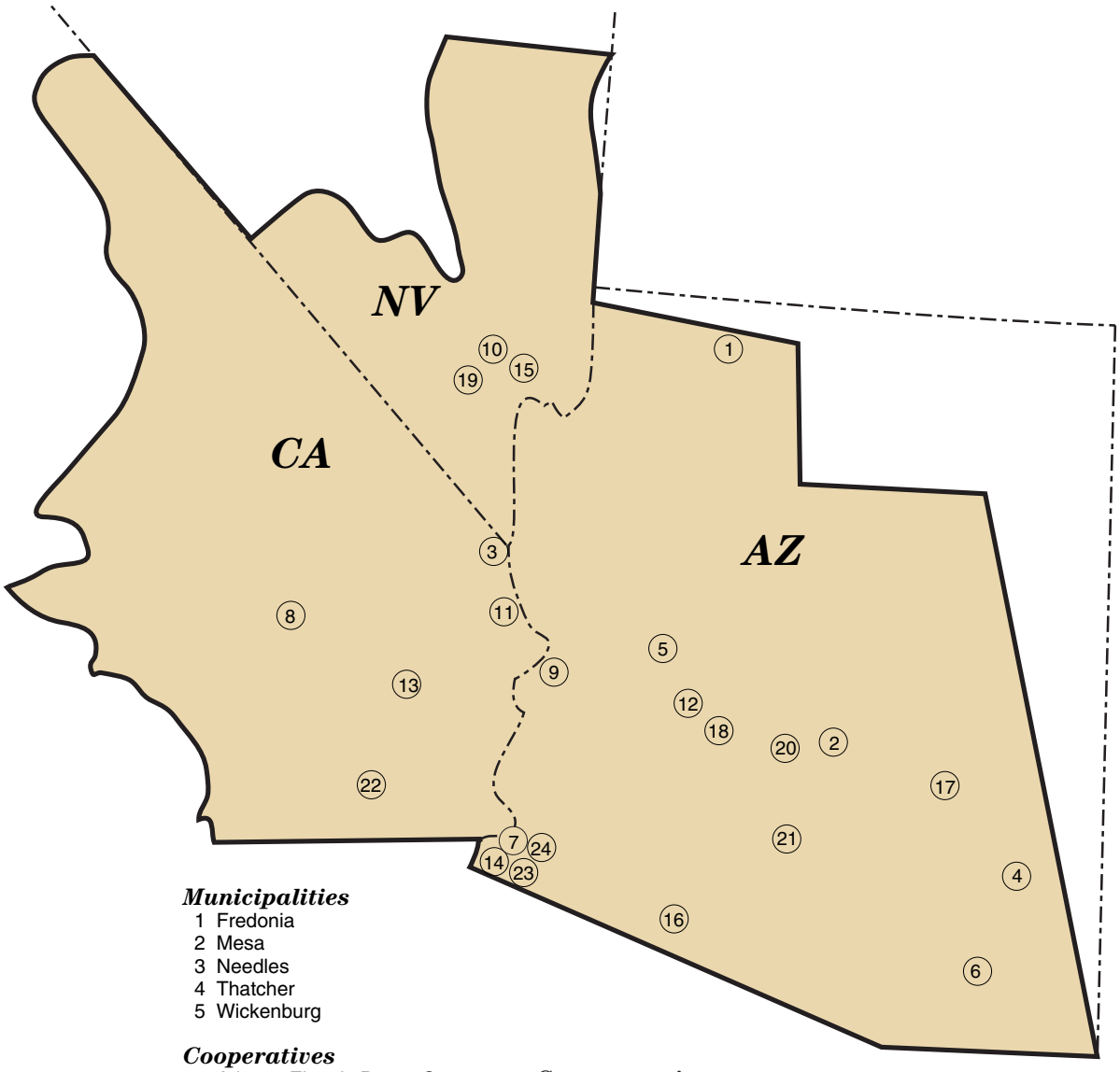
Parker-Davis Project

Firm Power Customers and Marketing Area



Municipalities
1 Fredonia
2 Mesa
3 Needles
4 Thatcher
5 Wickenburg

Cooperatives
6 Arizona Electric Power Coop.

Federal agencies
7 Colorado River Agency
8 Edwards Air Force Base
9 Yuma Proving Grounds
10 Nevada Operations Office—DOE
11 Fort Mojave Indian Tribe
12 Luke Air Force Base
13 March Air Force Base
14 Marine Corps Air Station–Yuma
15 Nellis Air Force Base
16 Tohono O'Odham Nation
17 San Carlos Irrigation Project
18 Gila Bend Air Force Auxiliary

State agencies
19 Colorado River Commission
20 Salt River Project

Irrigation districts
21 ED-3 Pinal
22 Imperial ID
23 Wellton–Mohawk ID
24 Yuma ID

Note: Does not include interproject and Bureau of Reclamation customers.

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Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resources		
Net generation	1,548	1,686
Interchange [1]		
Received	135	34
Delivered	97	64
Net	**38**	**(30)**
Purchases		
NonWestern	2	0
Western	0	4
Total purchases	2	4
Total energy resources	**1,588**	**1,660**
Energy disposition		
Sales of electric energy		
Western sales	1,348	1,447
Project use sales	182	195
Total energy sales	**1,530**	**1,642**
Other		
Interproject sales	49	124
OEA [2]	83	0
Total other	**132**	**124**
Total energy delivered	**1,662**	**1,766**
System and contractual losses	(74)	(106)
Total energy disposition	**1,588**	**1,660**

[1] Western Area Lower Colorado scheduled interchange.
[2] Operating Energy Account. Intra-Agency Agreement No. 99-SLC-0392

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	34	33
Number of transformers	39	39
Transformer capacity (kVA)	1,955,874	1,905,874
Land (fee)		
Acres	418.31	422.80
Hectares	169.36	171.17
Land (easement)		
Acres	62.23	65.03
Hectares	25.19	26.33
Land (withdrawal)		
Acres	115.00	115.00
Hectares	46.56	46.56
Buildings and communications sites		
Number of buildings	58	66
Number of communications sites	58	53
Land (easement)		
Acres	6.96	291.37
Hectares	2.82	117.96

Transmission Lines

	Arizona		California		Nevada		Total	
Voltage rating	**FY 2000**	**FY 1999**	**FY 2000**	**FY 1999**	**FY 2000**	**FY 1999**	**FY 2000**	**FY 1999**
230-kV								
Circuit miles	616.13	608.35	1.70	1.70	90.04	90.04	707.87	700.09
Circuit kilometers	991.35	978.84	2.74	2.74	144.87	144.87	1,138.96	1,126.44
Acres	6,524.27	6,369.17	0.00	0.00	2,035.36	2,035.36	8,559.63	8,404.53
Hectares	2,641.41	2,578.62	0.00	0.00	824.03	824.03	3,465.44	3,402.65
161-kV								
Circuit miles	143.01	143.01	232.79	232.79	0.00	0.00	375.80	375.80
Circuit kilometers	230.10	230.10	374.56	374.56	0.00	0.00	604.66	604.66
Acres	3,898.12	3,894.33	2,726.18	2,691.05	0.00	0.00	6,624.30	6,585.38
Hectares	1,578.19	1,576.66	1,103.72	1,089.50	0.00	0.00	2,681.91	2,666.15
115-kV								
Circuit miles	338.80	338.80	0.00	0.00	0.00	0.00	338.80	338.80
Circuit kilometers	545.13	545.13	0.00	0.00	0.00	0.00	545.13	545.13
Acres	3,138.92	3,138.78	0.00	0.00	0.00	0.00	3,138.92	3,138.78
Hectares	1,270.82	1,270.76	0.00	0.00	0.00	0.00	1,270.82	1,270.76
69-kV and below								
Circuit miles	109.01	109.01	5.80	5.80	3.40	3.40	118.21	118.21
Circuit kilometers	175.40	175.40	9.33	9.33	5.47	5.47	190.20	190.20
Acres	595.82	595.61	81.07	116.20	29.65	29.65	706.54	741.46
Hectares	241.22	241.14	32.82	0.00	12.00	12.00	286.05	300.19
Totals								
Circuit miles	1,206.95	1,199.17	240.29	240.29	93.44	93.44	1,540.68	1,532.90
Circuit kilometers	1,941.98	1,929.46	386.63	386.63	150.34	150.34	2,478.95	2,466.44
Acres	14,157.13	13,997.89	2,807.25	2,807.25	2,065.01	2,065.01	19,029.39	18,870.15
Hectares	5,731.64	5,667.17	1,136.54	1,089.50	836.04	836.03	7,704.22	7,639.75

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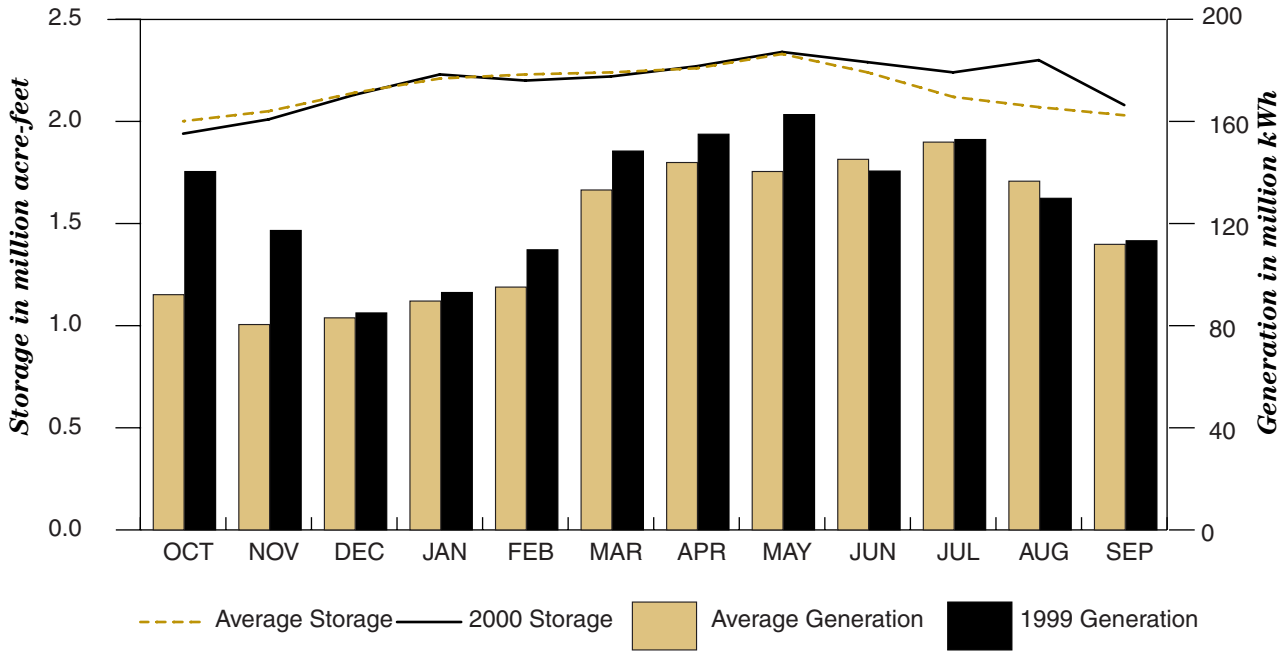
Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation GWh [2] FY 2000	Net generation GWh [2] FY 1999
Parker-Davis									
Arizona									
Davis	Reclamation	Colorado	Jan 51	5	232	232	232	1,280	1,395
California									
Parker	Reclamation	Colorado	Dec 42	4	54 [3]	54	54	268	291
Parker-Davis total				**9**	**286**	**286**	**286**	**1,548**	**1,686**

1 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.
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 United States' share (50 percent) of plant capability.

Storage and Generation



Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Monthly rate: Capacity charge ($/kW of billing demand)	Monthly rate: Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	PD-F6	1.13 - Generation 1.08 - Transmission	2.58 mills/kWh	10/1/1999	7.63 mills/kWh

Transmission Rate Provisions

Fiscal year	Rate schedule designation	Rate
2000	PD-FT6, Firm Transmission Service	$12.99 per kW per year

Marketing Plan Summary

Project	Expiration Date
Parker-Davis	Sept. 30, 2008

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Rate Action 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)	Annual incremental $(000)	Notes	Date submitted to FERC
WAPA-75	Parker-Davis	Decrease	11/26/97	PD-6	11/1/97	(3,827)	Power	11/18/97
		Increase	11/26/97	PD-FT6 [1]	11/1/97	0	Transmission	11/18/97
		Increase	11/26/97	PD-NFT6 [1]	11/1/97	(2,450)	Nonfirm transmission	11/18/97
		Increase	11/26/97	PD-FCT6 [1]	11/1/97	0	Transmission	11/18/97

[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.

Firm and Nonfirm Energy Sales by State

	FY 2000			FY 1999		
Type of customer	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Arizona						
Energy sales - MWh	575,873	26,877	602,750	561,608	128,055	689,663
Power revenues - $	2,931,996	785,931	3,717,927	1,350,378	3,187,121	4,537,499
California						
Energy sales - MWh	304,844	104,671	409,515	322,536	13,306	335,842
Power revenues - $	1,564,908	3,884,749	5,449,657	801,635	216,238	1,017,872
Colorado						
Energy sales - MWh	0	330	330	0	16,643	16,643
Power revenues - $	0	8,140	8,140	0	278,423	278,423
Connecticut						
Energy sales - MWh	0	100	100	0	0	0
Power Revenues-$	0	15,000	15,000	0	0	0
Idaho						
Energy sales - MWh	0	15,792	15,792	0	10,700	10,700
Power revenues - $	0	332,089	332,089	0	152,960	152,960
Minnesota						
Energy sales - MWh	0	1,014	1,014	0	0	0
Power revenues-$	0	41,968	41,968	0	0	0
Missouri						
Energy sales - MWh	0	4,945	4,945	0	507	507
Power revenues - $	0	113,865	113,865	0	6,590	6,590
Nebraska						
Energy sales - MWh	0	0	0	0	1,056	1,056
Power revenues - $	0	0	0	0	14,688	14,688
Nevada						
Energy sales - MWh	293,385	6,010	299,395	365,583	5,960	371,543
Power revenues - $	1,506,865	165,575	1,672,440	930,115	105,848	1,035,962
New Mexico						
Energy sales - MWh	0	6,605	6,605	0	8,546	8,546
Power revenues - $	0	162,639	162,639	0	144,625	144,625
Ohio						
Energy sales - MWh	0	799	799	0	0	0
Power revenues - $	0	25,747	25,747	0	0	0
Oregon						
Energy sales - MWh	0	2,025	2,025	0	10,640	10,640
Power revenues - $	0	60,225	60,225	0	188,387	188,387
Texas						
Energy sales - MWh	0	0	0	0	440	440
Power revenues - $	0	0	0	0	5,720	5,720
Utah						
Energy sales - MWh	0	1,525	1,525	0	0	0
Power revenues - $	0	22,690	22,690	0	0	0
Canada						
Energy sales - MWh	0	3,150	3,150	0	2,000	2,000
Power revenues - $	0	57,900	57,900	0	40,400	40,400
Total Parker-Davis [1]						
Energy sales - MWh	**1,174,101**	**173,843**	**1,347,945**	**1,249,727**	**197,853**	**1,447,580**
Power revenues - $	**6,003,769**	**5,676,517**	**11,680,286**	**3,082,127**	**4,340,999**	**7,423,127**

[1] Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

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Firm and Nonfirm Sales by Customer Category

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Municipalities						
Energy sales - MWh	99,448	21,594	121,042	107,426	1,044	108,470
Revenues - $	494,805	395,388	890,193	256,812	10,198	267,010
Cooperatives						
Energy sales - MWh	113,520	12,043	125,563	122,493	27,924	150,417
Revenues - $	591,943	337,060	929,003	302,834	888,777	1,191,610
Federal agencies						
Energy sales - MWh	343,996	2,178	346,174	364,696	13,270	377,966
Revenues - $	1,745,984	85,903	1,831,887	891,241	228,536	1,119,777
State agencies						
Energy sales - MWh	413,780	23,089	436,869	430,084	85,485	515,569
Revenues - $	2,127,606	414,771	2,542,376	1,080,143	2,035,769	3,115,912
Public utility districts						
Energy sales - MWh	0	400	400	0	0	0
Revenues - $	0	16,650	16,650	0	0	0
Irrigation districts						
Energy sales - MWh	203,357	0	203,357	225,028	3,605	228,633
Revenues - $	1,043,432	0	1,043,432	551,097	91,170	642,267
Investor-owned utilities						
Energy sales - MWh	0	35,609	35,609	0	60,591	60,591
Revenues - $	0	949,689	949,689	0	975,885	975,885
Marketers						
Energy sales - MWh	0	78,930	78,930	0	5,934	5,934
Revenues - $	0	3,477,056	3,477,056	0	110,665	110,665
Total [1]						
Energy sales - MWh	1,174,101	173,843	1,347,945	1,249,727	197,853	1,447,580
Revenues - $	6,003,769	5,676,517	11,680,286	3,082,127	4,340,999	7,423,127

[1] Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

Sales by State and Customer Category

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Arizona				
Municipalities	73,186	363,748	78,771	188,476
Cooperatives	125,563	929,003	150,087	1,188,805
Federal agencies	197,092	1,059,099	156,422	560,588
State agencies	156,254	930,564	233,352	2,310,079
Irrigation districts	46,277	232,099	60,668	137,837
Investor-owned utilities	4,378	203,415	10,000	143,857
Power marketers	0	0	363	7,857
Project use sales	182,652	1,009,621	195,267	502,572
Total Arizona	**785,402**	**4,727,548**	**884,930**	**5,040,071**
California				
Municipalities	46,000	495,615	29,699	78,534
Federal agencies	121,792	634,627	129,521	320,038
State agencies	14,521	243,109	8,657	114,870
Public utility districts	400	16,650	0	0
Irrigation districts	157,080	811,333	167,965	504,431
Power marketers	69,721	3,248,323	0	0
Total California	**409,515**	**5,449,657**	**335,842**	**1,017,872**
Colorado				
Municipalities	330	8,140	0	0
Investor-owned utilities	0	0	14,568	236,423
Power marketers	0	0	2,075	42,000
Interproject	49,201	2,100,969	123,195	2,724,506
Total Colorado	**49,531**	**2,109,109**	**139,838**	**3,002,929**
Connecticut				
Power Marketers	100	15,000	0	0
Total Connecticut	**100**	**15,000**	**0**	**0**

Continued on next page.

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Sales by State and Customer Category, cont.

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Idaho				
Investor-owned utilities	15,792	332,089	10,700	152,960
Total Idaho	**15,792**	**332,089**	**10,700**	**152,960**
Minnesota				
Power Marketers	1,014	41,968	0	0
Total Minnesota	**1,014**	**41,968**	**0**	**0**
Missouri				
Investor-owned utilities	0	0	507	6,590
Power Marketer	4,945	113,865		
Total Missouri	**4,945**	**113,865**	**507**	**6,590**
Nebraska				
Investor-owned utilities	0	0	1,056	14,688
Total Nebraska	**0**	**0**	**1,056**	**14,688**
Nevada				
Federal agencies	27,291	138,162	92,023	239,151
State agencies	266,094	1,368,703	273,560	690,964
Investor-owned utilities	6,010	165,575	5,960	105,848
Total Nevada	**299,395**	**1,672,440**	**371,543**	**1,035,962**
New Mexico				
Cooperatives	0	0	330	2,805
Investor-owned utilities	6,605	162,639	8,216	141,820
Total New Mexico	**6,605**	**162,639**	**8,546**	**144,625**
Ohio				
Investor-owned utilities	799	25,747	0	0
Total Ohio	**799**	**25,747**	**0**	**0**
Oregon				
Investor-owned utilities	2,025	60,225	10,640	188,387
Total Oregon	**2,025**	**60,225**	**10,640**	**188,387**
Texas				
Power marketers	0	0	440	5,720
Total Texas	**0**	**0**	**440**	**5,720**
Utah				
Municipalities	1,525	22,690	0	0
Total Utah	**1,525**	**22,690**	**0**	**0**
Canada				
Power marketers	3,150	57,900	2,000	40,400
Total Canada	**3,150**	**57,900**	**2,000**	**40,400**
Total Parker-Davis				
Municipalities	121,042	890,193	108,470	267,010
Cooperatives	125,563	929,003	150,417	1,191,610
Federal agencies	346,174	1,831,887	377,966	1,119,777
State agencies	436,869	2,542,376	515,569	3,115,912
Public utility districts	400	16,650	0	0
Irrigation districts	203,357	1,043,432	228,633	642,267
Investor-owned utilities	35,609	949,689	61,647	990,573
Power marketers	78,930	3,477,056	4,878	95,977
Interproject	49,201	2,100,969	123,195	2,724,506
Project use sales	182,652	1,009,621	195,267	502,572
Total Parker-Davis	**1,579,798**	**14,790,876**	**1,766,042**	**10,650,205**

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Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	Colorado River Commission	266,094	23
2	Wellton-Mohawk Irrigation District	177,012	15
3	Imperial Irrigation District	157,080	13
4	Salt River Project	147,686	13
5	Arizona Electric Power Coop	113,520	10
	Total	**861,392**	**73**

Top 5 Customers in Firm Energy Revenue

Rank	Customer	($)	Percent of firm revenue
1	Colorado River Commission	1,368,703	23
2	Wellton-Mohawk Irrigation District	977,500	16
3	Imperial Irrigation District	811,333	14
4	Salt River Project	758,902	13
5	Arizona Electric Power Coop	591,943	10
	Total	**4,508,381**	**75**

Top 5 Customers in Nonfirm Energy Sales

Rank	Customer	(MWh)	Percent of nonfirm sales
1	California Power Exchange	69,721	40
2	Los Angeles Dept. of Water and Power	19,739	11
3	Idaho Power Co.	15,792	9
4	Metropolitan Water District	14,521	8
5	Arizona Electric Power Coop	11,075	6
	Total	**130,848**	**75**

Top 5 Customers in Nonfirm Energy Revenue

Rank	Customer	($)	Percent of nonfirm revenues
1	California Power Exchange	3,248,323	57
2	Los Angeles Dept. of Water and Power	364,558	6
3	Idaho Power Co.	332,089	6
4	Arizona Electric Power Coop.	307,144	5
5	Metropolitan Water District	243,109	4
	Total	**4,495,223**	**79**

Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

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Customers by State and Customer Category

State/Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Arizona								
Municipalities	4	0	0	4	4	0	0	4
Cooperatives	0	1	1	2	0	1	1	2
Federal agencies	6	1	1	8	6	1	1	8
State agencies	0	1	0	1	0	1	1	2
Irrigation district	3	0	0	3	3	0	0	3
Investor-owned utilities	0	0	3	3	0	0	2	2
Power marketers	0	0	0	0	0	0	1	1
California								
Municipalities	1	0	1	2	1	0	1	2
Federal agencies	2	1	0	3	3	0	0	3
State agencies	0	0	1	1	0	0	1	1
Irrigation district	1	0	0	1	0	1	0	1
Power marketers	0	0	1	1	0	0	0	0
Public Utilities District	0	0	1	1	0	0	0	0
Colorado								
Municipalities	0	0	1	1	0	0	0	0
Investor-owned utilities	0	0	0	0	0	0	1	1
Power marketers	0	0	0	0	0	0	2	2
Connecticut								
Power marketers	0	0	1	1	0	0	0	0
Idaho								
Investor-owned utilities	0	0	1	1	0	0	1	1
Minnesota								
Power marketer	0	0	1	1	0	0	0	0
Missouri								
Power marketer	0	0	1	1	0	0	1	1
New Mexico								
Investor-owned utilities	0	0	1	1	0	0	1	1
Nebraska								
Power marketers	0	0	0	0	0	0	1	1
Nevada								
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	1	1	0	0	1	1
Ohio								
Investor-owned utilities	0	0	1	1	0	0	0	0
Oregon								
Investor-owned utilities	0	0	1	1	0	0	1	1
Texas								
Power marketers	0	0	0	0	0	0	1	1
Utah								
Municipalities	0	0	1	1	0	0	0	0
Canada								
Power marketers	0	0	1	1	0	0	1	1
Subtotal	**20**	**4**	**20**	**44**	**20**	**4**	**18**	**42**
Project use sales	2	0	0	2	2	0	0	2
Total	**22**	**4**	**20**	**46**	**22**	**4**	**18**	**44**
Interproject sales	0	0	2	2	0	0	1	1
Total	**22**	**4**	**22**	**48**	**22**	**4**	**19**	**45**

Note: In FY 2000, Western sold PDP power to 24 preference customers (col 1+2); 4 also purchased nonfirm power (col. 2). We sold project use power to 2 customers, for a total of 26 firm customers. Nonfirm sales were made to 22 other customers (col. 3), such as investor-owned utilities and power marketers. Detailed information on each customer is listed in the PDP Power Sales and Revenue Table.

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Summary by state

State	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Arizona	13	3	5	21	13	3	6	22
California	4	1	4	9	4	1	2	7
Colorado	0	0	1	1	0	0	3	3
Connecticut	0	0	1	1	0	0	0	0
Idaho	0	0	1	1	0	0	1	1
Minnesota	0	0	1	1	0	0	0	0
Missouri	0	0	1	1	0	0	1	1
New Mexico	0	0	1	1	0	0	1	1
Nebraska	0	0	0	0	0	0	1	1
Nevada	3	0	1	4	3	0	1	4
Ohio	0	0	1	1	0	0	0	0
Oregon	0	0	1	1	0	0	1	1
Texas	0	0	0	0	0	0	1	1
Utah	0	0	1	1	0	0	0	0
Canada	0	0	1	1	0	0	1	1
Total	**20**	**4**	**20**	**44**	**20**	**4**	**19**	**43**

Summary by customer category

Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Municipalities	5	0	2	7	5	0	1	6
Cooperatives	0	1	1	2	0	1	1	2
Federal agencies	10	2	1	13	11	1	1	13
State agencies	1	1	1	3	1	1	2	4
Irrigation districts	4	0	0	4	3	1	0	4
Investor-owned utilities	0	0	9	9	0	0	8	8
Power marketers	0	0	4	4	0	0	6	6
Public utilities districts	0	0	1	1	0	0	0	0
Subtotal	**20**	**4**	**20**	**44**	**20**	**4**	**19**	**43**
Project use sales	2	0	0	2	2	0	0	2
Total	22	4	20	46	22	4	19	45
Interproject sales	0	0	2	2	0	0	1	1
	22	4	22	48	22	4	20	46

Note: In FY 2000, Western sold PDP power to 24 preference customers (col 1+2); 4 also purchased nonfirm power (col. 2). We sold project use power to 2 customers, for a total of 26 firm customers. Nonfirm sales were made to 22 other customers (col. 3), such as investor-owned utilities and power marketers. Detailed information on each customer is listed in the PDP Power Sales and Revenue Table.

Purchased Power

Supplier	FY 2000 Energy (MWh)	FY 2000 Costs ($ 000)	FY 1999 Energy (MWh)	FY 1999 Costs ($ 000)
NonWestern suppliers				
PacifiCorp	0	0	1,400	42
Nevada Power Company	0	0	350	14
Arizona Electric Power Co.	10	0	0	0
Public Service Co. of NM	40	1	1,085	39
Salt River Project	1,248	94	100	4
Municipal Energy Agency of Nebraska	240	19	0	0
Tucson Electric Power	90	5	0	0
PowerEx	25	0	0	0
Arizona Public Service	230	28	900	33
Subtotal nonWestern suppliers	**1,883**	**147**	**3,835**	**131**
Western suppliers				
Salt Lake City Area/Integrated Projects [1]	365	17	125	7
Subtotal	**365**	**17**	**125**	**7**
Total	**2,248**	**164**	**3,960**	**138**

[1] Purchased power was financed through energy banking arrangements and did not use appropriated funds.

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Transmission Revenues

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Long-term firm point-to-point transmission service	20,585,124	21,037,364
Nonfirm point-to-point transmission service	1,640,665	2,209,834
Parker-Davis Project Total	**22,225,789**	**23,247,198**

Ancillary Services Revenues

Ancillary service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Scheduling and dispatch service	64,440	194,974
Operating reserves — spinning	76,565	135,870
Parker-Davis Project Total	**141,005**	**330,844**

Power Sales and Revenue

	Contract rate of delivery		FY 2000		FY 1999	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue ($)	Energy (MWh)	Revenue ($)
Municipalities						
Arizona						
Fredonia	1,577	1,342	9,273	43,980	8,782	21,268
Thatcher	350	250	2,072	9,527	1,874	4,490
Mesa	10,450	8,000	51,291	260,191	57,650	137,733
Wickenburg	1,837	1,530	10,550	50,049	10,465	24,985
Subtotal Arizona			**73,186**	**363,748**	**78,771**	**188,476**
California						
Los Angeles Dept. of Water & Power			19,739	364,558	1,044	10,198
Needles	5,100	4,064	26,261	131,057	28,655	68,336
Subtotal California			**46,000**	**495,615**	**29,699**	**78,534**
Colorado						
Colorado Springs Utilities			330	8,140	0	0
Subtotal Colorado			**330**	**8,140**	**0**	**0**
Utah						
Utah Municipal Power Agency			1,525	22,690	0	0
Subtotal Utah			**1,525**	**22,690**	**0**	**0**
Total Municipalities			**121,042**	**890,193**	**108,470**	**267,010**
Cooperatives						
Arizona						
Arizona Electric Power Coop	23,800	18,400	124,595	899,087	150,087	1,188,805
Resource Management Services			968	29,916	0	0
Subtotal Arizona			**125,563**	**929,003**	**150,087**	**1,188,805**
New Mexico						
Plains Electric G & T			0	0	330	2,805
Subtotal New Mexico			**0**	**0**	**330**	**2,805**
Total Cooperatives			**125,563**	**929,003**	**150,417**	**1,191,610**
Federal agencies						
Arizona						
Colorado River Agency—BIA	8,900	5,940	42,464	217,278	17,603	38,460
San Carlos Project—BIA	17,185	13,130	81,783	425,331	51,795	118,335
Gila Bend Air Force Auxiliary	394	395	2,522	11,856	2,422	5,775
Luke Air Force Base	2,235	2,227	14,130	66,700	13,732	32,703
Marine Corps Air Station	2,157	1,795	12,188	58,649	12,289	29,335
Tohono O'Odham Nation	2,887	2,353	15,650	76,508	16,314	38,951
Yuma Desalting Plant/USBR Proj Office			1,683	69,505	13,190	227,576
Yuma Proving Ground	5,235	4,080	26,671	133,272	29,077	69,454
Subtotal Arizona			**197,092**	**1,059,099**	**156,422**	**560,588**
California						
Ft. Mohave Indian Tribe	1,970	1,200	10,793	61,570	10,719	24,712
Edwards Air Force Base	18,285	14,630	88,269	455,027	96,151	236,676

 Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
March Air Force Base	4,570	4,113	22,730	118,030	22,651	58,651
Subtotal California			**121,792**	**634,627**	**129,521**	**320,038**
Nevada						
Nellis Air Force Base	2,887	2,630	14,413	74,881	14,365	37,212
Nevada Operations Office	2,244	2,178	12,878	63,280	77,658	201,939
Subtotal Nevada			**27,291**	**138,162**	**92,023**	**239,151**
Total Federal agencies			**346,174**	**1,831,887**	**377,966**	**1,119,777**
State agencies						
Arizona						
Central Arizona Water Conservation			0	0	3,363	82,024
Salt River Project	31,700	22,500	156,254	930,564	229,989	2,228,055
Subtotal Arizona			**156,254**	**930,564**	**233,352**	**2,310,079**
California						
Metropolitan Water Dist of So. Calif.			14,521	243,109	8,657	114,870
Subtotal California			**14,521**	**243,109**	**8,657**	**114,870**
Nevada						
Colorado River Commission	56,950	41,010	266,094	1,368,703	273,560	690,964
Subtotal Nevada			**266,094**	**1,368,703**	**273,560**	**690,964**
Total State Agencies			**436,869**	**2,542,376**	**515,569**	**3,115,912**
Public Utility Districts						
California						
Sacramento Municipal Utility			400	16,650	0	0
Subtotal California			**400**	**16,650**	**0**	**0**
Total public utility districts			**400**	**16,650**	**0**	**0**
Irrigation districts						
Arizona						
ED-1 & ED-3 (APA) Pinal	5,200	4,230	28,515	134,386	30,797	74,325
Wellton-Mohawk I&DD & (PUP) [1]	39,000	31,544	16,539	82,556	26,967	53,786
Yuma Cty Water Users (PUP)	4,600	3,729	0	0	0	0
Yuma Irrigation District	960	780	1,223	15,156	2,904	9,726
Subtotal Arizona			**46,277**	**232,099**	**60,668**	**137,837**
California						
Imperial Irrigation District	32,550	26,300	157,080	811,333	167,965	504,431
Subtotal California			**157,080**	**811,333**	**167,965**	**504,431**
Total Irrigation Districts			**203,357**	**1,043,432**	**228,633**	**642,267**
Investor-Owned Utilities						
Arizona						
Arizona Public Service			2,870	152,705	8,576	116,801
Griffith Energy			58	8,360	0	0
Tucson Electric Power Co.			1,450	42,350	1,424	27,056
Subtotal Arizona			**4,378**	**203,415**	**10,000**	**143,857**
Colorado						
Public Service of Colorado			0	0	14,568	236,423
Subtotal Colorado			**0**	**0**	**14,568**	**236,423**
Idaho						
Idaho Power Co.			15,792	332,089	10,700	152,960
Subtotal Idaho			**15,792**	**332,089**	**10,700**	**152,960**
Missouri						
Utilicorp			0	0	507	6,590
Subtotal Missouri			**0**	**0**	**507**	**6,590**
New Mexico						
Public Service Co. of New Mexico			6,605	162,639	8,216	141,820
Subtotal New Mexico			**6,605**	**162,639**	**8,216**	**141,820**

Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Nevada						
Nevada Power Company			6,010	165,575	5,960	105,848
Subtotal Nevada			**6,010**	**165,575**	**5,960**	**105,848**
Ohio						
American Electric Power Service			799	25,747	0	0
Subtotal Ohio			**799**	**25,747**	**0**	**0**
Oregon						
PacifiCorp			2,025	60,225	10,640	188,387
Subtotal Oregon			**2,025**	**60,225**	**10,640**	**188,387**
Total investor-owned			**35,609**	**949,689**	**60,591**	**975,885**
Power marketers						
Arizona						
Duke/Louis Dreyfus Electric Power			0	0	363	7,857
Subtotal Arizona			**0**	**0**	**363**	**7,857**
California						
California Power Exchange			69,721	3,248,323	0	0
Subtotal California			**69,721**	**3,248,323**	**0**	**0**
Canada						
Powerex			3,150	57,900	2,000	40,400
Subtotal Canada			**3,150**	**57,900**	**2,000**	**40,400**
Colorado						
Rocky Mt. Generation Coop			0	0	1,475	33,500
E Prime, Inc.			0	0	600	8,500
Subtotal Colorado			**0**	**0**	**2,075**	**42,000**
Connecticut						
Sempra Energy Trading			100	15,000	0	0
Subtotal Canada			**100**	**15,000**	**0**	**0**
Minnesota						
Cargill-Alliant			1,014	41,968	0	0
Subtotal Minnesota			**1,014**	**41,968**	**0**	**0**
Missouri						
Aquila			4,945	113,865	0	0
Subtotal Missouri			**4,945**	**113,865**	**0**	**0**
Nebraska						
American Electric			0	0	1,056	14,688
Subtotal Nebraska			**0**	**0**	**1,056**	**14,688**
Texas						
Enron Power Marketing			0	0	440	5,720
Subtotal Texas			**0**	**0**	**440**	**5,720**
Total power marketers			**78,930**	**3,477,056**	**5,934**	**110,665**
Parker-Davis Subtotal			**1,347,945**	**11,680,286**	**1,447,580**	**7,423,127**
Project use sales			182,652	1,009,621	195,267	502,572
Interproject sales						
Colorado						
Loveland Area Projects			200	4,725	0	0
Salt Lake City Area/Integrated Projects			49,001	2,096,244	123,195	2,724,506
Subtotal Colorado			**49,201**	**2,100,969**	**123,195**	**2,724,506**
Total interproject sales			**49,201**	**2,100,969**	**123,195**	**2,724,506**
Parker-Davis Project total			**1,579,798**	**14,790,876**	**1,766,042**	**10,650,205**

[1] Does not include transmission revenue associated with these sales.

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Status of Repayment

Cumulative activities as of Sept. 30, 2000

(Dollars in thousands)

	Cumulative 1999	Adjustments [1]	Annual 2000	Cumulative 2000
Revenue:				
Gross operating revenue	808,392	1,768	41,089	851,249
Income transfers (net)	88	0	(1,738)	(1,650)
Total Operating Revenue	**808,480**	**1,768**	**39,351**	**849,599**
Expenses:				
O & M and other	416,450	2,301	21,423	440,174
Purchase power and other	22,737	105	324	23,166
Interest				
Federally financed	144,705	11	12,319	157,035
Total Interest	**144,705**	**11**	**12,319**	**157,035**
Total Expense	**583,892**	**2,417**	**34,066**	**620,375**
(Deficit)/Surplus revenue	6,949	(673)	2,244	8,520
Investment:				
Federally financed power	340,179	4,785	3,199	348,163
Nonpower	30,543	(3,682)	646	27,507
Total Investment	**370,722**	**1,103**	**3,845**	**375,670**
Investment repaid:				
Federally financed power	190,869	25	2,643	193,537
Nonpower	26,770	(1) [2]	398	27,167
Total Investment repaid	**217,639**	**24**	**3,041**	**220,704**
Investment unpaid:				
Federally financed power	149,310	4,760	556	154,626
Nonpower	3,773	(3,681)	248	340
Total Investment unpaid	**153,083**	**1,079**	**804**	**154,966**
Percent of investment repaid to date:				
Federal	56.11%			55.59%
Non-Federal	N/A			N/A
Nonpower	87.65%			98.76%

[1] Adjustments reflect the FY 1999 audited financial statements.
[2] Rounding Adjustment

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Pick-Sloan Missouri Basin Program

The Pick-Sloan Missouri Basin Program was authorized by Congress in 1944. The multipurpose program provides flood control, irrigation, navigation, recreation, preservation and enhancement of fish and wildlife and power generation. Pick-Sloan power is marketed by two Western regions—Upper Great Plains and Rocky Mountain.

Seven dams and powerplants on the Missouri River produce hydroelectric power for the Eastern Division of the Pick-Sloan. They are: Canyon Ferry in western Montana; Fort Peck at Fort Peck, Mont.; Garrison at Riverdale, N.D.; Oahe at Pierre, S.D.; Big Bend at Fort Thompson, S.D., and Fort Randall and Gavins Point in southern South Dakota. Yellowtail Dam on the Bighorn River in south central Montana produces power for both the Eastern and Western divisions. Including one-half of Yellowtail, Eastern Division powerplants generate more than 10 million kWh in an average year.

The Bureau of Reclamation operates 16 powerplants in the Pick-Sloan—Western Division. Most of these plants are associated with irrigation-based projects that have reached advanced stages of development. Western Division power is marketed through the Loveland Area Projects by Western's Rocky Mountain Region. Details about the Western Division are found in the Loveland Area Projects section beginning on page 78.

Eastern Division

In FY 2000, the Upper Great Plains saw near-average generation of 10.9 billion kWh. Our excellent market for surplus sales led to above-average power sales revenue of $260.1 million for Western's Upper Great Plains Region. The outlook for FY 2001 generation is below average as of Oct. 1, 2000.

High levels of generation over the past several years have allowed Pick-Sloan to maintain its firm power rate since 1995. On July 10, 2000, Western published a *Federal Register* notice extending the current firm composite rate of 14.23 mills per kWh through Sept. 30, 2003.

The Upper Great Plains Region serves customers across more than 378,000 square miles in the northern Rocky Mountain and western plains states. Power is delivered through 98 substations, across approximately 7,745 miles of Federal transmission lines, which connect with other regional transmission systems.

The region's 300-plus customers include rural electric cooperatives, municipalities, public utility districts, irrigation districts and Federal and state agencies. Surplus power is sold to a variety of power suppliers, including investor-owned utilities and power marketers as well as preference customers.

The Eastern Division of Pick-Sloan is interconnected with Southwestern Power Administration at Maryville, Mo. A connection to the west for power exchange with Bonneville Power Administration is also available through a transmission service agreement. Through our participation in the Mid-Continent Area Power Pool, the Upper Great Plains Region sells power to MAPP utilities at MAPP transmission rates. In addition, in FY 1998 the Upper Great Plains Region combined its transmission facilities with those of Basin Electric Power Cooperative and Heartland Consumers Power District to form the Integrated System. This allows the Upper Great Plains Region, as well as other transmission users, to transmit power and energy across these entities' transmission facilities using a single Integrated System transmission rate.

 Continued on next page.

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Major facilities in the Eastern Division marketing area include an Operations Office and Dispatch Center in Watertown, S.D., where power delivery is managed and operated to ensure system reliability. Three maintenance offices oversee the responsibility of 12 line crews and eight substation crews in operating and maintaining the Eastern Division's extensive transmission system. They are located in Bismarck, N.D.; Huron, S.D.; and Fort Peck, Mont. Miles City, Mont., is home to the Upper Great Plains Region's back-to-back direct current converter station. The station can receive alternating current from either the eastern or western power system, convert it into direct current and deliver alternating current into the opposing system. Management and administration is provided from the regional office, located in Billings, Mont.

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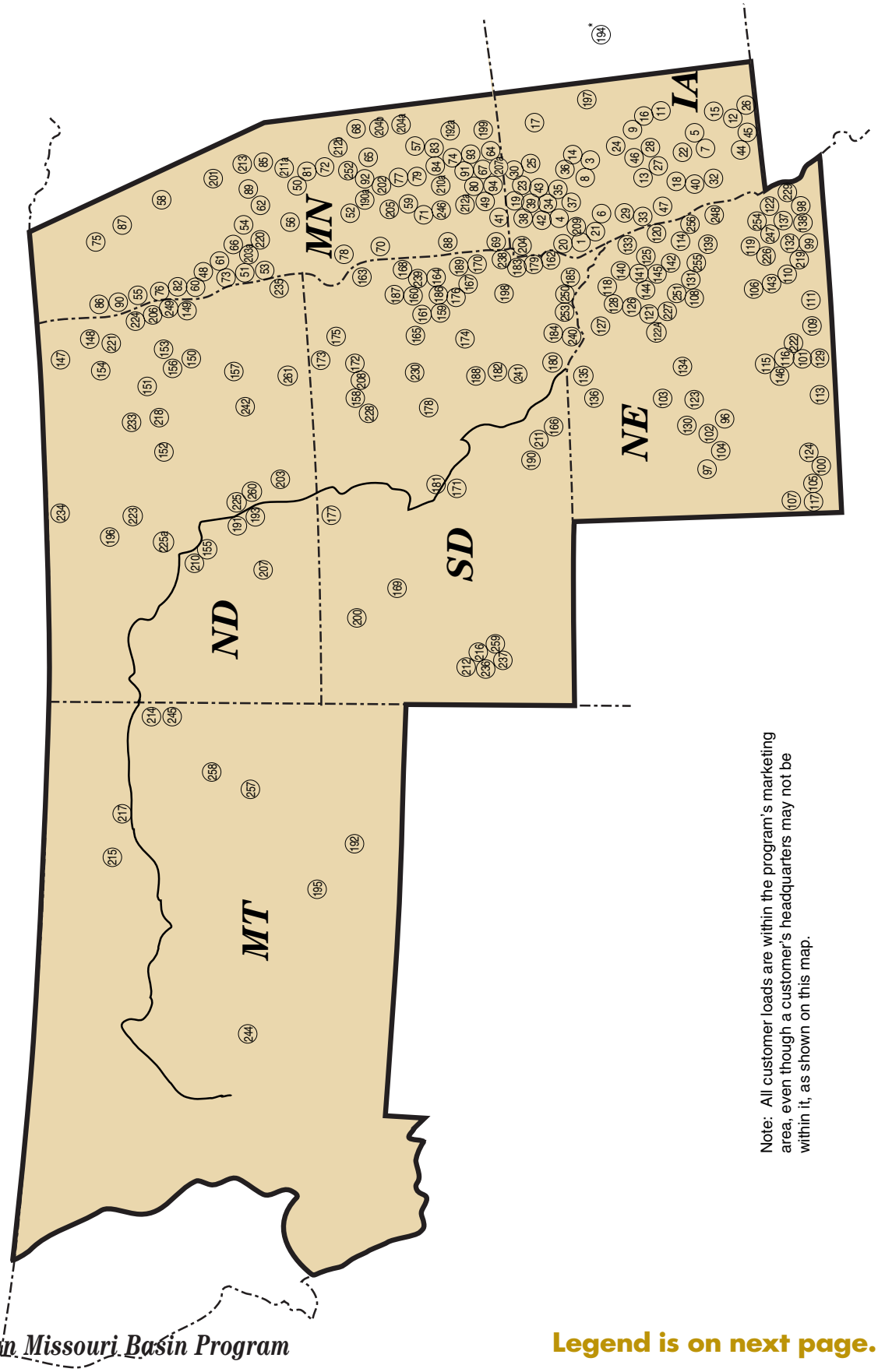
Pick-Sloan Missouri Basin Program



Note: All customer loads are within the program's marketing area, even though a customer's headquarters may not be within it, as shown on this map.

Legend is on next page.

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Municipalities

Iowa

1 Akron
3 Alta
4 Alton
5 Anita
6 Anthon
7 Atlantic
8 Aurelia
9 Breda
11 Coon Rapids
12 Corning
13 Denison
14 Fonda
15 Fontanelle
16 Glidden
17 Graettinger
18 Harlan
19 Hartley
20 Hawarden
21 Hinton
22 Kimballton
23 Lake Park
24 Lake View
25 Laurens
26 Lenox
27 Manilla
28 Manning
29 Mapleton
30 Milford
32 Neola
33 Onawa
34 Orange City
35 Paullina
36 Primghar
37 Remsen
38 Rock Rapids
39 Sanborn
40 Shelby
41 Sibley
42 Sioux Center
43 Spencer
44 Stanton
45 Villisca
46 Wall Lake
47 Woodbine

Minnesota

48 Ada
49 Adrian
50 Alexandria
51 Barnesville
52 Benson
53 Breckenridge
54 Detroit Lakes
55 East Grand Forks
56 Elbow Lake
57 Fairfax
58 Fosston
59 Granite Falls
60 Halstad
61 Hawley
62 Henning
64 Jackson
65 Kandiyohi
66 Lake Park
67 Lakefield
68 Litchfield
69 Luverne
70 Madison
71 Marshall
72 Melrose
73 Moorhead
74 Mountain Lake
75 Newfolden
76 Nielsville
77 Olivia
78 Ortonville
79 Redwood Falls
80 St. James
81 Sauk Centre
82 Shelly
83 Sleepy Eye
84 Springfield
85 Staples
86 Stephen
87 Thief River Falls
88 Tyler
89 Wadena
90 Warren
91 Westbrook
92 Willmar
93 Windom
94 Worthington

Nebraska

96 Ansley
97 Arnold
98 Auburn
99 Beatrice
100 Beaver City
101 Blue Hill
102 Broken Bow
103 Burwell
104 Callaway
105 Cambridge
106 Crete
107 Curtis
108 David City
109 Deshler
110 DeWitt
111 Fairbury
113 Franklin
114 Fremont
115 Grand Island
116 Hastings
117 Indianola
118 Laurel
119 Lincoln
120 Lyons
121 Madison
122 Nebraska City
122a Neligh
123 Ord
124 Oxford
125 Pender
126 Pierce
127 Plainview
128 Randolph
129 Red Cloud
130 Sargent
131 Schuyler
132 Shickley
133 South Sioux City
134 Spalding
135 Spencer
136 Stuart
137 Syracuse
138 Tecumseh
139 Wahoo
140 Wakefield
141 Wayne
142 West Point
143 Wilber
144 Winside
145 Wisner
146 Wood River

North Dakota

147 Cavalier
148 Grafton
149 Hillsboro
150 Hope
151 Lakota
152 Maddock
153 Northwood
154 Park River
155 Riverdale
156 Sharon
157 Valley City

South Dakota

158 Aberdeen
159 Arlington
160 Aurora
161 Badger
162 Beresford
163 Big Stone City
164 Brookings
165 Bryant
166 Burke
167 Colman
168 Estelline
169 Faith
170 Flandreau
171 Fort Pierre
172 Groton
173 Hecla
174 Howard
175 Langford
176 Madison
177 McLaughlin
178 Miller
179 Parker
180 Pickstown
181 Pierre
182 Plankinton
183 Sioux Falls
184 Tyndall
185 Vermillion
186 Volga
187 Watertown
188 Wessington Springs
189 White
190 Winner

Rural electric cooperatives

190a Agralite Electric Coop.
191 Basin Electric Power Coop.
192 Big Horn County Electric Coop.
192a Brown County Rural Electric
193 Capital Electric Coop.
194 Central Iowa Power Coop.
195 Central Montana Electric Power Coop.
196 Central Power Electric Coop.
197 Corn Belt Power Coop.
198 East River Electric Power Coop.
199 Federated Rural Electric Assn.
200 Grand Electric Coop.
201 Itasca-Mantrap Coop. Electric Assn.
202 Kandiyohi Coop. Elec. Power Assn.
203 KEM Electric Coop.
203a Lake Region Coop.
204 L&O Power Coop.
204a McLeod Coop. Power
204b Meeker Coop. Light and Power
205 Minnesota Valley Coop.
206 Minnkota Power Coop.
207 Mor-Gran-Sou Electric Coop.
207a Nobles Cooperative Electric
208 Northern Electric Coop.
209 Northwest Iowa Power Coop.
210 Oliver-Mercer Electric Coop.
210a Redwood Electric Coop.
211 Rosebud Electric Coop.
211a Runestone Electric Assn.
212 Rushmore Electric Power Coop.
212a South Central Electric Assn.
212b Stearns Cooperative Electric Assn.
213 Todd-Wadens Electric Coop.
214 Upper Missouri G&T Electric Coop.

Federal agencies

215 3-Mile Pump–BIA
216 Ellsworth Air Force Base
217 Frazer & Valley–BIA
218 Fort Totten/Belcourt–BIA

State agencies

219 Beatrice State Dev. Ctr.
220 Fergus Falls State Hospital
221 Grafton State School
222 Hastings Regional Center
223 McLean-Sheridan Rural Water
224 ND Mill & Elevator
225 ND State Water Commission–SW Pipeline Project
225a Missouri West
226 Nebraska State Penitentiary
227 Norfolk Regional Center
228 Northern State University–Aberdeen
229 Peru State College
230 SD Development Center
233 ND School for the Deaf
234 ND State University–Bottineau
235 ND State School of Science–Wahpeton
236 SD Cement Plant–Black Hills State Univ.–Spearfish
237 SD School of Mines & Tech
238 SD State Penitentiary–Sioux Falls
239 SD State University–Brookings
240 Mike Durfee State Prison–Springfield
241 SD State Training School–Plankinton, SD
242 ND State Hospital–Jamestown
244 MT State Water Con. Bd.–Helena
245 MT State Water Con. Bd.–Sidney
246 Southwest State University, MN
247 Univ. of Nebraska–Lincoln
248 Univ. of Nebraska–Omaha
249 Univ. of ND–Grand Forks
250 Univ. of SD–Vermillion
251 Wayne State College
252 Willmar Regional Treatment Center
253 SD Human Services Center–Yankton
260 Burleigh Water Users
261 Dickey Rural Water Project

Public utility districts

254 Municipal Energy Agency of Nebraska
255 Nebraska Public Power District
256 Omaha Public Power District

Irrigation districts

257 Kinsey ID
258 Hammond Pump
259 Prairie County Water & Sewer Dist No 2

Note: Does not include interproject and Bureau of Reclamation customers.

Map is on previous page.

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Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resources		
Net generation	10,979	12,035
Interchange		
Received	53	1
Delivered	26	48
Net	27	(47)
Purchases		
NonWestern	2,834	2,150
Total purchases	2,834	2,150
Total energy resources	**13,840**	**14,138**
Energy disposition		
Sales of electric energy		
Western sales	12,919	13,160
Project use sales	42	31
Total energy sales	12,961	13,191
Other		
Interproject sales	101	134
Total other	101	134
Total energy delivered	**13,062**	**13,325**
System and contractual losses	778	813
Total energy disposition	**13,840**	**14,138**

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	98	98
Number of transformers	123	125
Transformer capacity (kVA)	8,104,653	8,045,989
Land (fee)		
Acres	1,597.16	1,602.09
Hectares	646.62	648.62
Land (easement)		
Acres	21.86	74.14
Hectares	8.85	30.02
Land (withdrawal)		
Acres	20.98	20.98
Hectares	8.49	8.49
Buildings and communications sites		
Number of buildings	185	230
Number of communications sites	148	145
Land (fee)		
Acres	170.54	229.73
Hectares	69.04	93.01
Land (easement)		
Acres	188.68	337.90
Hectares	76.39	136.80
Land (withdrawal)		
Acres	1.53	1.53
Hectares	0.62	0.62

Transmission Lines

	Iowa		Minnesota		Missouri		Montana	
Voltage Rating	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999
345-kV								
Circuit miles	20.33	20.33	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	32.71	32.71	0.00	0.00	0.00	0.00	0.00	0.00
Acres	358.21	358.21	0.00	0.00	0.00	0.00	0.00	0.00
Hectares	145.02	145.02	0.00	0.00	0.00	0.00	0.00	0.00
230-kV								
Circuit miles	164.52	164.52	247.33	247.33	0.00	0.00	559.95	559.95
Circuit kilometers	264.71	264.71	397.95	397.95	0.00	0.00	900.96	900.96
Acres	2,053.52	2,053.52	3,087.66	3,087.66	0.00	0.00	8,285.06	8,285.06
Hectares	831.39	831.39	1,250.07	1,250.07	0.00	0.00	3,354.28	3,354.28
161-kV								
Circuit miles	192.23	192.23	0.00	0.00	17.95	17.95	283.28	283.28
Circuit kilometers	309.30	309.30	0.00	0.00	28.88	28.88	455.80	455.80
Acres	2,321.05	2,321.05	0.00	0.00	219.74	219.74	4,433.06	4,625.62
Hectares	939.70	939.70	0.00	0.00	88.96	88.96	1,794.77	1,872.72
115-kV								
Circuit miles	0.00	0.00	14.99	14.99	0.00	0.00	514.39	514.39
Circuit kilometers	0.00	0.00	24.12	24.12	0.00	0.00	827.65	827.65
Acres	0.00	0.00	149.85	142.50	0.00	0.00	6,495.91	6,502.86
Hectares	0.00	0.00	60.67	57.69	0.00	0.00	2,629.93	2,632.74
100-kV								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	14.92	14.92
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Acres	0.00	0.00	0.00	0.00	0.00	0.00	125.14	125.14
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	50.66	50.66
69-kV and below								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	71.36	71.36
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	114.82	118.84
Acres	0.00	0.00	0.00	0.00	0.00	0.00	597.02	596.81
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	241.71	241.62
Totals								
Circuit miles	377.08	377.08	262.32	262.32	17.95	17.95	1,428.98	1,443.90
Circuit kilometers	606.72	606.72	422.07	422.07	28.88	28.88	2,299.23	2,327.26
Acres	4,732.78	4,732.78	3,239.24	3,231.89	219.74	219.74	19,936.19	20,135.49
Hectares	1,916.11	1,916.11	1,311.44	1,308.46	88.96	88.96	8,071.35	8,152.04

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Transmission Lines, cont.

Voltage Rating	Nebraska FY 2000	Nebraska FY 1999	North Dakota FY 2000	North Dakota FY 1999	South Dakota FY 2000	South Dakota FY 1999	Total FY 2000	Total FY 1999
345-kV								
Circuit miles	136.99	136.99	40.74	40.74	260.33	260.33	458.39	458.39
Circuit kilometers	220.42	220.42	65.55	65.55	418.87	418.87	737.55	737.55
Acres	2,500.53	2,500.53	0.00	0.00	5,058.30	5,058.30	7,917.04	7,917.04
Hectares	1,012.36	1,012.36	0.00	0.00	2,047.90	2,047.90	3,205.29	3,205.29
230-kV								
Circuit miles	0.00	0.00	983.30	983.30	1,766.12	1,766.12	3,721.22	3,721.22
Circuit kilometers	0.00	0.00	1,582.13	1,582.13	2,841.69	2,841.69	5,987.44	5,987.44
Acres	0.00	0.00	13,067.32	13,066.39	17,228.77	17,224.93	43,722.33	43,717.56
Hectares	0.00	0.00	5,290.42	5,290.05	6,975.23	6,973.67	17,701.39	17,699.46
161-kV								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	493.46	493.46
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	793.98	793.98
Acres	0.00	0.00	0.00	0.00	0.00	0.00	6,973.85	7,166.41
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	2,823.43	2,901.39
115-kV								
Circuit miles	71.74	71.74	884.96	886.27	1,343.15	1,343.15	2,830.54	2,830.54
Circuit kilometers	115.43	115.43	1,423.90	1,426.01	2,161.13	2,161.13	4,554.34	4,554.34
Acres	524.62	524.62	10,816.40	10,816.40	12,190.09	12,190.09	30,176.87	30,176.47
Hectares	212.40	212.40	4,379.12	4,379.12	4,935.27	4,935.27	12,217.38	12,217.22
100-kV								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Acres	125.14	125.14	0.00	0.00	0.00	0.00	125.14	125.14
Hectares	50.66	50.66	0.00	0.00	0.00	0.00	50.66	50.66
69-kV and below								
Circuit miles	0.00	0.00	148.36	148.36	7.06	7.06	226.78	226.78
Circuit kilometers	0.00	0.00	238.71	238.71	11.36	11.36	364.89	368.91
Acres	0.00	0.00	1,370.05	1,370.05	2.17	2.17	1,970.97	1,970.76
Hectares	0.00	0.00	554.68	554.68	0.88	0.88	797.97	797.88
Totals								
Circuit miles	208.73	208.73	2,057.36	2,058.67	3,377.38	3,376.66	7,745.31	7,745.31
Circuit kilometers	335.85	335.85	3,310.29	3,312.40	5,434.20	5,433.05	12,438.20	12,466.23
Acres	3,025.15	3,025.15	25,253.77	25,252.84	34,479.33	34,475.49	90,886.20	91,073.38
Hectares	1,224.76	1,224.76	10,224.22	10,223.84	13,959.27	13,957.72	36,796.11	36,871.90

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation (GWh) [2] FY 2000	Net generation (GWh) [2] FY 1999
Pick-Sloan Missouri Basin—Eastern Division									
Montana									
Canyon Ferry	Reclamation	Missouri	Dec 53	3	60	60	60	310	421
Fort Peck	Corps	Missouri	Jul 43	5	218	207	211	913	1,079
Yellowtail [3, 4]	Reclamation	Big Horn	Aug 66	2	144	139	108	362	654
North Dakota									
Garrison	Corps	Missouri	Jan 56	5	546	474	484	2,176	2,607
South Dakota									
Big Bend	Corps	Missouri	Oct 64	8	538	498	467	1,157	1,090
Fort Randall	Corps	Missouri	Mar 54	8	387	353	370	2,062	2,199
Gavins Point	Corps	Missouri	Sep 56	3	122	110	111	849	860
Oahe	Corps	Missouri	Apr 62	7	786	703	728	3,149	3,125
Pick-Sloan Missouri Basin—Eastern Division total				**41**	**2,801**	**2,544**	**2,539**	**10,979**	**12,035**

1 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.
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 Excludes 4.8 MW reserved for plant use but included in number of units.
4 Half of the plant capacity and energy is marketed by RM and half by UGP.

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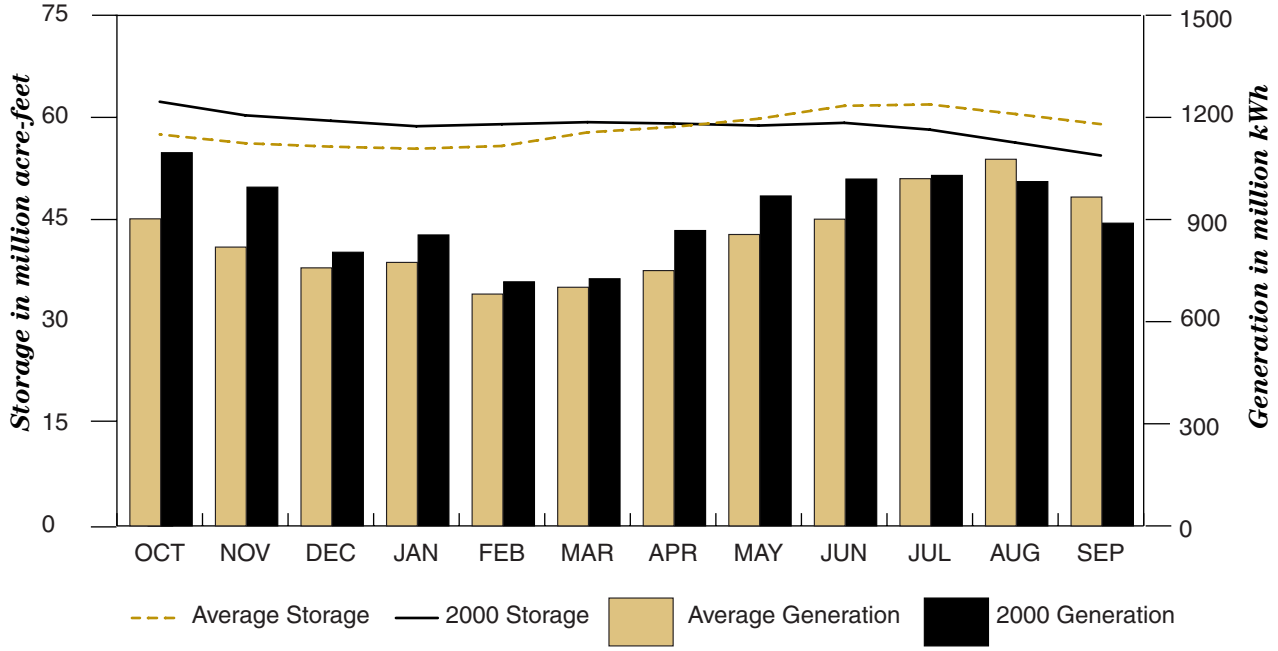
Storage and Generation



Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Monthly Rate: Capacity charge ($/kW of billing demand)	Monthly Rate: Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	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

Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
9/1/99 -4/30/00	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of $102,877,706
	Integrated System Firm Point-to-Point Rate	$2.92/KW-Mo
	Integrated System Nonfirm Point-to-Point Rate	4 m/kWh
	Regulation and Frequency Response Service	$0.05/KW-Mo
	Operating Reserve—Spinning Reserve Service	$0.12/KW-Mo
	Operating Reserve—Supplemental Reserve Service	$0.12/KW-Mo
	Scheduling, System Control and Dispatch Service	$42.54/Schedule/Day
	Reactive Supply & Voltage Control	$0.06/KW-Mo
5/1/00 -9/30/00	Integrated System Network Transmission Rate	Load Ratio Share of Annual Revenue Requirements of $102,457,147
	Integrated System Firm Point-to-Point Rate	$3.09/KW-Mo
	Integrated System Nonfirm Point-to-Point Rate	4.23 m/kWh
	Regulation and Frequency Response Service	$0.05/KW-Mo
	Operating Reserve—Spinning Reserve Service	$0.12/KW-Mo
	Operating Reserve—Supplemental Reserve Service	$0.12/KW-Mo
	Scheduling, System Control and Dispatch Service	$73.90/Schedule/Day
	Reactive Supply & Voltage Control	$0.07/KW-Mo

Marketing Plan Summary

Project	Expiration date
Pick-Sloan Missouri Basin Program—Eastern Division	Dec. 31, 2020

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Rate Action 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)	Annual incremental $(000)	Notes	Date submitted to FERC
WAPA-90	P-SMB-ED	Extension	7/17/00	P-SED-F6	2/1/01	N/A	N/A	N/A
WAPA-91	P-SMB-ED	Extension	7/18/00	P-SED-FP6	2/2/01	N/A	N/A	N/A

Firm and Nonfirm Energy Sales by State

	FY 2000			FY 1999		
State	Firm	Nonfirm	Total	Firm	Nonfirm	Total
Alabama						
Energy sales - MWh	0	22,272	22,272	0	21,380	21,380
Power revenues - $	0	368,357	368,357	0	424,910	424,910
California						
Energy sales - MWh	0	4,850	4,850	0	21,380	21,380
Power revenues - $	0	129,750	129,750	0	424,910	424,910
Colorado						
Energy sales - MWh	0	135,943	135,943	0	10,222	10,222
Power revenues - $	0	10,825,230	10,825,230	0	256,013	256,013
Florida						
Energy sales - MWh	0	135,962	135,962	0	64,758	64,758
Power revenues - $	0	3,722,769	3,722,769	0	1,715,326	1,715,326
Georgia						
Energy sales - MWh	0	6,602	6,602	0	0	0
Power revenues - $	0	189,139	189,139	0	0	0
Idaho						
Energy sales - MWh	0	437,559	437,559	0	68,925	68,925
Power revenues - $	0	18,650,265	18,650,265	0	1,217,323	1,217,323
Iowa						
Energy sales - MWh	1,201,131	225,255	1,426,386	1,199,888	235,855	1,435,743
Power revenues - $	16,561,120	5,304,516	21,865,636	16,552,298	4,846,741	21,399,039
Louisiana						
Energy sales - MWh	0	0	0	0	16,028	16,028
Power revenues - $	0	0	0	0	382,030	382,030
Maryland						
Energy sales - MWh	0	20,647	20,647	0	0	0
Power revenues - $	0	474,452	474,452	0	0	0
Minnesota						
Energy sales - MWh	2,105,327	759,555	2,864,882	2,099,965	1,519,675	3,619,640
Power revenues - $	28,786,758	17,943,562	46,730,320	28,755,242	31,551,706	60,306,948
Missouri						
Energy sales - MWh	0	1,059,076	1,059,076	0	1,166,001	1,166,001
Power revenues - $	0	26,569,457	26,569,457	0	29,390,905	29,390,905
Montana						
Energy sales - MWh	688,282	117,800	806,082	690,002	187,790	877,792
Power revenues - $	9,899,057	7,469,619	17,368,676	10,016,403	3,675,929	13,692,332
Nebraska						
Energy sales - MWh	1,810,949	204,414	2,015,363	1,803,755	226,516	2,030,271
Power revenues - $	33,391,584	6,158,441	39,550,025	33,349,105	6,428,293	39,777,398
New Mexico						
Energy sales - MWh	0	0	0	0	7,600	7,600
Power revenues - $	0	0	0	0	168,380	168,380
North Dakota						
Energy sales - MWh	1,092,552	149,840	1,242,392	1,086,231	132,161	1,218,392
Power revenues - $	20,579,070	4,195,412	24,774,482	20,519,848	2,897,151	23,416,999
Oklahoma						
Energy sales - MWh	0	44,343	44,343	101,639	159,751	261,390
Power revenues - $	0	1,526,627	1,526,627	1,494,597	3,293,084	4,787,681
Oregon						
Energy sales - MWh	0	84,441	84,441	0	159,751	159,751
Power revenues - $	0	1,875,925	1,875,925	0	3,293,084	3,293,084
South Dakota						
Energy sales - MWh	1,885,390	127,181	2,012,571	1,888,281	77,042	1,965,323
Power revenues - $	26,771,181	3,332,479	30,103,660	26,844,351	1,654,954	28,499,305

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Firm and Nonfirm Energy Sales by State, cont.

State	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Texas						
Energy sales - MWh	0	224,995	224,995	0	156,532	156,532
Power revenues - $	0	4,855,973	4,855,973	0	2,809,173	2,809,173
Washington						
Energy sales - MWh	0	0	0	0	30,328	30,328
Power revenues - $	0	0	0	0	719,646	719,646
Wisconsin						
Energy sales - MWh	0	11,839	11,839	0	45,705	45,705
Power revenues - $	0	224,794	224,794	0	712,838	712,838
Canada						
Energy sales - MWh	0	361,788	361,788	0	265,787	265,787
Power revenues - $	0	6,682,193	6,682,193	0	4,443,062	4,443,062
Total [1, 2]						
Energy sales - MWh	**8,783,631**	**4,134,362**	**12,917,993**	**8,768,122**	**4,392,056**	**13,160,178**
Power revenues - $	**135,988,770**	**120,498,960**	**256,487,730**	**136,037,247**	**96,587,464**	**232,624,711**

[1] Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

[2] These totals include Joint Marketing Plan Sales of 1,245,221 MWh and $22,808,107 for FY99 and 1,955,727 MWh and $41,289,280 for FY 2000.

Firm and Nonfirm Energy Sales by Customer Category

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Municipalities						
Energy sales - MWh	3,579,603	114,964	3,694,567	3,562,801	60,030	3,622,831
Revenues - $	52,194,884	2,760,546	54,955,430	52,006,135	1,434,756	53,440,891
Cooperatives						
Energy sales - MWh	3,594,929	62,939	3,657,868	3,591,907	121,140	3,713,047
Revenues - $	55,130,401	1,879,115	57,009,516	55,219,131	2,484,243	57,703,374
Federal agencies						
Energy sales - MWh	65,667	44,343	110,010	64,192	0	64,192
Revenues - $	936,479	1,526,627	2,463,106	921,338	0	921,338
State agencies						
Energy sales - MWh	417,804	32,086	449,890	425,958	9,213	435,171
Revenues - $	5,898,044	945,710	6,843,754	6,034,774	178,837	6,213,611
Public utility districts						
Energy sales - MWh	1,121,338	193,559	1,314,897	1,120,116	314,129	1,434,245
Revenues - $	21,791,336	5,530,329	27,321,665	21,826,006	7,677,913	29,503,919
Irrigation districts						
Energy sales - MWh	4,290	0	4,290	3,148	0	3,148
Revenues - $	37,626	0	37,626	29,863	0	29,863
Investor-owned utilities						
Energy sales - MWh	0	1,593,351	1,593,351	0	2,311,822	2,311,822
Revenues - $	0	58,312,750	58,312,750	0	51,523,463	51,523,463
Power marketers						
Energy sales - MWh	0	2,093,120	2,093,120	0	1,575,722	1,575,722
Revenues - $	0	49,543,883	49,543,883	0	33,288,252	33,288,252
Total [1]						
Energy sales - MWh	**8,783,631**	**4,134,362**	**12,917,993**	**8,768,122**	**4,392,056**	**13,160,178**
Revenues - $	**135,988,770**	**120,498,960**	**256,487,730**	**136,037,247**	**96,587,464**	**232,624,711**

Note: Excludes energy sales and power revenues to interdepartmental and project use customers, because these power sales are not based on firm or nonfirm power rates.

[1] These totals include Joint Marketing Plan Sales of 1,245,221 MWh and $22,808,107 for FY99 and 1,955,727 MWh and $41,289,280 for FY 2000.

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Sales by State and Customer Category

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Alabama				
Power marketers	22,272	368,357	21,380	424,910
Total Alabama	**22,272**	**368,357**	**21,380**	**424,910**
California				
Power marketers	4,850	129,750	0	0
Total California	**4,850**	**129,750**	**0**	**0**
Colorado				
Investor-owned utilities	135,943	10,825,230	5,752	138,288
Power marketers	0	0	4,470	117,725
Interproject sales	101,254	3,471,278	131,051	2,496,787
Total Colorado	**237,197**	**14,296,508**	**141,273**	**2,752,800**
Florida				
Power marketers	135,962	3,722,769	64,758	1,715,326
Total Florida	**135,962**	**3,722,769**	**64,758**	**1,715,326**
Georgia				
Power marketers	6,602	189,139	0	0
Total Georgia	**6,602**	**189,139**	**0**	**0**
Idaho				
Investor-owned utilities	437,559	18,650,265	68,925	1,217,323
Total Idaho	**437,559**	**18,650,265**	**68,925**	**1,217,323**
Iowa				
Municipalities	681,757	9,623,898	677,056	9,582,169
Cooperatives	521,918	6,970,689	525,548	7,020,161
Investor-owned utilities	30,183	920,646	57,762	1,262,962
Power marketers	192,528	4,350,403	175,377	3,533,747
Total Iowa	**1,426,386**	**21,865,636**	**1,435,743**	**21,399,039**
Louisiana				
Investor-owned utilities	0	0	16,028	382,030
Total Louisiana	**0**	**0**	**16,028**	**382,030**
Maryland				
Power marketers	20,647	474,452	0	0
Total Maryland	**20,647**	**474,452**	**0**	**0**
Minnesota				
Municipalities	1,482,207	20,348,923	1,476,636	20,299,518
Cooperatives	602,499	8,307,804	657,648	9,319,704
State agencies	40,597	552,151	42,741	576,601
Public utility districts	12,258	282,615	117,812	2,271,587
Investor-owned utilities	263,502	6,182,011	1,043,562	22,887,549
Power marketers	463,819	11,056,816	281,241	4,951,989
Total Minnesota	**2,864,882**	**46,730,320**	**3,619,640**	**60,306,948**
Missouri				
Investor-owned utilities	460,367	10,356,270	659,666	16,326,016
Power marketers	598,709	16,213,187	506,335	13,064,889
Total Missouri	**1,059,076**	**26,569,457**	**1,166,001**	**29,390,905**
Montana				
Cooperatives	675,806	9,806,429	681,215	9,945,189
Federal agencies	2,924	7,380	2,003	5,167
State agencies	5,262	47,622	3,636	36,184
Irrigation districts	4,290	37,626	3,148	29,863
Investor-owned utilities	117,800	7,469,619	187,790	3,675,929
Project use sales	28,734	71,574	20,336	52,122
Total Montana	**834,816**	**17,440,250**	**898,128**	**13,744,454**

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Sales by State and Customer Category, cont.

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Nebraska				
Municipalities	625,618	11,778,984	565,771	10,383,279
State agencies	188,523	3,071,933	164,887	2,294,357
Public utility districts	1,201,222	24,699,108	1,265,646	26,379,476
Power marketers	0	0	33,967	720,286
Project use sales	3,830	8,605	2,723	6,139
Total Nebraska	**2,019,193**	**39,558,630**	**2,032,994**	**39,783,537**
New Mexico				
Investor-owned utilities	0	0	7,600	168,380
Total New Mexico	**0**	**0**	**7,600**	**168,380**
North Dakota				
Municipalities	188,466	2,778,740	190,226	2,802,349
Cooperatives	863,691	18,131,688	858,200	17,659,034
Federal agencies	2,535	39,818	2,204	33,624
State agencies	100,799	1,507,939	99,189	1,477,527
Investor-owned utilities	32,068	914,087	27,438	614,190
Power marketers	54,833	1,402,210	41,135	830,275
Project use sales	5,824	31,705	5,168	27,760
Total North Dakota	**1,248,216**	**24,806,187**	**1,223,560**	**23,444,759**
Oklahoma				
Municipalities	0	0	0	0
Cooperatives	0	0	0	0
Federal agencies	44,343	1,526,627	0	0
State agencies	0	0	0	0
Project use sales	0	0	0	0
Total Oklahoma	**44,343**	**1,526,627**	**0**	**0**
Oregon				
Investor-owned utilities	84,441	1,875,925	135,011	2,616,214
Power marketers	0	0	24,740	676,870
Total Oregon	**84,441**	**1,875,925**	**159,751**	**3,293,084**
South Dakota				
Municipalities	716,519	10,424,885	713,142	10,373,576
Cooperatives	993,954	13,792,906	990,436	13,759,286
Federal agencies	60,208	889,281	59,985	882,547
State agencies	114,709	1,664,109	124,718	1,828,942
Public utility districts	95,918	2,218,357	26,061	479,051
Investor-owned	31,263	1,114,122	50,981	1,175,903
Project use sales	3,887	34,633	2,778	26,927
Total South Dakota	**2,016,458**	**30,138,293**	**1,968,101**	**28,526,232**
Texas				
Power marketers	224,995	4,855,973	156,532	2,809,173
Total Texas	**224,995**	**4,855,973**	**156,532**	**2,809,173**
Utah				
Interproject sales	0	0	3,244	71,577
Total Utah	**0**	**0**	**3,244**	**71,577**
Washington				
Investor-owned utilities	0	0	30,328	719,646
Total Washington	**0**	**0**	**30,328**	**719,646**
Wisconsin				
Public utility districts	5,499	121,585	24,726	373,805
Investor-owned utilities	225	4,575	20,979	339,033
Power marketers	6,115	98,634		
Total Wisconsin	**11,839**	**224,794**	**45,705**	**712,838**

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Sales by State and Customer Category, cont.

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Canada				
Power marketers	361,788	6,682,193	265,787	4,443,062
Total Canada	**361,788**	**6,682,193**	**265,787**	**4,443,062**
Total Pick-Sloan Missouri Basin (Eastern Division) [1]				
Municipalities	3,694,567	54,955,430	3,622,831	53,440,891
Cooperatives	3,657,868	57,009,516	3,713,047	57,703,374
Federal agencies	110,010	2,463,106	64,192	921,338
State agencies	449,890	6,843,754	435,171	6,213,611
Public utility districts	1,314,897	27,321,665	1,434,245	29,503,919
Irrigation districts	4,290	37,626	3,148	29,863
Investor-owned utilities	1,593,351	58,312,750	2,311,822	51,523,463
Power marketers	2,093,120	49,543,883	1,575,722	33,288,252
Interproject sales	101,254	3,471,278	134,295	2,568,364
Project use sales	42,275	146,517	31,005	112,948
Total Eastern Division	**13,061,522**	**260,105,525**	**13,325,478**	**235,306,023**

[1] These totals include Joint Marketing Plan Sales of 1,245,221 MWh and $22,808,107 for FY99 and 1,955,727 MWh and $41,289,280 for FY 2000.

Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	East River Power Cooperative	730,517	8
2	Nebraska Public Power District	722,250	8
3	Omaha Public Power District	399,088	5
4	Minnkota Power Coop.	375,441	4
5	Central Montana Electric Power	350,892	4
	Total	**2,578,188**	**29**

Top 5 Customers in Firm Energy Revenue

Rank	Customer	($)	Percent of firm revenue
1	Nebraska Public Power District	16,587,192	12
2	East River Power Cooperative	9,753,494	7
3	Basin Electric Power Cooperative	5,376,000	4
4	Omaha Public Power District	5,204,144	4
5	Central Montana Electric Power	5,127,726	4
	Total	**42,048,556**	**31**

Top 5 Customers in Nonfirm Energy Sales

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Utilicorp Corporation	450,646	11
2	Aquila Power	444,863	11
3	Idaho Power Company	437,559	11
4	Cargill-Alliant	402,842	10
5	Alliant Services Company	192,528	5
	Total	**1,928,438**	**47**

Top 5 Customers in Nonfirm Energy Revenue

Rank	Customer	($)	Percent of nonfirm revenues
1	Idaho Power Company	18,650,265	15
2	Aquila Power	11,926,746	10
3	Utiliticorp	10,131,733	8
4	Cargill-Alliant	9,006,173	7
5	Alliant Services Company	4,350,403	4
	Total	**54,065,320**	**45**

Excludes energy sales and power revenues to interdepartmental, interproject and project use customers.

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Purchased Power

Supplier	FY 2000 Energy (MWh)	FY 2000 Costs ($ 000)	FY 1999 Energy (MWh)	FY 1999 Costs ($ 000)
NonWestern suppliers				
Alliant Services Company	3,200	64	3,433	94
Aquila Power	36,452	1,368	9,881	530
Basin Electric Power Cooperative	1,444,283	29,235	1,211,856	23,052
British Columbia Power Exchange	701	43	1,144	135
Cargill-Alliant, LLC	10,665	330	463	6
Conagra Energy Services	20	1	0	0
Engage Energy	875	15	0	0
Enron Power Marketing Group	1,653	32	200	3
Gen-Sys Energy	7,708	111	0	0
Great River Energy	125	2	0	0
Heartland Consumers' Power District	103,776	2,387	129,920	2,043
Idaho Power Company	720	40	0	0
Kansas City Power & LIght	1,210	18	6,260	83
Manitoba Hydro	87,612	1,986	391	7
Lincoln Electric System	95	1	7,185	96
Madison Gas & Electric	60	1	0	0
MAPPCOR	0	58	0	0
Minnesota Municipal Power Agency	140	10	0	0
Minnesota Power & Light	35,870	644	2,860	564
MidAmerican Energy Company	27,985	570	80,829	1,680
Minnkota Power Coop.	75,827	981	28,158	358
Missouri River Energy Services	17,970	217	45,756	607
Montana Power Co.	2,350	78	30,306	85
Montana-Dakota Utilities Co.	12,855	206	1,582	20
Muscatine	150	2	1	6
Nebraska Public Power District	40,957	522	0	0
Northern/AES Energy	2,110	71	3,751	76
Northern States Power Co.	30,520	543	4,358	61
Northwestern Public Service	363,160	7,668	308,633	4,498
Omaha Public Power District	223,799	3,607	191,235	2,403
Otter Tail Power Company	233,887	4,386	22,059	1,126
PacifiCorp	50	2	0	0
PP&L Montana, LLC	5,560	218	0	0
Rainbow Energy Marketing Corporation	2,785	55	185	44
Reliant Energy Services	276	125	0	0
Rocky Mountain Generation Coop.	1,635	126	860	24
Saskatchewan Power Company	9,353	353	1,100	28
Sonat Power Marketing Inc.	800	12	0	0
Southern Company Energy Marketing	2,060	81	0	0
South. Minnesota Mun. Power Agency	375	6	722	9
Split Rock Energy	14,994	471	0	0
St. Joseph Light & Power Company	250	3	2	1
Tenaska Power Services Co	15,945	337	200	3
The Energy Authority	48,630	1,031	1,120	18
Transalta Marketing Corporation	350	11	387	26
United Power Assn.	700	10	0	0
Utilicorp United	14,050	402	3,900	89
Western Resources	425	11	245	8
Total NonWestern	**2,834,277**	**57,665**	**2,149,678**	**38,569**
Western suppliers (IATS)				
Loveland Area Projects	60	2	0	0
Total Western	**60**	**2**	**0**	**0**
Total Pick Sloan—Eastern Division [1]	**2,834,337**	**57,667**	**2,149,678**	**38,569**

[1] These totals include Joint Marketing Plan Sales of 1,245,221 MWh and $22,808,107 for FY99 and 1,955,727 MWh and $41,289,280 for FY 2000.

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Purchased Transmission

Supplier	FY 2000 Costs ($000)	FY 1999 Costs ($000)
NonWestern Suppliers		
Basin Electric Power Cooperative	0	196
Central Iowa Power Cooperative	5	5
Central Power Electric Cooperative	10	10
Kandiohi Power Cooperative	7	5
MAPPCOR	984	842
Midamerican Energy Company	787	789
Mid-Yellowstone	20	13
Minnesota Valley Cooperative	14	14
Minnkota Power Cooperative, Inc.	204	204
Montana Power Company	1,409	2,644
Montana-Dakota Utilities Company	292	291
Nebraska Public Power District	538	680
Northern Plains Electric Cooperative	1	1
Northwestern Public Service Company	52	51
Omaha Public Power District	321	317
Otter Tail Power Company	24	23
Tri-County	0	0
United Power Association	0	2
Subtotal NonWestern suppliers	**4,668**	**6,087**
Western suppliers		
Loveland Area Projects	0	122
Subtotal Western suppliers	**0**	**122**
Total Pick Sloan—Eastern Division	**4,668**	**6,209**

This table is compiled from end of month reporting of purchased transmission.

Customers by State and Customer Category

State/Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Alabama								
Power marketers	0	0	1	1	0	0	1	1
California								
Power marketers	0	0	1	1	0	0	0	0
Colorado								
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	0	0	0	0	1	1
Florida								
Power marketers	0	0	1	1	0	0	1	1
Georgia								
Power marketers	0	0	1	1	0	0	0	0
Idaho								
Investor-owned utilities	0	0	1	1	0	0	1	1
Iowa								
Municipalities	44	0	1	45	44	0	1	45
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
Louisiana								
Investor-owned utilities	0	0	0	0	0	0	1	1
Maryland								
Investor-owned utilities	0	0	1	1	0	0	0	0

Continued on next page.

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Customers by State and Customer Category, cont.

State/Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Minnesota								
Municipalities	45	1	1	47	45	1	1	47
Cooperatives [1]	15	0	0	15	15	1	1	17
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	3	3	0	0	3	3
Power marketers	0	0	3	3	0	0	2	2
Missouri								
Investor-owned utilities	0	0	3	3	0	0	3	3
Power marketers	0	0	3	3	0	0	4	4
Montana								
Cooperatives	3	0	0	3	3	0	0	3
Federal agencies	2	0	0	2	2	0	0	2
State agencies	2	0	0	2	2	0	0	2
Irrigation district	3	0	0	3	3	0	0	3
Investor-owned utilities	0	0	2	2	0	0	1	1
Nebraska								
Municipalities	50	1	0	51	49	2	0	51
State agencies	9	0	0	9	8	0	0	8
Public utility districts	0	2	0	2	0	3	0	3
Power marketers	0	0	0	0	0	0	1	1
New Mexico								
Investor-owned utilities	0	0	0	0	0	0	1	1
North Dakota								
Municipalities	11	0	0	11	11	0	0	11
Cooperatives	5	2	0	7	5	2	0	7
Federal agencies	1	0	0	1	1	0	0	1
State agencies	12	0	0	12	12	0	0	12
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	1	1	0	0	1	1
Oklahoma								
Federal agencies	0	0	1	1	0	0	0	0
Oregon								
Investor-owned utilities	0	0	1	1	0	0	1	1
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	10	0	0	10	10	0	0	10
Public utility districts	0	0	2	2	0	0	2	2
Investor-owned utilities	0	0	1	1	0	0	1	1
Texas								
Investor-owned utilities	0	0	0	0	0	0	1	1
Power marketers	0	0	7	7	0	0	3	3
Washington								
Investor-owned utilities	0	0	0	0	0	0	1	1
Wisconsin								
Investor-owned utilities	0	0	1	1	0	0	2	2
Power marketers	0	0	1	1	0	0	0	0
Public utility districts	0	0	1	1	0	0	1	1
Canada								
Power marketers	0	0	4	4	0	0	4	4
Subtotal	**258**	**6**	**48**	**312**	**256**	**9**	**47**	**312**
Project use sales	29	0	0	29	29	0	0	29
Interproject sales	0	0	1	1	0	1	1	2
Total Western	**287**	**6**	**49**	**342**	**285**	**10**	**48**	**343**

[1] Cooperative customers in Minnesota increased because the Western allocation was transferred to the individual coops in December 1998.

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Summary by state

State	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Alabama	0	0	1	1	0	0	1	1
California	0	0	1	1	0	0	0	0
Colorado	0	0	1	0	0	0	2	0
Florida	0	0	1	1	0	0	1	1
Georgia	0	0	1	1	0	0	0	0
Idaho	0	0	1	1	0	0	1	1
Iowa	48	0	3	51	48	0	3	51
Louisiana	0	0	0	0	0	0	1	1
Massachusetts	0	0	1	1	0	0	0	0
Minnesota	63	1	9	73	63	2	9	74
Missouri	0	0	6	6	0	0	7	7
Montana	10	0	2	12	10	0	1	11
Nebraska	59	3	0	62	57	5	1	63
New Mexico	0	0	0	0	0	0	1	1
North Dakota	29	2	2	33	29	2	2	33
Oklahoma	0	0	1	1				
Oregon	0	0	1	1	0	0	2	2
South Dakota	49	0	3	52	49	0	3	52
Texas	0	0	7	7	0	0	4	4
Washington	0	0	0	0	0	0	1	1
Wisconsin	0	0	3	3	0	0	3	3
Canada	0	0	4	4	0	0	4	4
Total	**258**	**6**	**48**	**312**	**256**	**9**	**47**	**312**

Summary by customer class

Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Municipalities	183	2	2	187	182	3	2	187
Cooperatives [1]	32	2	0	34	32	3	1	36
Federal agencies	4	0	1	5	4	0	0	4
State agencies	36	0	0	36	35	0	0	35
Public utility districts	0	2	5	7	0	3	5	8
Irrigation districts	3	0	0	3	3	0	0	3
Investor-owned utilities	0	0	16	16	0	0	19	19
Power marketers	0	0	24	24	0	0	20	20
Total	**258**	**6**	**48**	**312**	**256**	**9**	**47**	**312**
Project use sales	29	0	0	29	29	0	0	29
Interproject sales	0	0	1	1	0	1	1	2
Total Western	**287**	**6**	**49**	**342**	**285**	**10**	**48**	**343**

[1] Cooperative customers in Minnesota increased because the Western allocation was transferred to the individual coops in December 1998.

Note: In FY 2000, Western sold P-SMB—ED power to 264 preference customers (col 1+2); 6 also purchase nonfirm power (col. 2). We sold P-SMB—ED project use power to 29 customers, for a total of 293 firm customers. Nonfirm sales were made to 49 other customers (col. 3), such as power marketers and investor-owned utilities. Detailed information on each customer is listed in the P-SMB—ED Power Sales and Revenue table.

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Transmission Revenues

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Firm network	13,077,750	8,389,262
Long-term firm point-to-point	6,108,442	6,428,925
Nonfirm point-to-point	663,359	1,371,990
Short-term firm point-to-point	3,567,905	4,514,749
Total	**23,417,456**	**20,704,926**

Ancillary Services Revenues

Ancillary service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Reactive supply and voltage control service	532,298	416,294
Regulation and frequency response	381,390	188,818
Total	**913,688**	**605,112**

Power Sales and Revenue

	Contract rate of delivery		FY 2000		FY 1999	
Customer	Summer (kW)	Winter (kW)	Energy (MWh)	Revenue ($)	Energy (MWh)	Revenue ($)
Municipalities						
Iowa						
Akron	2,901	1,675	10,540	150,731	9,941	143,553
Alta	2,160	1,873	9,880	134,862	9,854	134,640
Alton	1,729	1,311	7,458	104,490	7,436	104,353
Anita	1,581	1,249	6,914	94,412	6,893	94,250
Anthon	259	315	1,305	18,104	1,281	17,773
Atlantic	8,071	5,981	34,631	476,617	33,266	456,725
Aurelia	394	546	2,116	29,258	2,095	29,192
Breda	804	722	3,291	50,069	3,382	50,930
Coon Rapids	2,781	2,500	14,867	210,334	14,415	201,865
Corning	3,852	2,517	14,408	202,405	14,364	202,124
Denison	0	12,570	79,479	1,141,267	79,236	1,139,110
Fonda	302	495	1,634	24,801	1,733	26,518
Fontanelle	1,158	1,099	5,254	73,922	5,251	73,959
Glidden	1,333	868	4,721	66,488	4,675	65,715
Graettinger	1,251	1,083	5,731	79,130	5,716	79,000
Harlan	10,348	7,162	42,502	576,956	42,084	572,033
Hartley	3,086	2,732	15,636	211,702	15,591	211,363
Hawarden	5,247	3,434	22,956	314,019	22,893	313,811
Hinton	818	664	2,416	34,663	2,334	35,357
Kimballton	599	474	2,254	32,146	2,239	31,508
Lake Park	1,605	1,699	8,130	113,060	8,128	113,166
Lake View	3,730	3,342	15,252	226,575	15,522	229,482
Laurens	3,282	2,648	14,832	202,352	14,790	202,007
Lenox	2,284	2,040	10,690	146,260	10,654	145,957
Manilla	1,383	1,315	6,568	90,875	6,579	91,109
Manning	2,622	2,185	14,812	192,670	14,405	187,542
Mapleton	2,736	1,900	10,569	144,796	10,669	146,209
Milford	2,623	2,472	12,144	170,355	12,108	170,038
Muscatine	0	0	2,544	33,467	2,716	50,032
Neola	322	263	1,120	16,343	1,117	16,007
Onawa	6,276	4,319	24,370	337,318	23,746	329,648
Orange City	6,996	5,516	33,154	454,547	33,057	453,821
Paullina	1,753	1,361	7,632	106,607	7,590	106,398
Primghar	1,383	1,165	6,092	85,447	6,072	85,297
Remsen	2,519	1,931	10,957	151,649	10,927	151,423
Rock Rapids	4,741	3,996	21,854	300,020	21,785	299,502
Sanborn	2,109	2,029	11,679	156,088	11,644	155,820
Shelby	883	961	4,271	59,845	4,277	59,842
Sibley	3,353	3,518	17,365	235,953	17,316	235,603
Sioux Center	7,150	5,308	33,425	453,086	33,329	452,356
Spencer	20,228	17,248	94,596	1,469,118	94,312	1,466,635
Stanton	981	1,192	5,100	76,461	5,089	76,456

 Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Villisca	2,440	1,727	9,909	136,619	9,841	135,885
Wall Lake	1,411	1,353	5,974	89,098	6,012	89,785
Woodbine	2,366	1,977	10,725	148,913	10,692	148,370
Subtotal Iowa			**681,757**	**9,623,898**	**677,056**	**9,582,169**
Minnesota						
Ada	2,627	2,731	13,724	185,579	13,507	183,373
Adrian	1,712	1,823	9,256	125,556	9,226	125,328
Alexandria	17,185	17,084	100,800	1,334,807	100,481	1,332,348
Barnesville	1,992	2,314	12,352	164,976	12,310	164,593
Benson	6,044	4,532	27,954	378,550	27,902	378,669
Breckenridge	5,741	4,995	30,268	404,463	30,166	403,601
Detroit Lakes	12,716	12,738	72,929	970,856	72,694	969,059
East Grand Forks	13,210	13,817	76,502	1,086,217	76,237	1,083,868
Elbow Lake	1,873	2,025	10,051	140,240	10,013	139,948
Fairfax	1,849	1,755	9,649	130,934	8,290	114,837
Fosston	2,420	2,648	13,860	200,245	13,817	199,886
Granite Falls	1,313	1,929	7,200	106,851	7,125	108,172
Halstad	872	1,299	5,473	80,748	5,453	80,586
Hawley	1,729	1,649	8,898	130,411	8,871	130,187
Henning	864	1,124	5,072	70,146	5,052	69,994
Hutchinson	0	0	286	8,638	210	5,460
Jackson	5,920	4,412	26,253	361,154	26,172	360,532
Kandiyohi	613	733	3,281	48,433	3,270	48,240
Lakefield	2,469	2,029	11,317	155,547	11,312	155,839
Lake Park	602	794	3,769	51,552	3,756	51,461
Litchfield	13,298	11,201	73,222	970,342	73,000	968,596
Luverne	9,140	8,427	50,043	665,276	49,491	659,197
Madison	4,115	2,180	14,157	211,222	13,829	206,420
Marshall	23,336	14,857	135,224	1,730,507	134,900	1,727,917
Melrose	5,595	5,905	36,611	477,648	36,494	476,737
Moorhead	40,425	38,934	237,985	3,387,340	237,119	3,379,512
Mountain Lake	983	1,211	5,265	71,981	5,067	71,020
Newfolden	549	593	2,722	37,594	2,797	38,981
Nielsville	156	184	678	9,546	717	10,173
Olivia	4,801	4,265	23,362	315,750	23,284	315,157
Ortonville	5,284	4,246	23,412	318,354	23,332	317,402
Redwood Falls	9,310	8,071	46,418	629,210	46,275	628,137
St. James	7,590	5,241	37,552	494,951	37,443	491,913
Sauk Centre	4,703	4,429	25,893	344,397	25,801	342,104
Shelly	393	368	1,810	24,918	1,872	25,991
Sleepy Eye	2,500	900	8,687	117,971	8,671	117,848
Springfield	986	1,314	25,224	490,913	24,811	480,843
Staples	841	1,443	6,888	91,117	6,859	90,891
Stephen	1,037	1,311	6,195	90,941	6,174	90,768
Thief River Falls	13,534	12,738	69,866	1,013,859	69,655	1,012,103
Tyler	1,778	1,807	8,540	114,744	8,738	118,484
Wadena	7,258	8,283	44,826	597,639	44,674	596,485
Warren	2,277	2,704	13,257	193,696	13,214	193,343
Westbrook	1,441	1,561	7,212	98,548	7,415	101,890
Willmar	6,266	5,533	32,094	430,504	31,986	429,667
Windom	8,080	5,858	35,066	472,924	36,227	492,204
Worthington	11,413	9,541	61,104	811,128	60,927	809,754
Subtotal Minnesota			**1,482,207**	**20,348,923**	**1,476,636**	**20,299,518**
North Dakota						
Cavalier	2,716	4,296	17,792	259,436	18,058	262,864
Grafton	6,716	7,343	37,584	542,848	37,458	541,785
Hillsboro	2,233	3,347	15,206	204,868	15,310	206,079
Hope	481	600	2,682	39,802	2,672	39,717
Lakota	1,533	2,449	11,041	166,764	11,004	166,463
Maddock	478	625	2,596	36,995	2,586	36,923
Northwood	1,654	2,448	11,578	167,975	11,544	167,707
Park River	2,519	3,272	15,780	228,040	15,725	227,575
Riverdale	342	507	1,770	27,140	1,763	27,068
Sharon	237	306	1,277	19,056	1,272	19,015
Valley City	11,700	15,600	71,160	1,085,816	72,834	1,107,153
Subtotal North Dakota			**188,466**	**2,778,740**	**190,226**	**2,802,349**

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
South Dakota						
Aberdeen	943	442	1,980	31,376	2,210	34,359
Arlington	1,367	1,515	7,858	106,195	7,629	103,178
Aurora	363	411	1,832	25,763	1,825	25,769
Badger	322	368	1,298	19,061	1,363	19,737
Beresford	3,026	2,143	12,843	200,808	12,805	200,353
Big Stone City	1,679	1,549	10,225	133,701	10,260	134,118
Brookings	19,763	17,572	108,489	1,548,352	108,140	1,545,280
Bryant	508	582	2,456	36,349	2,524	37,260
Burke	1,284	1,326	6,245	85,746	6,219	85,617
Colman	872	896	4,116	58,866	4,169	58,091
Estelline	906	1,229	5,439	74,578	5,284	72,083
Faith	1,190	1,549	5,761	89,519	5,949	91,889
Flandreau	2,905	2,714	15,282	232,236	15,229	231,740
Fort Pierre	3,135	2,534	13,051	209,657	13,010	208,478
Groton	1,975	2,023	10,498	151,526	10,262	150,992
Hecla	661	744	3,458	47,714	3,476	47,716
Howard	2,074	1,479	8,744	120,439	8,701	119,599
Langford	566	429	2,129	32,236	2,312	34,459
Madison	10,415	9,517	50,660	682,325	49,404	669,178
McLaughlin	1,649	1,734	6,739	98,514	6,632	96,991
Miller	4,115	4,633	18,734	279,792	18,939	280,369
Parker	2,042	1,914	8,882	123,140	8,941	123,239
Pickstown	311	325	1,581	21,779	1,576	21,742
Pierre	28,777	20,631	119,539	1,866,951	119,184	1,855,648
Plankinton	1,222	1,593	6,802	94,967	6,919	96,106
Sioux Falls	8,264	7,093	45,642	646,768	45,501	645,522
Tyndall	2,007	1,653	8,452	134,816	8,246	130,941
Vermillion	11,265	6,713	43,846	610,628	43,428	607,848
Volga	1,749	1,464	11,094	142,032	10,961	140,561
Watertown	25,977	20,935	129,760	1,872,824	129,354	1,869,239
Wessington Springs	1,852	1,723	8,383	117,847	8,242	114,405
White	130	237	956	13,092	934	12,756
Winner	7,262	6,612	33,745	515,288	33,514	508,313
Subtotal South Dakota			**716,519**	**10,424,885**	**713,142**	**10,373,576**
Nebraska						
Ansley	78	68	337	4,614	346	4,707
Arnold	1,293	1,127	5,748	78,894	5,583	76,594
Auburn	3,248	2,426	12,920	192,072	12,532	187,349
Beatrice	2,871	1,849	12,133	177,723	11,326	165,248
Beaver City	311	252	1,184	16,618	1,162	16,155
Blue Hill	1,399	895	4,820	67,616	4,670	64,906
Broken Bow	2,525	1,866	11,101	150,046	10,590	144,133
Burwell	591	478	2,497	34,288	2,406	33,353
Callaway	881	703	3,612	49,991	3,692	51,062
Cambridge	534	468	2,321	32,526	2,254	31,110
Crete	2,700	1,963	13,448	180,893	13,411	180,605
Curtis	450	306	1,806	24,721	1,730	23,915
David City	1,313	1,311	6,344	92,431	6,202	91,116
Deshler	617	362	2,084	29,125	2,022	28,129
De Witt	589	561	2,847	42,334	2,711	40,600
Fairbury	3,494	2,149	13,219	179,293	13,314	180,224
Franklin	547	522	2,500	34,774	2,381	33,213
Fremont	5,000	5,000	27,273	388,652	26,856	384,639
Grand Island	9,550	5,338	34,918	486,587	34,820	485,842
Hastings	11,853	6,460	49,318	665,458	49,001	661,725
Indianola	92	92	418	6,299	407	6,051
Laurel	547	484	2,393	35,111	2,417	35,584
Lincoln	108,632	42,549	231,182	6,078,793	176,395	4,748,306
Lyons	569	505	2,340	34,645	2,437	36,157
Madison	0	0	10,851	197,233	10,851	197,233
Nebraska City	8,599	5,632	38,106	549,457	37,969	545,321
Neligh	295	295	1,310	17,958	1,297	17,991
Ord	1,234	1,188	5,507	80,976	5,179	76,913
Oxford	579	450	2,442	32,889	2,280	31,431
Pender	696	567	2,688	37,627	2,795	39,244

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Pierce	257	257	1,113	15,632	1,140	15,770
Plainview	661	518	2,594	35,790	2,502	34,968
Randolph	0	0	1,751	33,145	1,751	33,145
Red Cloud	656	576	2,744	37,358	2,694	37,077
Sargent	407	454	1,895	26,853	1,827	25,569
Schuyler	3,945	4,229	24,726	324,142	24,320	318,515
Shickley	59	59	236	3,449	234	3,400
South Sioux City	0	0	21,369	410,638	21,368	410,638
Spalding	1,076	855	4,123	61,887	4,095	61,467
Spencer	93	93	372	5,337	376	5,398
Stuart	217	307	1,187	16,319	1,223	16,718
Syracuse	268	268	1,270	18,827	1,266	18,771
Tecumseh	989	724	3,681	54,755	4,133	60,701
Wahoo	2,093	1,979	10,244	137,641	9,898	133,720
Wakefield	0	0	3,302	59,351	3,302	59,351
Wayne	1,929	1,794	10,180	146,575	10,148	146,301
West Point	1,250	764	4,984	67,883	4,786	65,264
Wilber	2,465	1,481	8,594	119,572	8,188	113,559
Winside	605	477	2,411	35,893	2,441	36,397
Wisner	2,592	2,487	10,451	158,073	10,385	158,405
Wood River	156	156	724	10,220	658	9,289
Subtotal Nebraska			**625,618**	**11,778,984**	**565,771**	**10,383,279**
Total municipalities			**3,694,567**	**54,955,430**	**3,622,831**	**53,440,891**
Rural electric cooperatives						
Iowa						
Central Iowa Power Coop.	12,335	17,370	81,736	1,092,573	86,941	1,154,000
Corn Belt Power Coop.	24,504	28,559	139,078	1,855,278	138,584	1,851,602
L&O Power Coop.	11,277	16,758	71,315	969,275	71,017	966,961
Northwest Iowa Power Coop.	39,183	48,315	229,789	3,053,563	229,006	3,047,598
Subtotal Iowa			**521,918**	**6,970,689**	**525,548**	**7,020,161**
Minnesota						
Agralite Electric Cooperative	8,172	9,966	43,485	605,418	27,287	384,655
Brown County Rural Electric	5,488	6,693	29,688	409,579	18,948	262,893
Cooperative Power Assn.	1	1	0	0	124,381	1,709,475
Dairyland Power Coop.	0	0	0	0	49,808	894,137
Federated Rural Electric Association	8,266	9,898	46,834	634,455	29,856	406,983
Great River Energy	1	1	0	0	51,966	707,129
Itasca-Mantrap Coop Elec Assn.	4,279	4,836	24,875	335,386	24,875	334,765
Kandiyohi Power Cooperative	4,789	6,031	32,917	426,938	23,256	302,323
Lake Region Cooperative Electrical Assn.	14,434	17,603	77,630	1,073,665	49,153	684,904
McLeod Cooperative Power Assn.	2,144	2,615	11,594	159,702	7,412	102,632
Meeker Cooperative Light & Power	4,682	5,709	25,499	350,428	16,381	225,692
Minnesota Valley Coop.	9,841	12,347	53,731	786,127	53,550	783,833
Nobles Cooperative Electric	10,051	12,258	54,784	753,879	35,177	486,017
Redwood Electric Cooperative	5,329	6,499	29,541	404,394	18,829	259,324
Runestone Electric Association	8,878	10,827	48,636	667,234	31,149	428,771
South Central Electric Association	7,051	8,599	40,365	547,111	25,689	350,376
Stearns Cooperative Electric Association	9,776	11,922	51,274	715,646	32,677	459,014
Todd-Wadena Electric Cooperative	5,889	7,182	31,646	437,842	20,128	280,176
United Power Assn.	1/	1/	0	0	17,126	256,605
Subtotal Minnesota			**602,499**	**8,307,804**	**657,648**	**9,319,704**
Montana						
Big Horn County Electric Coop.	1,656	3,628	14,745	214,366	14,771	213,935
Central Montana Electric Power Coop.	71,071	88,140	350,892	5,127,726	357,383	5,277,848
Upper Missouri G&T Elec. Coop.	38,859	55,913	310,169	4,464,337	309,061	4,453,406
Subtotal Montana			**675,806**	**9,806,429**	**681,215**	**9,945,189**
North Dakota						
Basin Electric Power Coop.	0	280,000	33,227	6,564,661	15,153	5,815,586
Capital Elec. Coop.	2,074	2,740	12,758	194,790	12,705	194,304
Central Power Electric Coop.	42,644	63,791	332,025	4,469,232	327,732	4,416,157
KEM Electric Coop.	6,242	8,279	34,127	519,553	33,988	517,644
Minnkota	51,407	75,822	405,153	5,709,052	422,407	6,042,519
Mor-Gran-Sou Electric Coop.	3,922	6,296	27,861	406,892	27,750	406,130

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Oliver-Mercer Electric Coop.	2,745	4,002	18,540	267,508	18,465	266,694
Subtotal North Dakota			**863,691**	**18,131,688**	**858,200**	**17,659,034**
South Dakota						
East River Power Coop.	121,478	144,283	730,517	9,753,494	727,630	9,733,785
Grand Electric Coop.	3,458	5,136	27,049	400,923	26,948	399,558
Northern Electric Coop.	1,333	1,873	6,649	98,353	7,007	102,270
Rosebud Electric Coop.	11,358	14,215	62,308	970,465	62,055	970,315
Rushmore Electric Power Coop.	32,526	35,094	167,431	2,569,671	166,796	2,553,358
Subtotal South Dakota			**993,954**	**13,792,906**	**990,436**	**13,759,286**
Total rural electric cooperatives			**3,657,868**	**57,009,516**	**3,713,047**	**57,703,374**
Federal agencies						
Montana						
Frazer & Valley—BIA	2,100	0	2,881	7,272	1,980	5,024
3-Mile Pump	60	0	43	108	23	143
Subtotal Montana			**2,924**	**7,380**	**2,003**	**5,167**
North Dakota						
Belcourt & Ft. Totten—BIA	755	827	2,535	39,818	2,204	33,624
Subtotal North Dakota			**2,535**	**39,818**	**2,204**	**33,624**
Oklahoma						
Southwestern Power Administration	0	0	44,343	1,526,627	59,985	882,547
Subtotal Oklahoma			**44,343**	**1,526,627**	**59,985**	**882,547**
South Dakota						
Ellsworth Air Force Base	8,947	10,451	60,208	889,281	59,985	882,547
Subtotal South Dakota			**60,208**	**889,281**	**59,985**	**882,547**
Total Federal agencies			**110,010**	**2,463,106**	**64,192**	**921,338**
State agencies						
Minnesota						
Fergus Falls State Hospital	864	907	4,278	60,685	4,453	63,412
SW Minnesota State Univ.	5,679	10,573	32,599	438,135	34,557	459,394
Willmar Regional Treatment Center	748	652	3,720	53,331	3,731	53,795
Subtotal Minnesota			**40,597**	**552,151**	**42,741**	**576,601**
Montana						
Montana State Water Cons. Board—Helena	1,200	0	2,852	41,598	2,014	32,129
Montana State Water Cons. Board—Sidney	1,500	0	2,410	6,024	1,622	4,055
Subtotal Montana			**5,262**	**47,622**	**3,636**	**36,184**
Nebraska						
Beatrice State Development Center	2,085	1,305	8,130	116,909	7,983	115,111
Hastings Regional Center	1,495	825	5,907	80,460	5,591	78,455
Municipal Energy Agency of Nebraska	3,180	2,841	46,413	1,160,080	23,050	382,223
Nebraska State Penitentary	1,856	1,511	8,743	119,750	8,721	119,598
Norfolk Regional Center	600	430	2,413	35,871	2,504	37,082
Peru State College	153	613	1,956	28,727	1,950	28,644
Univ. of Nebraska—Lincoln	19,787	14,845	106,825	1,412,613	106,544	1,410,457
Univ. of Nebraska—Omaha	1,169	1,330	6,233	89,573	6,625	94,488
Wayne State College	298	438	1,903	27,950	1,919	28,299
Subtotal Nebraska			**188,523**	**3,071,933**	**164,887**	**2,294,357**
North Dakota						
Burleigh Water Users	142	0	152	2,308	145	2,234
Dickey Rural Water Project	0	0	1,297	17,032	1,330	17,463
Grafton State School	797	938	4,881	69,946	3,834	55,308
Missouri West	100	100	326	7,355	305	6,243
Mclean-Sheridan	328	389	675	11,146	863	13,295
North Dakota Mill & Elevator Assn.	4,188	4,279	25,830	369,491	25,755	368,855
North Dakota State School for the Deaf	108	132	569	8,397	598	8,777
North Dakota State School of Science	2,001	1,974	8,859	137,241	8,944	138,193
North Dakota State Hospital—Jamestown	829	950	5,302	79,768	5,284	79,603
North Dakota State University—Bottineau	222	234	1,024	15,833	1,020	15,759
Southwest Water Authority	2,750	2,750	5,827	136,438	5,232	120,476

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Univ. of North Dakota—Grand Forks	8,071	6,691	46,057	652,984	45,879	651,321
Subtotal North Dakota			**100,799**	**1,507,939**	**99,189**	**1,477,527**
South Dakota						
Northern State Univ.—Aberdeen	2,173	1,706	8,020	121,763	7,077	109,314
South Dakota Developmental Center	1,350	900	4,911	70,668	4,755	67,988
SD Human Services Center—Yankton	2,290	1,620	7,362	112,656	7,057	107,793
SD Cement Plant (Black Hills State Univ.)	1,500	1,300	5,277	77,006	17,974	271,762
SD School of Mines & Technology	2,700	1,964	8,603	129,222	8,582	128,219
SD State Penitentiary	2,050	1,450	6,834	98,353	6,277	90,469
SD State Univ.—Brookings	8,087	7,200	37,539	536,945	37,176	531,480
Springfield Correctional Facility (Mike Durfee State Prison)	1,200	750	3,005	46,791	2,843	45,050
SD State Training School	850	1,107	3,056	43,593	2,959	42,177
Univ. of South Dakota—Vermillion	7,300	9,840	30,102	427,112	30,018	434,690
Subtotal South Dakota			**114,709**	**1,664,109**	**124,718**	**1,828,942**
Total state agencies			**449,890**	**6,843,754**	**435,171**	**6,213,611**
Public utility districts						
Nebraska						
Nebraska Public Power District	458,910	181,910	722,366	16,591,823	809,950	18,393,573
Omaha Public Power District	84,900	44,053	478,856	8,107,285	455,696	7,985,903
Subtotal Nebraska			**1,201,222**	**24,699,108**	**1,265,646**	**26,379,476**
Minnesota						
Minnesota Municipal Power Agency	0	0	8,008	148,622	35,061	644,398
So. Minn Muni Pwr Agency	0	0	4,250	133,993	82,751	1,627,189
Subtotal Minnesota			**12,258**	**282,615**	**117,812**	**2,271,587**
South Dakota						
Missouri River Energy Services	0	0	38,286	988,436	11,986	232,545
Heartland Consumer Power District	0	0	57,632	1,229,921	14,075	246,506
Subtotal South Dakota			**95,918**	**2,218,357**	**26,061**	**479,051**
Wisconsin						
Wisconsin Public Power, Inc.	0	0	5,499	121,585	24,726	373,805
Subtotal Wisconsin			**5,499**	**121,585**	**24,726**	**373,805**
Total public utility districts			**1,314,897**	**27,321,665**	**1,434,245**	**29,503,919**
Irrigation districts						
Montana						
Prairie County Water & Sewer District #2	688	0	1,678	25,074	985	19,117
Hammond Pump	240	0	527	7,340	407	6,355
Kinsey Irrigation District	720	0	2,085	5,212	1,756	4,391
Total Montana			**4,290**	**37,626**	**3,148**	**29,863**
Total irrigation districts			**4,290**	**37,626**	**3,148**	**29,863**
Investor-owned utilities						
Colorado						
Public Service Company of Colorado	0	0	135,943	10,825,230	5,752	138,288
Subtotal Colorado			**135,943**	**10,825,230**	**5,752**	**138,288**
Idaho						
Idaho Power Company	0	0	437,559	18,650,265	68,925	1,217,323
Subtotal Idaho			**437,559**	**18,650,265**	**68,925**	**1,217,323**
Iowa						
Midamerican Energy Company	0	0	30,183	920,646	57,762	1,262,962
Subtotal Iowa			**30,183**	**920,646**	**57,762**	**1,262,962**
Louisiana						
CLECO Corporation	0	0	0	0	16,028	382,030
Subtotal Louisiana			**0**	**0**	**16,028**	**382,030**
Minnesota						
Minnesota Power	0	0	52,157	1,170,919	370,044	7,650,481
Northern States Power Co.	0	0	107,637	2,547,794	528,536	11,973,790

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Otter Tail Power Company	0	0	103,708	2,463,298	144,982	3,263,278
Subtotal Minnesota			**263,502**	**6,182,011**	**1,043,562**	**22,887,549**
Missouri						
Kansas City Power & LIght	0	0	9,085	203,920	49,204	964,953
St. Joseph Light & Power Company	0	0	636	20,617	4,634	88,184
Utilicorp United	0	0	450,646	10,131,733	605,828	15,272,879
Subtotal Missouri			**460,367**	**10,356,270**	**659,666**	**16,326,016**
Montana						
Montana Power Company	0	0	2,216	67,129	187,790	3,675,929
PP&L Montana, LLC	0	0	115,584	7,402,490	0	0
Subtotal Montana			**117,800**	**7,469,619**	**187,790**	**3,675,929**
New Mexico						
Public Service of New Mexico	0	0	0	0	7,600	168,380
Subtotal New Mexico			**0**	**0**	**7,600**	**168,380**
North Dakota						
Montana-Dakota Utilities Co.	0	0	32,068	914,087	27,438	614,190
Subtotal North Dakota			**32,068**	**914,087**	**27,438**	**614,190**
Oregon						
PacifiCorp	0	0	84,441	1,875,925	135,011	2,616,214
Subtotal Oregon			**84,441**	**1,875,925**	**135,011**	**2,616,214**
South Dakota						
Northwestern Public Service Co.	0	0	31,263	1,114,122	50,981	1,175,903
Subtotal South Dakota			**31,263**	**1,114,122**	**50,981**	**1,175,903**
Washington						
Puget Sound Energy	0	0	0	0	30,328	719,646
Subtotal Washington			**0**	**0**	**30,328**	**719,646**
Wisconsin						
Madison Gas & Electric	0	0	225	4,575	17,029	277,233
Wisconsin Electric Power Company	0	0	0	0	3,950	61,800
Subtotal Wisconsin			**225**	**4,575**	**20,979**	**339,033**
Total investor-owned utilities			**1,593,351**	**58,312,750**	**2,311,822**	**51,523,463**
Power marketers						
Canada						
British Columbia Power Exchange	0	0	180,762	3,461,731	0	0
Powerex	0	0	0	0	139,792	2,410,244
Manitoba Hydro	0	0	12,531	270,643	47,469	699,002
Saskatchewan Power Company	0	0	157,604	2,634,557	51,580	769,952
Transalta Marketing Corporation	0	0	10,891	315,262	26,946	563,864
Subtotal Canada			**361,788**	**6,682,193**	**265,787**	**4,443,062**
Alabama						
Sonat Power Marketing Inc.	0	0	22,272	368,357	21,380	424,910
Subtotal Alabama			**22,272**	**368,357**	**21,380**	**424,910**
California						
Sempra Energy Trading Corp	0	0	4,850	129,750	21,380	424,910
Subtotal California			**4,850**	**129,750**	**21,380**	**424,910**
Colorado						
Rocky Mountain Generation Coop.	0	0	0	0	4,470	117,725
Subtotal Colorado			**0**	**0**	**4,470**	**117,725**
Florida						
The Energy Authority	0	0	135,962	3,722,769	64,758	1,715,326
Subtotal Florida			**135,962**	**3,722,769**	**64,758**	**1,715,326**
Iowa						
Alliant Services Company	0	0	192,528	4,350,403	175,377	3,533,747
Subtotal Iowa			**192,528**	**4,350,403**	**175,377**	**3,533,747**

 Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Georgia						
Southern Company Energy Marketing	0	0	6,602	189,139	0	0
Subtotal Georgia			**6,602**	**189,139**	**0**	**0**
Maryland						
Constellation Power Source	0	0	20,647	474,452	0	0
Subtotal Maryland			**20,647**	**474,452**	**0**	**0**
Minnesota						
Cargill-Alliant	0	0	402,842	9,006,173	230,721	3,870,116
MAPPCOR	0	0	0	520,710	0	0
Northern/AES	0	0	30,752	626,925	50,520	1,081,873
Split Rock Energy	0	0	30,225	903,008	0	0
Subtotal Minnesota			**463,819**	**11,056,816**	**281,241**	**4,951,989**
Missouri						
Ameren			0	0	52	1,872
Aquila Power	0	0	444,863	11,926,746	363,810	9,475,923
Associated Electric Schedule Trans.	0	0	49,209	1,355,408	51,146	833,400
Western Resources	0	0	104,637	2,931,033	91,327	2,753,694
Subtotal Missouri			**598,709**	**16,213,187**	**506,335**	**13,064,889**
Nebraska						
Conagra Energy Services	0	0	0	0	33,967	720,286
Subtotal Nebraska			**0**	**0**	**33,967**	**720,286**
North Dakota						
Rainbow Energy Marketing Corp.	0	0	54,833	1,402,210	41,135	830,275
Subtotal North Dakota			**54,833**	**1,402,210**	**41,135**	**830,275**
Oregon						
PacifiCorp Power Marketing, Inc.	0	0	0	0	24,740	676,870
Subtotal Oregon			**0**	**0**	**24,740**	**676,870**
Texas						
Coral Power	0	0	4,955	81,697	9,588	125,047
El Paso Merchant Energy	0	0	35,018	724,081	0	0
Engage Energy	0	0	11,771	306,782	0	0
Enron Power Marketing Group	0	0	31,112	853,654	28,372	816,877
Entergy Power Marketing	0	0	19,693	344,170	0	0
Reliant Energy Services	0	0	4,774	95,457	10,314	375,980
Tenaska Power Services Co.			117,672	2,450,132	108,258	1,491,269
Subtotal Texas			**224,995**	**4,855,973**	**156,532**	**2,809,173**
Wisconsin						
Gen-sys Energy	0	0	6,115	98,634	0	0
Subtotal Wisconsin			**6,115**	**98,634**	**0**	**0**
Total power marketers			**2,093,120**	**49,543,883**	**1,575,722**	**33,288,252**
Pick-Sloan Missouri Basin Program — Eastern Division subtotal			**12,917,993**	**256,487,730**	**13,160,178**	**232,624,711**
Project use sales			42,275	146,517	31,005	112,948
Pick-Sloan Missouri Basin Program — Eastern Division subtotal			**12,960,268**	**256,634,247**	**13,191,183**	**232,737,659**
Interproject						
Colorado						
Loveland Area Projects			101,254	3,471,278	131,051	2,496,787
Subtotal Colorado			**101,254**	**3,471,278**	**131,051**	**2,496,787**
Utah						
Salt Lake City Area/Integrated Projects			0	0	3,244	71,577
Subtotal Utah			**0**	**0**	**3,244**	**71,577**
Total interproject sales			**101,254**	**3,471,278**	**134,295**	**2,568,364**

Continued on next page.

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Power Sales and Revenue, cont.

Customer	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Pick Sloan Missouri Basin Program — Eastern Division totals [2]			**13,061,522**	**260,105,525**	**13,325,478**	**235,306,023**

[1] Allocation was transferred to individual distribution coops in December 1998.
[2] These totals include Joint Marketing Plan Sales of 1,245,221 MWh and $22,808,107 for FY99 and 1,955,727 MWh and $41,289,280 for FY 2000.

Status of Repayment

Cumulative activities as of Sept. 30, 2000

(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments	Annual 2000	Cumulative 2000
Revenue:				
Gross operating revenue	5,146,105	33,354	349,423 [2]	5,528,882
Income transfers (net)	2,700	0	0	2,700
Total Operating Revenue	**5,148,805**	**33,354**	**349,423**	**5,531,582**
Expenses:				
O & M and other	2,299,385	(7,011)	144,201	2,436,575
Purchase power and other	468,050	41,418	85,215 [2]	594,683
Interest				
Federally financed	1,267,892	2,833	55,236	1,325,961
Non-Federally financed	11,028	0	2,733	13,761
Total Interest	**1,278,920**	**2,833**	**57,969**	**1,339,722**
Total Expense	**4,046,355**	**37,240**	**287,385**	**4,370,980**
Investment:				
Federally financed power	2,271,825	(92,527)	22,590	2,201,888
Non-Federally financed power	25,023	0	0	25,023
Nonpower	733,798	31,058	0	764,856
Total Investment	**3,030,646**	**(61,469)**	**22,590**	**2,991,767**
Investment repaid:				
Federally financed power	1,099,845	(3,886)	61,928	1,157,887
Non-Federally financed power	340	0	110	450
Nonpower	2,265	0	0	2,265
Total Investment repaid	**1,102,450**	**(3,886)**	**62,038**	**1,160,602**
Investment unpaid:				
Federally financed power	1,171,980	(88,641)	(39,338)	1,044,001
Non-Federally financed power	24,683	0	(110)	24,573
Nonpower	731,533	31,058	0	762,591
Total Investment unpaid	**1,928,196**	**(57,583)**	**(39,448)**	**1,831,165**
Percent of investment repaid to date:				
Federal	48.41%			52.59%
Non-Federal	1.36%			1.80%
Nonpower	0.31%			0.30%

[1] This column ties to the cumulative FY 1999 numbers on page 125 of the 1999 Operations Summary.
[2] Based on data reported in the 2000 Power Repayment Study.

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Salt Lake City Area/Integrated Projects

Power generated at Colorado River Storage Project plants and from the Collbran and Rio Grande projects was combined into the Salt Lake City Area/Integrated Projects on Oct. 1, 1987, and is marketed under the Post-1989 General Power Marketing and Allocation Criteria, developed in 1986 and modified in 1989.

Collbran Project

The Collbran Project, located in west-central Colorado about 35 miles northeast of Grand Junction near the town of Collbran, was authorized by Congress on July 3, 1952. Construction of the project started in 1957 and was essentially completed in 1962.

Collbran developed a major part of the unused water of Plateau Creek and its principal tributaries for irrigation, flood control, recreational and fish and wildlife benefits. It includes several small diversion dams, 34 miles of canals, 19 miles of pipeline and two powerplants (Upper and Lower Molina) with a combined capacity of 14 MW. Net generation in 2000 was 39 million kWh. The five-year average generation is 49 million kWh.

Rio Grande Project

The Rio Grande Project was authorized by the Rio Grande Reclamation Project Act of Feb. 25, 1905. The project is located on the Rio Grande River in south-central New Mexico. Elephant Butte Dam, 125 miles north of El Paso, Texas, was completed in 1916. Caballo Dam, a flood control and reregulating reservoir, located 13 miles downstream, was added to the project in 1938.

Elephant Butte Powerplant and the 115-kV transmission system were added in 1940 and 1952, respectively. The transmission system was sold to Plains Electric Generation and Transmission Cooperative in 1979. Hot Springs Substation was sold to Truth or Consequences, N.M., in 1984. The three-unit powerplant has an operating capacity of 28 MW.

Elephant Butte Powerplant produced 2000 net generation of 92 million kWh. The five-year average is 105 million kWh.

Colorado River Storage Project

The Colorado River Storage Project was authorized by the Act of April 11, 1956. It consists of four major storage units: Glen Canyon, on the Colorado River in Arizona near the Utah border; Flaming Gorge on the Green River in Utah near the Wyoming border; Navajo, on the San Juan River in northwestern New Mexico near the Colorado border; and the Wayne N. Aspinall unit (formerly Curecanti), on the Gunnison River in west-central Colorado.

CRSP has a combined storage capacity that exceeds 33.5 million acre-feet. The project provides water-use developments in the upper Colorado River basin while still maintaining water deliveries to the lower Colorado River as required by the Colorado River Compact. Six Federal powerplants are associated with the project. Operating capacity of CRSP's 16 generating units is 1,710,000 kW. With about 7.4 billion kWh of net generation for the past five years, CRSP provides for the electrical needs of more than a million people spread across Colorado, Utah, New Mexico and Arizona. Portions of southern California, Nevada and Wyoming are also served by CRSP power. More than 4,131 circuit kilometers of high-voltage transmission lines are strung throughout these states to deliver power to customers.

Runoff at Lake Powell was 62 percent of average in FY 2000. Reclamation's releases from Lake Powell were 7.3 million acre-feet, exceeding the minimum objective release obligation of 8.23 MAF. CRSP hydrogeneration produced approximately 6,287,531 MWh in FY 2000.

Continued on next page.

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- ## *Seedskadee Project*

The Seedskadee Project is located in southwestern Wyoming in the Upper Green River Basin, which is a part of the Upper Colorado River Basin. Seedskadee was authorized for construction as a participating project of the Colorado River Storage Project by the Colorado River Storage Project Act of April 11, 1956.

The project's Fontenelle Dam and Reservoir were completed in April 1964. Power facilities associated with the dam were completed in January 1966. These included a 10-megawatt powerplant and switchyard at Fontenelle Dam and necessary transmission lines to interconnect with the Colorado River Storage Project transmission system at Flaming Gorge Powerplant. The powerplant has since been uprated to 11.5 MW. Fontenelle powerplant came online in 1968.

The authorizing legislation required that power's share of the project's allocated costs be repaid from power revenues from Fontenelle powerplant. For this reason, the Bureau of Reclamation prepared a separate financial statement and power repayment study for Seedskadee through 1977. However, when the facilities were turned over to Western in 1978, Seedskadee's power repayment study was combined into the CRSP PRS.

A re-examination of CRSP's enabling legislation in FY 1991 resulted in Western's realization that Congress intended each CRSP participating project to be financially self-sufficient. Beginning in 1993, Western resumed preparing a separate PRS and financial statements for Seedskadee, including making adjustments to CRSP revenues, expenses and capitalization to separate Seedskadee's financial data from CRSP. Net generation in FY 2000 was 63 million kWh. The five-year average generation is 72 million kWh.

- ## *Dolores Project*

The Dolores Project, located in Montezuma and Dolores counties in southwestern Colorado, was authorized for construction as a participating project of the Colorado River Storage Project by Public Law 90-537, Sept. 30, 1968; and Public Law 98-569, Oct. 30, 1984. Construction of the project began in 1977. This multipurpose project provides 12.8 MW of installed power generating capacity along with municipal and industrial water, irrigation water, and recreation and fish and wildlife enhancement. Primary storage is provided by the McPhee Dam and Reservoir on the Dolores River.

Powerplants are located on the McPhee Dam and the Towaoc Canal to generate power for the Colorado River Storage Project power system. The McPhee Dam powerplant operates year-round on fishery releases from McPhee Reservoir while the Towaoc Canal powerplant operated from April to October on the irrigation water supply conveyed through the canal. The powerplants at McPhee Dam, completed in 1992 and on the Towaoc Canal, completed in 1993, produce 1,283 kW and 11,495 kW, respectively, for use in the CRSP power system. Net generation in FY 2000 was 30 million kWh. The five-year average generation is 20 million kWh.

Similar to the Seedskadee Project, the authorizing legislation requires that power's share of the project's allocated costs be repaid from power revenues from the two Dolores powerplants.

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Salt Lake City Area/Integrated Projects

Generation from the Colorado River Storage and its participating projects (Dolores and Seedskadee), and from the Collbran and Rio Grande projects, are marketed as the Salt Lake City Area/Integrated Projects. Integrated Projects FY 2000 net generation was 6.2 billion kWh, or 1 percent less than average net generation. Average generation for the integrated projects since 1989 is about 6.4 billion kWh.

SLCA/IP power marketed by Western decreased by 1 percent from 8.7 billion kWh in FY 1999 to 7.7 billion kWh in FY 2000. This year, power revenues increased by 8 percent from $143 million in FY 1999 to $154 million. However, Western was required to purchase 2,026,166 MWh to supplement firm contractual requirements and other obligations—a 48-percent increase from the 1,089,486 MWh purchased last year.

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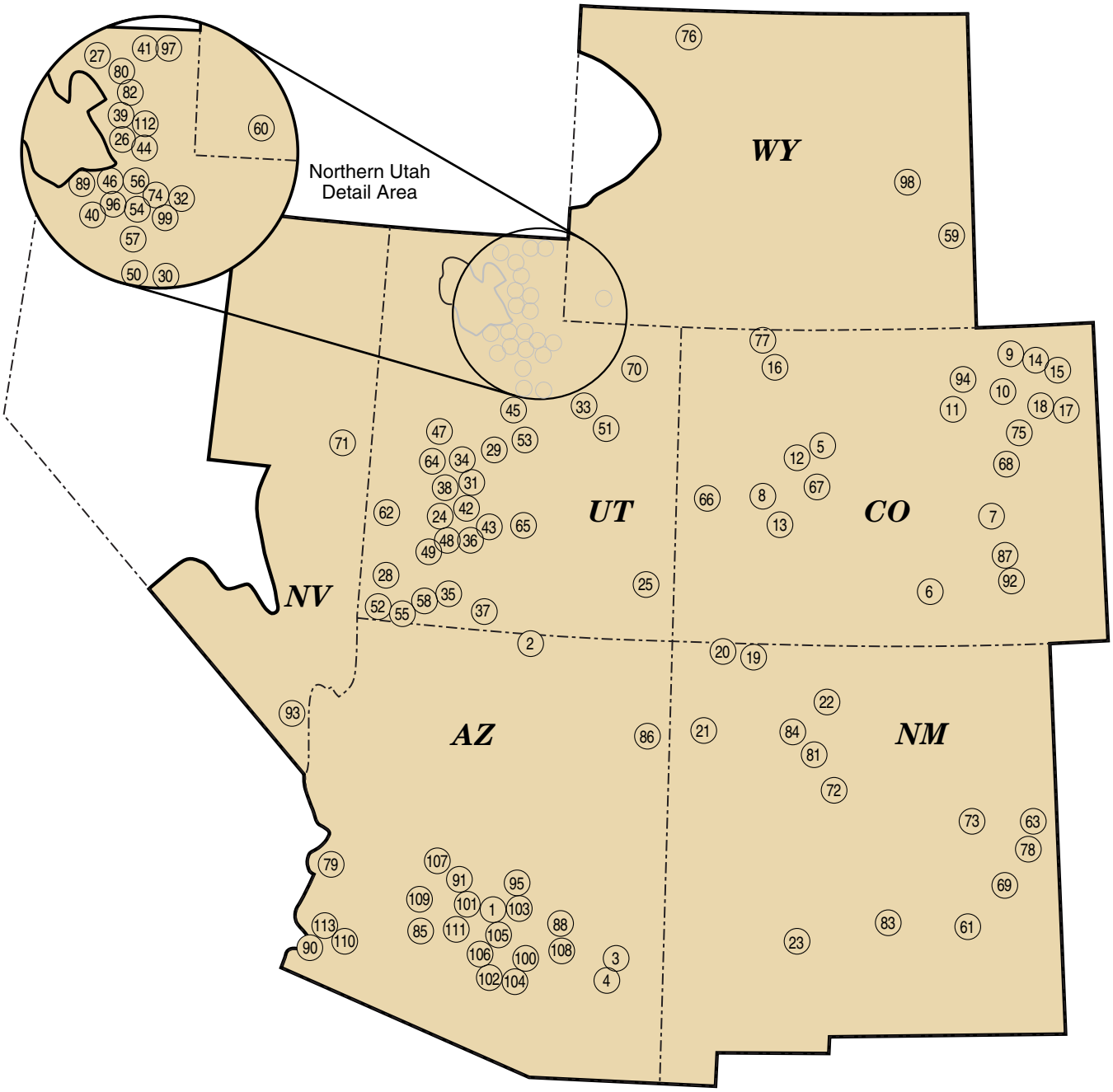
Salt Lake City Area/Integrated Projects

Firm Power Customers and Marketing Area



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Muncipalities

Arizona
1 Ak-Chin Indian Community
2 Page—UAMPS
3 Safford
4 Thatcher

Colorado
5 Aspen
6 Center
7 Colorado Springs
8 Delta
9 Fleming
10 Fort Morgan
11 Frederick
12 Glenwood Springs
13 Gunnison
14 Haxtun
15 Holyoke
16 Oak Creek
17 Wray
18 Yuma

New Mexico
19 Aztec
20 Farmington
21 Gallup
22 Los Alamos County
23 Truth or Consequences

Utah
24 Beaver City—UAMPS
25 Blanding—UAMPS
26 Bountiful—UAMPS
27 Brigham City
28 Enterprise—UAMPS
29 Ephraim—UAMPS
30 Fairview—UAMPS
31 Fillmore—UAMPS
32 Heber City—UAMPS
33 Helper
34 Holden—UAMPS
35 Hurricane—UAMPS
36 Hyrum—UAMPS
37 Kanab—UAMPS
38 Kanosh—UAMPS
39 Kaysville—UAMPS
40 Lehi—UAMPS
41 Logan—UAMPS
42 Meadow—UAMPS
43 Monroe—UAMPS
44 Morgan—UAMPS
45 Mt. Pleasant—UAMPS
46 Murray—UAMPS
47 Oak City—UAMPS
48 Paragonah—UAMPS
49 Parowan—UAMPS
50 Payson—UAMPS
51 Price
52 Santa Clara—UAMPS
53 Spring City—UAMPS
54 Springville—UAMPS
55 St. George—UAMPS
56 Utah Association of Municipal Power Systems
57 Utah Municipal Power Agency
58 Washington—UAMPS

Wyoming
59 Torrington

Rural electric cooperatives
60 Bridger Valley E.A.
61 Central Valley Electric Coop.
62 Dixie-Escalante REA
63 Farmers Electric Coop
64 Flowell E.A.
65 Garkane Power Assn.
66 Grand Valley Electric Coop.
67 Holy Cross
68 Intermountain Rural Electric Coop.
69 Lea County Electric Coop.
70 Moon Lake E.A.
71 Mt. Wheeler Power Assn.
72 Plains Electric G&T
73 Roosevelt County Electric Coop.
74 Strawberry Water Users District—UAMPS
75 Tri-State G&T Assn.
76 Willwood Light & Power Co.
77 Yampa Valley Elec. Assn.

Federal agencies
78 Cannon Air Force Base
79 Colorado River Agency
80 Defense Depot Ogden
81 Albuquerque Operations—DOE
82 Hill Air Force Base
83 Holloman Air Force Base
84 Kirtland Air Force Base
85 Luke Air Force Base
86 Navajo Tribal Utility Auth.
87 Pueblo Army Depot
88 San Carlos Irrigation Project
89 Tooele Army Depot
90 Yuma Proving Grounds

State agencies
91 Arizona Power Pool Assn.
92 Arkansas River Power Authority
93 Colorado River Commission
94 Platte River Power Authority
95 Salt River Project
96 University of Utah
97 Utah State University
98 Wyoming Municipal Power Agency

Irrigation districts
99 Central Utah Water Conservancy Dist.—UAMPS
100 Chandler Heights Citrus Irrigation Dist.
101 ED-3 Pinal
102 ED-4 Pinal
103 ED-5 Maricopa
104 ED-5 Pinal
105 ED-6 Pinal
106 ED-7
107 Maricopa Co. MWCD No.1
108 Queen Creek ID
109 Roosevelt ID
110 Roosevelt WCD
111 San Tan ID
112 Weber Basin Water Conservancy District—UAMPS
113 Wellton-Mohawk ID

Note: Does not include interproject and Bureau of Reclamation customers.

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Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resources		
Net generation	6,138	7,336
Interchange		
Received	433	137
Delivered	168	85
Net	265	52
Purchases		
NonWestern	2,001	947
Western	25	143
Total purchases	2,026	1,090
Total energy resources	**8,429**	**8,478**
Energy disposition		
Sales of electric energy		
Western sales	7,627	8,069
Project use sales	83	60
Total energy sales	7,710	8,129
Other		
Interproject sales	60	185
Operating energy account	318	0
Total other	378	185
Total energy delivered	**8,088**	**8,314**
System and contractual losses	341	164
Total energy disposition	**8,429**	**8,478**

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	25	25
Number of transformers	38	38
Transformer capacity (kVA)	4,927,895	4,927,895
Land (fee)		
Acres	695.55	679.61
Hectares	281.60	275.15
Land (easement)		
Acres	251.08	513.53
Hectares	101.65	207.91
Land (withdrawal)		
Acres	129.00	129.00
Hectares	52.23	52.23
Buildings and communications sites		
Number of buildings	72	77
Number of Communications sites	65	65
Land (fee)		
Acres	3.13	2.20
Hectares	1.27	0.89
Land (easement)		
Acres	42.42	114.14
Hectares	17.17	46.21

Transmission Lines

	Arizona		Colorado		New Mexico		Utah		Wyoming		Total	
Voltage rating	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999
345-kV												
Circuit miles	477.34	477.34	375.58	375.58	31.86	31.86	17.60	17.60	0.00	0.00	902.38	902.38
Circuit kilometers	768.04	768.04	604.31	604.31	51.26	51.26	28.32	28.32	0.00	0.00	1,451.93	1,451.93
Acres	8,413.77	8,413.77	7,166.78	7,166.78	579.39	579.39	308.17	308.17	824.42	824.42	17,292.53	17,292.53
Hectares	3,406.39	3,406.39	2,901.54	2,901.54	234.57	234.57	124.77	124.77	333.77	333.77	7,001.04	7,001.04
230-kV												
Circuit miles	155.96	155.96	791.78	791.78	67.39	67.39	0.00	0.00	0.00	0.00	1,015.13	1,015.13
Circuit kilometers	250.94	250.94	1,273.97	1,273.97	108.43	108.43	0.00	0.00	0.00	0.00	1,633.34	1,633.34
Acres	2,783.97	2,783.97	7,812.48	7,683.77	1,006.98	1,006.98	0.00	0.00	1,359.54	1,359.54	12,962.97	12,834.26
Hectares	1,127.12	1,127.12	3,162.95	3,110.84	407.69	407.69	0.00	0.00	550.42	550.42	5,248.18	5,196.07
138-kV												
Circuit miles	0.00	0.00	188.57	188.57	0.00	0.00	116.80	116.80	0.00	0.00	305.37	305.37
Circuit kilometers	0.00	0.00	303.41	303.41	0.00	0.00	187.93	187.93	0.00	0.00	491.34	491.34
Acres	0.00	0.00	1,901.24	1,901.24	0.00	0.00	1,089.52	1,089.52	0.00	0.00	2,990.76	2,990.76
Hectares	0.00	0.00	769.73	769.73	0.00	0.00	441.10	441.10	0.00	0.00	1,210.84	1,210.84
115-kV												
Circuit miles	0.00	0.00	134.20	134.20	0.00	0.00	0.00	0.00	0.00	0.00	134.20	134.20
Circuit kilometers	0.00	0.00	215.93	215.93	0.00	0.00	0.00	0.00	0.00	0.00	215.93	215.93
Acres	0.00	0.00	1,199.10	1,199.10	0.00	0.00	0.00	0.00	0.00	0.00	1,199.10	1,199.10
Hectares	0.00	0.00	485.47	485.47	0.00	0.00	0.00	0.00	0.00	0.00	485.47	485.47
69-kV and below												
Circuit miles	5.36	5.36	22.80	22.80	2.70	2.70	0.32	0.32	0.00	0.00	31.18	31.18
Circuit kilometers	8.62	8.62	36.69	36.69	4.34	4.34	0.51	0.51	0.00	0.00	50.17	50.17
Acres	203.02	206.81	192.76	186.72	12.44	12.44	21.67	21.67	0.00	0.00	429.89	427.64
Hectares	82.19	83.73	78.04	75.60	5.04	0.00	8.77	8.77	0.00	0.00	174.04	168.09
Totals												
Circuit miles	638.66	638.66	1,512.93	1,512.93	101.95	101.95	134.72	134.72	0.00	0.00	2,388.26	2,388.26
Circuit kilometers	1,027.60	1,027.60	2,434.30	2,434.30	164.04	164.04	216.76	216.76	0.00	0.00	3,842.71	3,842.71
Acres	11,400.76	11,404.55	18,272.36	18,137.61	1,598.81	1,598.81	1,419.36	1,419.36	2,183.96	2,183.96	34,875.25	34,744.29
Hectares	4,615.70	4,617.24	7,397.73	7,343.18	647.29	642.26	574.64	574.64	884.20	884.20	14,119.57	14,061.51

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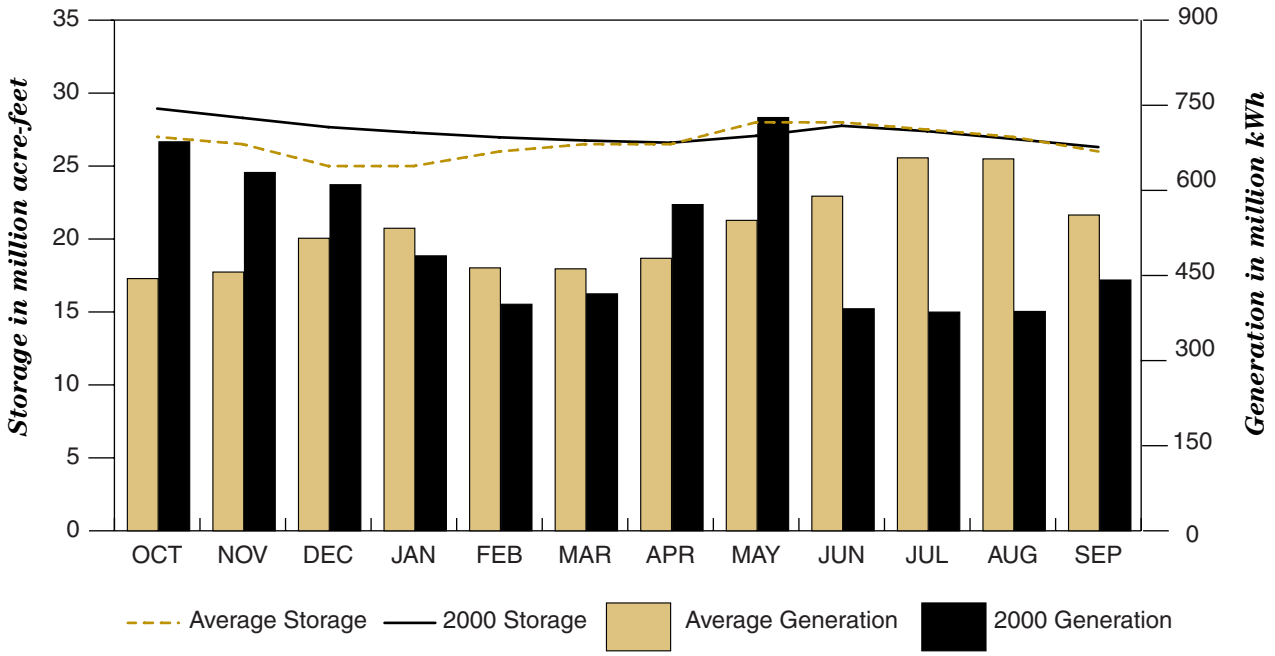
Storage and Generation



Firm Power Rate Provisions

	Monthly Rate				
Fiscal year	Rate schedule designation	Capacity charge ($/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	SLIP-F6	$3.4	8.10 mills/kWh	4/1/98	17.57 mills/kWh

Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2000	SP-PTP5, Firm Point-to-Point Transmission Service	$2.18 per kW per month
	SP-NFT4, Nonfirm Point-to-Point Transmission Service	Mutually agreed by Western and purchasing entity up to 2.99 mills/kWh
	SP-SD1, Scheduling System Control & Dispatch	Included in transmission rate. RM and DSW tariffs apply for non-transmission, accordingly
	SP-RSI, Reactive & Voltage Control	RM and DSW tariffs apply, accordingly
	SP-EI1, Energy Imbalance	Costs plus 10%
	SP-FRI, Regulation & Frequency Response	$3.44 per kW per month if available—or costs plus 10%
	SP-SSR1, Spinning and Supplemental Reserves	Costs plus 10%, firm power rate if available

Marketing Plan Summary

Project	Expiration date
Salt Lake City Area Integrated Projects	Sept. 30, 2024

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Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation (GWh) [2] FY 2000	Net generation (GWh) [2] FY 1999
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 64	8	1,356	1,296	1,296	4,600	5,548
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 67	2	96	86	86	279	269
Crystal	Reclamation	Gunnison	Sep 78	1	28	28	28	182	164
Lower Molina	Reclamation	Pipeline	Dec 62	1	5	5	5	14	18
McPhee	Reclamation	Dolores	Jun 93	1	1	1	1	6	4
Morrow Point	Reclamation	Gunnison	Dec 70	2	165	165	165	358	324
Towaoc	Reclamation	Canal	Jun 93	1	11	11	11	23	18
Upper Molina	Reclamation	Pipeline	Dec 62	1	9	9	9	25	30
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 40	3	28	28	28	92	102
Utah									
Flaming Gorge	Reclamation	Green	Nov 63	3	152	152	152	495	781
Wyoming									
Fontenelle	Reclamation	Green	May 68	1	13	10	10	64	76
Salt Lake City Area/Integrated Projects total				**24**	**1,864**	**1,792**	**1,792**	**6,138**	**7,336**

[1] 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.

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

Firm and Nonfirm Energy Sales by Customer Category

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Municipalities						
Energy sales - MWh	1,837,094	71,999	1,909,093	1,978,996	11,923	1,990,919
Power revenues - $	29,827,302	2,373,413	32,200,715	32,774,392	294,850	33,069,242
Cooperatives						
Energy sales - MWh	2,847,252	62,587	2,909,839	3,188,921	228,717	3,417,638
Power revenues - $	48,248,107	1,584,502	49,832,609	51,350,781	4,043,877	55,394,658
Federal agencies						
Energy sales - MWh	548,209	5,634	553,843	636,100	4,573	640,673
Power revenues - $	8,868,369	159,462	9,027,831	10,461,743	84,748	10,546,491
State agencies						
Energy sales - MWh	1,339,559	98,239	1,437,798	1,630,537	266,855	1,897,392
Power revenues - $	21,564,559	3,744,512	25,309,071	26,018,412	4,940,851	30,959,263
Public utility districts						
Energy sales - MWh	0	300	300	0	0	0
Power revenues - $	0	11,700	11,700	0	0	0
Irrigation districts						
Energy sales - MWh	45,771	4,689	50,460	101,341	180	101,521
Power revenues - $	722,732	58,915	781,647	1,514,864	8,640	1,523,504
Investor-owned utilities						
Energy sales - MWh	0	602,721	602,721	0	371,451	371,451
Power revenues - $	0	21,601,546	21,601,546	0	5,090,000	5,090,000
Power marketers						
Energy sales - MWh	0	163,292	163,292	0	25,782	25,782
Power revenues - $	0	7,243,074	7,243,074	0	496,278	496,278
Total [1]						
Energy sales - MWh	6,617,885	1,009,461	7,627,346	7,535,896	909,481	8,445,377
Power revenues - $	109,231,069	36,777,123	146,008,193	122,120,192	14,959,244	137,079,436

[1] Does not include interdepartmental, interproject or project use sales and revenues.

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Firm and Nonfirm Energy Sales by State

Type of customer	FY 2000 Firm	FY 2000 Nonfirm	FY 2000 Total	FY 1999 Firm	FY 1999 Nonfirm	FY 1999 Total
Arizona						
Energy sales - MWh	897,076	174,791	1,071,867	1,177,077	385,604	1,562,681
Power revenues - $	14,238,083	6,131,876	20,369,959	18,639,023	7,207,791	25,846,814
California						
Energy sales - MWh	0	150,310	150,310	0	7,517	7,517
Power revenues - $	0	6,271,808	6,271,808	0	181,925	181,925
Canada						
Energy sales - MWh	0	6,588	6,588	0	15,131	15,131
Power revenues - $	0	150,009	150,009	0	246,017	246,017
Colorado						
Energy sales - MWh	2,466,349	175,203	2,641,552	2,754,586	67,135	2,821,721
Power revenues - $	40,945,572	4,645,586	45,591,158	43,360,779	964,910	44,325,689
Connecticut						
Energy sales - MWh	0	2,692	2,692	0	0	0
Power revenues - $	0	269,209	269,209	0	0	0
Georgia						
Energy sales - MWh	0	400	400	0	0	0
Power revenues - $	0	12,800	12,800	0	0	0
Idaho						
Energy sales - MWh	0	23,088	23,088	0	8,817	8,817
Power revenues - $	0	1,704,109	1,704,109	0	123,927	123,927
Kansas						
Energy sales - MWh	0	4,512	4,512	0	0	0
Power revenues - $	0	97,008	97,008	0	0	0
Massachusetts						
Energy sales - MWh	0	0	0	0	200	200
Power revenues - $	0	0	0	0	3,200	3,200
Minnesota						
Energy sales - MWh	0	4,313	4,313	0	0	0
Power revenues - $	0	133,024	133,024	0	0	0
Missouri						
Energy sales - MWh	0	1,620	1,620	0	536	536
Power revenues - $	0	97,247	97,247	0	18,538	18,538
Montana						
Energy sales - MWh	0	36,609	36,609	0	59,737	59,737
Power revenues - $	0	1,797,292	1,797,292	0	538,355	538,355
Nebraska						
Energy sales - MWh	0	6,788	6,788	0	962	962
Power revenues - $	0	435,264	435,264	0	25,930	25,930
Nevada						
Energy sales - MWh	219,268	21,979	241,247	352,426	5,777	358,203
Power revenues - $	3,690,330	823,355	4,513,685	6,268,859	141,276	6,410,135
New Mexico						
Energy sales - kWh(000)	1,121,305	295,694	1,416,999	1,206,371	234,412	1,440,783
Power revenues - $	18,954,921	8,594,825	27,549,746	19,866,537	3,797,355	23,663,892
North Dakota						
Energy sales - kWh(000)	0	218	218	0	0	0
Power revenues - $	0	11,138	11,138	0	0	0
Ohio						
Energy sales - MWh	0	4,219	4,219	0	0	0
Power revenues - $	0	126,425	126,425	0	0	0
Texas						
Energy sales - MWh	0	17,229	17,229	0	4,480	4,480
Power revenues - $	0	777,517	777,517	0	142,160	142,160
Utah						
Energy sales - MWh	1,832,552	83,196	1,915,748	1,949,233	119,173	2,068,406
Power revenues - $	30,034,883	4,698,036	34,732,919	32,404,027	1,567,860	33,971,887
Wyoming						
Energy sales - MWh	81,335	12	81,347	96,203	0	96,203
Power revenues - $	1,367,281	595	1,367,876	1,580,967	0	1,580,967
Total [1]						
Energy sales - MWh	6,617,885	1,009,461	7,627,346	7,535,897	909,481	8,445,378
Power revenues - $	109,231,069	36,777,123	146,008,193	122,120,192	14,959,244	137,079,436

[1] Does not include project use, interdepartmental or interproject sales and revenues.

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Sales by State and Customer Category

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Arizona				
Municipalities	25,129	398,955	33,335	579,901
Cooperatives	55,645	981,455	95,388	1,836,107
Federal agencies	357,246	5,407,918	435,625	6,661,830
State agencies	537,384	10,708,357	870,532	14,735,133
Irrigation districts	45,771	722,732	101,341	1,514,864
Investor-owned utilities	50,692	2,150,541	26,460	518,980
Interproject sales	365	16,563	22,039	469,603
Total Arizona	**1,072,232**	**20,386,521**	**1,584,720**	**26,316,417**
California				
Municipalities	14,274	210,917	500	14,000
State agencies	3,099	308,409	6,837	159,285
Public utility districts	300	11,700	0	0
Irrigation districts	326	13,270	180	8,640
Power marketers	132,311	5,727,513	0	0
Total California	**150,310**	**6,271,808**	**7,517**	**181,925**
Colorado				
Municipalities	336,244	6,124,098	416,434	7,182,501
Cooperatives	1,434,619	24,460,692	1,589,957	24,954,565
Federal agencies	7,602	175,034	6,864	159,628
State agencies	712,935	11,310,716	750,377	11,243,255
Investor-owned utilities	150,152	3,520,617	52,306	695,798
Power marketers	0	0	5,784	89,941
Interproject sales	59,693	6,054,570	163,031	4,681,838
Project use sales	40,400	763,168	24,472	585,756
Total Colorado	**2,741,645**	**52,408,896**	**3,009,224**	**49,593,282**
Connecticut				
Power marketers	2,692	269,209	0	0
Total Connecticut	**2,692**	**269,209**	**0**	**0**
Georgia				
Power marketers	400	12,800	0	0
Total Georgia	**400**	**12,800**	**0**	**0**
Idaho				
Investor-owned utilities	23,088	1,704,109	8,817	123,927
Total Idaho	**23,088**	**1,704,109**	**8,817**	**123,927**
Kansas				
Cooperatives	4,512	97,008	0	0
Total Kansas	**4,512**	**97,008**	**0**	**0**
Massachusetts				
Power marketers	0	0	200	3,200
Total Massachusetts	**0**	**0**	**200**	**3,200**
Minnesota				
Power marketers	4,313	133,024	0	0
Total Minnesota	**4,313**	**133,024**	**0**	**0**
Missouri				
Investor-owned utilities	1,620	97,247	536	18,538
Total Missouri	**1,620**	**97,247**	**536**	**18,538**
Montana				
Investor-owned utilities	36,609	1,797,292	59,737	538,355
Total Montana	**36,609**	**1,797,292**	**59,737**	**538,355**
Nebraska				
State agencies	2,226	58,467	775	10,970
Power marketers	4,562	376,797	187	14,960
Total Nebraska	**6,788**	**435,264**	**962**	**25,930**

Continued on next page.

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Sales by State and Customer Category, cont.

State/Type of customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Nevada				
Cooperatives	96,292	1,623,067	125,202	2,139,993
State agencies	122,976	2,067,263	227,224	4,128,866
Investor-owned utilities	21,979	823,355	5,777	141,276
Total Nevada	**241,247**	**4,513,685**	**358,203**	**6,410,135**
New Mexico				
Municipalities	213,942	3,582,194	209,866	3,484,716
Cooperatives	814,782	14,150,390	981,500	15,698,583
Federal agencies	144,017	2,814,838	147,100	2,911,526
Investor-owned utilities	244,258	7,002,324	102,317	1,569,067
Project use sales	41,474	691,815	33,998	551,449
Total New Mexico	**1,458,473**	**28,241,561**	**1,474,781**	**24,215,342**
North Dakota				
Cooperatives	218	11,138	0	0
Total North Dakota	**218**	**11,138**	**0**	**0**
Ohio				
Investor-owned utilities	4,219	126,425	0	0
Total Ohio	**4,219**	**126,425**	**0**	**0**
Texas				
Investor-owned utilities	4,803	203,795	0	0
Power marketers	12,426	573,722	4,480	142,160
Total Texas	**17,229**	**777,517**	**4,480**	**142,160**
Utah				
Municipalities	1,312,426	21,760,675	1,295,958	21,266,863
Cooperatives	456,746	7,728,905	568,919	9,817,589
Federal agencies	44,978	630,041	51,084	813,506
State agencies	31,934	391,813	36,943	589,869
Irrigation districts	4,363	45,645	0	0
Investor-owned utilities	65,301	4,175,841	115,501	1,484,059
Project use sales	960	19,952	2,023	20,579
Total Utah	**1,916,708**	**34,752,871**	**2,070,429**	**33,992,465**
Wyoming				
Municipalities	7,078	123,876	10,732	171,497
Cooperatives	47,025	779,954	56,672	947,820
State agencies	27,244	464,047	28,800	461,650
Total Wyoming	**81,347**	**1,367,876**	**96,203**	**1,580,967**
Canada				
Power marketers	6,588	150,009	15,131	246,017
Total Canada	**6,588**	**150,009**	**15,131**	**246,017**
Total Salt Lake City Area Integrated Projects				
Municipalities	1,909,093	32,200,715	1,966,825	32,699,477
Cooperatives	2,909,839	49,832,609	3,417,638	55,394,658
Federal agencies	553,843	9,027,831	640,673	10,546,491
State agencies	1,437,798	25,309,071	1,921,487	31,329,028
Public utility districts	300	11,700	0	0
Irrigation districts	50,460	781,647	101,521	1,523,504
Investor-owned utilities	602,721	21,601,546	371,451	5,090,000
Power marketers	163,292	7,243,074	25,782	496,278
Interproject sales	60,058	6,071,133	185,070	5,151,441
Project use sales	82,834	1,474,935	60,493	1,157,784
Total	**7,770,238**	**153,554,260**	**8,690,941**	**143,388,660**

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Top 5 Customers in Firm Energy Sales

Rank	Customer	(MWh)	Percent of firm sales
1	Tri-State Generation and Transmission Assoc.	1,267,154	19.1
2	Utah Associated Municipal Power	770,906	11.6
3	Plains Electric G&T	720,950	10.9
4	Platte River Power Authority	694,522	10.5
5	Utah Municipal Power Association	467,687	7.1
	Total	**3,921,219**	**59.3**

Top 5 Customers in Firm Energy Revenue

Rank	Customer	($)	Percent of firm revenue
1	Tri-State Generation and Transmission Assoc.	21,749,220	19.9
2	Utah Associated Municipal Power	13,413,336	12.3
3	Plains Electric G&T	12,445,009	11.4
4	Platte River Power Authority	10,989,073	10.1
5	Utah Municipal Power Association	6,863,818	6.3
	Total	**65,460,456**	**59.9**

Top 5 Customers in Nonfirm Energy Sales

Rank	Customer	(MWh)	Percent of nonfirm sales
1	Public Service Company of New Mexico	244,258	24.2
2	Public Service Company of Colorado	150,152	14.9
3	California Power Exchange	132,311	13.1
4	Salt River Project	92,522	9.2
5	PacifiCorp	65,301	6.5
	Total	**619,243**	**61.3**

Top 5 Customers in Nonfirm Energy Revenue

Rank	Customer	($)	Percent of nonfirm revenues
1	Public Service Company of New Mexico	7,002,324	19.0
2	California Power Exchange	5,727,513	15.6
3	PacifiCorp	4,175,841	11.4
4	Public Service Company of Colorado	3,520,617	9.6
5	Salt River Project	3,357,711	9.1
	Total	**20,426,295**	**55.5**

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Purchased Power

Supplier	FY 2000 Energy (MWh)	FY 2000 Costs ($ 000)	FY 1999 Energy (MWh)	FY 1999 Costs ($ 000)
NonWestern suppliers				
Arizona Electric Power	430	25	0	0
Arizona Public Service Company	242,699	12,035	20,580	550
American Electric	7,855	311	560	12
Aquilla	17,076	752	650	39
Basin Electric Power Corp.	0	0	74,639	1,237
Black Hills	0	0	350	22
British Columbia Power Exchange	1,205	33	0	0
Burbank, Calif.	250	69	0	0
Cargill	471	28	0	0
Colorado Springs Utilities	7,031	510	702	20
Duke Energy Corp.	191,129	6,325	0	0
E-Prime	4,850	79	155,318	2,690
Energy Authority, The	2,791	170	0	0
Enron	165,538	16,006	4,400	132
Idaho Power	173,653	7,775	37,132	904
Los Angeles Dept. of Water and Power	1,370	127	0	0
Montana Power Company	6,170	261	57,086	1,379
Municipal Energy Agency of Nebraska	10,838	1,265	254	7
Nebraska Public Power District	70	6	1,820	86
Nevada Power Company	475	99	560	17
PacifiCorp	170,049	7,123	111,110	2,914
Pennsylvania Power & Light Montana	8,647	552	0	0
Plains Electric G&T	0	0	1,678	37
PECO Energy Co.	17,025	494	0	0
Public Service Company of Colorado	313,734	14,192	156,476	4,232
Platte River Power Authority	15,598	541	7,255	106
Public Service Company of New Mexico	271,890	11,551	105,791	2,949
Resource Management Services	13,003	506	0	0
Rocky Mountain Generation Coop	31,343	384	43,799	663
Salt River Project	78,553	5,188	88,921	2,357
Sempra	86,295	5,658	0	0
Southern Company Energy Marketing	400	12	0	0
Southwestern Public Service	56,900	2,845	0	0
Tri-State Generation and Transmission Assoc.	2,470	62	3,272	167
Tucson Electric Power Co.	445	18	16,272	426
Utah Associated Municipal Power Systems	10,077	291	13,200	335
Utah Municipal Power Agency	26,565	1,895	44,731	1,125
UtiliCorp/West Plains	64,430	1,530	190	5
NonWestern subtotal	**2,001,325**	**98,718**	**946,746**	**22,411**
Western Suppliers				
Parker-Davis Project [2]	24,841	1,651	139,496	3,355
Pick-Sloan—Eastern Division	0	0	3,244	72
Western subtotal	**24,841**	**1,651**	**142,740**	**3,427**
Total	**2,026,166**	**100,369** [1]	**1,089,486**	**25,838** [2]

[1] Purchase power costs for FY2000 differ from financial statements by approximately $6 million due to prior year adjustments, accruals, reclassifications and approximately $1.8 million Western replacement power not transferred to the Western replacement power Trust Fund. Also does not include $38,193 of purchases made under Interagency Agreement 99-SLC-0392.

[2] Excludes 24,160 MWh ($445,676) for Western replacement power.

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Purchased Transmission

Supplier	FY 2000 Costs ($000)	FY 1999 Costs ($000)
NonWestern suppliers		
Bridger Valley Electric	92	7
Delta-Montrose Electric Association	15	22
Deseret Generation and Transmission Assoc.	639	680
Empire Electric	118	109
Public Service Company of Colorado	540	526
PacifiCorp	2,038	2,628
Public Service Company of New Mexico	1,800	1,577
Tri-State Generation and Transmission Assoc.	2	3
Utah Associated Municipal Power Systems	1	0
West Plains Energy	4	5
Subtotal NonWestern suppliers	**5,249**	**5,557**
Western suppliers		
Pacific NW-SW Intertie	1,767	1,426
Subtotal Western suppliers	**1,767**	**1,426**
Total Salt Lake City Area Integrated Projects	**7,016** [1]	**6,983** [2]

[1] Purchase transmission costs listed here for FY00 differ from the financial statements by approximately $40,000 due to prior year adjustments, accruals and reclassifications.

[2] Purchase transmission costs listed here for FY99 differ from the financial statements by approximately $350,000 due to prior year adjustments, accruals and reclassifications.

Customers by State and Customer Category

State/Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Arizona								
Municipalities	3	0	0	3	3	0	0	3
Cooperatives	0	1	1	2	0	0	1	1
Federal agencies	4	1	1	6	4	1	0	5
State agencies	1	0	1	2	1	1	0	2
Irrigation districts	7	0	0	7	10	0	0	10
Investor-owned utilities	0	0	2	2	0	0	2	2
California								
Municipalities	0	0	3	3	0	0	1	1
State agencies	0	0	2	2	0	0	2	2
Public utility districts	0	0	1	1	0	0	0	0
Irrigation districts	0	0	1	1	0	0	1	1
Power marketers	0	0	1	1	0	0	0	0
Colorado								
Municipalities	13	1	0	14	14	1	0	15
Cooperatives	4	1	1	6	4	1	0	5
Federal agencies	1	0	0	1	1	0	0	1
State agencies	1	1	0	2	0	1	0	1
Investor-owned utilities	0	0	1	1	0	0	1	1
Power marketers	0	0	0	0	0	0	2	2
Connecticut								
Power marketers	0	0	1	1	0	0	0	0
Georgia								
Power marketers	0	0	1	1	0	0	0	0
Idaho								
Investor-owned utilities	0	0	1	1	0	0	1	1

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Customers by State and Customer Category

State/Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Kansas								
Cooperatives	0	0	1	1	0	0	0	0
Massachusetts								
Power marketers	0	0	0	0	0	0	1	1
Minnesota								
Power marketers	0	0	1	1	0	0	0	0
Missouri								
Investor-owned utilities	0	0	1	1	0	0	1	1
Montana								
Investor-owned utilities	0	0	2	2	0	0	1	1
Nebraska								
State agencies	0	0	1	1	0	0	2	2
Power marketers	0	0	1	1	0	0	1	1
Nevada								
Cooperatives	1	0	0	1	1	0	0	1
State agencies	1	0	0	1	1	0	0	1
Investor-owned utilities	0	0	1	1	0	0	1	1
New Mexico								
Municipalities	3	2	0	5	3	2	0	5
Cooperatives	0	5	0	5	0	5	0	5
Federal agencies	4	0	0	4	4	0	0	4
Investor-owned utilities	0	0	1	1	0	0	1	1
North Dakota								
Cooperatives	0	0	1	1	0	0	0	0
Ohio								
Investor-owned utilities	0	0	1	1	0	0	0	0
Texas								
Investor-owned utilities	0	0	1	1	0	0	0	0
Power marketers	0	0	4	4	0	0	2	2
Utah [1]								
Municipalities	3	32	0	35	3	32	0	35
Cooperatives	4	0	0	4	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	3	0	1	4	3	0	0	3
Investor-owned utilities	0	0	1	1	0	0	1	1
Wyoming								
Municipalities	1	0	0	1	1	0	0	1
Cooperatives	2	0	0	2	2	0	0	2
State agencies	0	1	0	1	1	0	0	1
Canada								
Power marketers	0	0	1	1	0	0	2	2
Total Western	**58**	**45**	**40**	**143**	**65**	**44**	**24**	**133**

[1] Customer count includes 34 UAMPS members (31 municipalities and 3 irrigation districts).

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Summary by state

State	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Arizona	15	2	5	22	18	2	3	23
California	0	0	8	8	0	0	4	4
Canada	0	0	1	1	0	0	2	2
Colorado	19	3	2	24	19	3	3	25
Connecticut	0	0	1	1	0	0	0	0
Georgia	0	0	1	1	0	0	0	0
Idaho	0	0	1	1	0	0	1	1
Kansas	0	0	1	1	0	0	0	0
Massachusetts	0	0	0	0	0	0	1	1
Minnesota	0	0	1	1	0	0	0	0
Missouri	0	0	1	1	0	0	1	1
Montana	0	0	2	2	0	0	1	1
Nebraska	0	0	2	2	0	0	3	3
Nevada	2	0	1	3	2	0	1	3
New Mexico	7	7	1	15	7	7	1	15
North Dakota	0	0	1	1	0	0	0	0
Ohio	0	0	1	1	0	0	0	0
Texas	0	0	5	5	0	0	2	2
Utah	15	32	2	49	15	32	1	48
Wyoming	3	1	0	4	4	0	0	4
Total Western	**61**	**45**	**37**	**143**	**65**	**44**	**24**	**133**

Summary by customer category

Customer category	FY 2000 Firm only	FY 2000 Firm & nonfirm	FY 2000 Nonfirm only	FY 2000 Total	FY 1999 Firm only	FY 1999 Firm & nonfirm	FY 1999 Nonfirm only	FY 1999 Total
Municipalities	23	35	3	61	24	35	1	60
Cooperatives	11	7	4	22	11	6	1	18
Federal agencies	12	1	1	14	12	1	0	13
State agencies	5	2	4	11	5	2	4	11
Public utility districts	0	0	1	1	0	0	0	0
Irrigation districts	10	0	2	12	13	0	1	14
Investor-owned utilities	0	0	12	12	0	0	9	9
Power marketers	0	0	10	10	0	0	8	8
Subtotal	**61**	**45**	**37**	**143**	**65**	**44**	**24**	**133**
Project use sales	4	0	0	4	4	0	0	4
Total Western	**62**	**45**	**37**	**147**	**69**	**44**	**24**	**137**
Interproject sales	0	0	2	2	0	0	2	2
Total	**65**	**45**	**39**	**149**	**69**	**44**	**26**	**139**

Transmission Revenues

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Long-term firm point-to-point [1]	14,573,734	14,191,029
Nonfirm point-to-point	8,579,357	3,160,684
Total	**23,153,091**	**17,351,713**

[1] Differs from financial statements by approximately $71,000 due to reclassification.

Ancillary Services Revenues

Ancillary service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Scheduling and dispatch service	137,570	20,839
Reactive supply and voltage control service	27	0
Regulation and frequency response	340,548	308,181
Operating reserves - spinning	961,957	0
Total	**1,440,101**	**329,020**

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Power Sales and Revenue

Customer	Service region	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Arizona							
AK-Chin Indian Community	DSW	4,244	1,920	10,545	173,313	17,127	274,170
Safford	DSW	1,227	560	11,656	180,418	12,181	228,881
Thatcher	DSW	556	363	2,928	45,224	4,028	76,849
Subtotal Arizona				**25,129**	**398,955**	**33,335**	**579,901**
California							
Los Angeles Dept. of Water and Power	CRSP			14,178	207,557	500	14,000
Riverside	CRSP			96	3,360	0	0
Subtotal California				**14,274**	**210,917**	**500**	**14,000**
Colorado							
Aspen	RM	1,062	1,677	7,693	118,845	11,990	200,982
Center	RM	1,082	1,801	6,798	114,564	10,217	165,459
Colorado Springs Utilities	RM	16,289	64,864	200,596	3,299,825	225,713	3,962,631
Colorado Springs Utilities	CRSP			13,075	769,121	640	30,420
Delta	RM	1,510	1,721	7,808	129,933	8,329	124,181
Fleming	RM	87	68	354	6,066	583	9,748
Fort Morgan	RM	8,584	9,081	40,535	692,942	66,900	1,126,339
Frederick	RM	38	45	239	3,650	364	6,070
Glenwood Springs	RM	1,246	1,689	8,507	129,484	12,850	216,933
Gunnison	RM	4,812	7,225	28,140	476,384	46,215	785,559
Haxtun	RM	575	546	2,513	43,489	4,231	72,193
Holyoke	RM	1,598	2,023	8,096	140,319	8,580	139,162
Oak Creek	RM	320	485	1,836	31,480	3,083	52,093
Wray	RM	501	1,059	3,963	64,296	6,658	118,989
Yuma	RM	1,223	1,411	6,091	103,703	10,083	171,742
Subtotal Colorado				**336,244**	**6,124,098**	**416,434**	**7,182,501**
New Mexico							
Aztec	CRSP	2,039	2,778	12,336	199,351	16,067	296,664
Farmington	CRSP	19,523	18,866	113,311	1,656,388	124,685	2,055,247
Gallup	CRSP	3,439	3,592	17,312	285,346	24,748	384,407
Los Alamos County	CRSP	1,056	1,569	37,292	946,483	14,122	264,386
Truth or Consequences	CRSP	6,025	6,506	33,691	494,625	30,243	484,012
Subtotal New Mexico				**213,942**	**3,582,194**	**209,866**	**3,484,716**
Utah							
Brigham City	CRSP	8,932	12,594	50,081	849,950	52,276	838,751
Helper	CRSP	304	472	2,142	33,360	2,410	35,887
Utah Associated Municipal Power	CRSP	139,999	207,336	778,777	13,592,910	798,719	13,243,917
Price	CRSP	1,119	1,702	8,078	123,660	9,825	151,894
Utah Municipal Power Agency	CRSP	79,126	93,566	473,348	7,160,794	432,727	6,996,414
Subtotal Utah				**1,312,426**	**21,760,675**	**1,295,958**	**21,266,863**
Wyoming							
Torrington	RM	1,922	1,302	7,078	123,876	10,732	171,497
Subtotal Wyoming				**7,078**	**123,876**	**10,732**	**171,497**
Total Municipalities				**1,909,093**	**32,200,715**	**1,966,825**	**32,699,477**
Rural electric cooperatives							
Arizona							
Arizona Electric Power Coop.	DSW/CRSP			29,702	517,293	77,962	1,190,880
Arizona Electric Power Coop.	CRSP			21,830	390,458	17,426	645,227
Resource Management	CRSP			4,113	73,705	0	0
Subtotal Arizona				**55,645**	**981,455**	**95,388**	**1,836,107**
Colorado							
Grand Valley Electric Coop.	RM	1,562	1,585	9,807	144,392	13,785	221,470
Holy Cross Electric Association	RM	8,826	9,510	52,831	806,387	55,512	794,263
Intermountain Rural Electric Association	RM	10,588	11,409	61,911	955,495	90,612	1,407,475
Rocky Mountain Generation Cooperative	CRSP			2,921	22,882	1,020	28,659
Tri-State Generation & Transmission Assn.	RM	302,391	254,066	1,267,154	21,749,220	1,376,080	21,651,593

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Power Sales and Revenue, cont.

Customer	Service region	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Tri-State Generation & Transmission Assn.	CRSP			8,675	313,636	7,325	117,452
Yampa Valley Electric Association	RM	5,014	5,402	31,320	468,680	45,623	733,654
Subtotal Colorado				**1,434,619**	**24,460,692**	**1,589,957**	**24,954,565**
Kansas							
Sunflower Electric Power Coop	CRSP			4,512	97,008	0	0
Subtotal Kansas				**4,512**	**97,008**	**0**	**0**
Nevada							
Mt. Wheeler Power Association	CRSP	23,946	16,902	96,292	1,623,067	125,202	2,139,993
Subtotal Nevada				**96,292**	**1,623,067**	**125,202**	**2,139,993**
New Mexico							
Central Valley Electric Coop.	CRSP	2,612	3,081	23,087	403,495	56,107	876,516
Farmers Electric Coop.	CRSP	2,576	2,353	19,821	358,669	52,769	831,219
Lea Co. Electric Coop.	CRSP	2,570	2,335	22,849	382,705	52,664	789,195
Roosevelt Co. Electric Coop.	CRSP	2,869	2,517	21,605	382,552	54,772	855,052
Plains Electric G&T	CRSP	142,303	177,722	727,420	12,622,969	765,188	12,346,602
Subtotal New Mexico				**814,782**	**14,150,390**	**981,500**	**15,698,583**
North Dakota							
Basin Electric Power Cooperative	CRSP			218	11,138	0	0
Subtotal North Dakota				**218**	**11,138**	**0**	**0**
Utah							
Flowell Electric Association	CRSP	4,475	385	11,564	193,981	16,002	258,963
Dixie-Escalante Rural Electric Association	CRSP	19,072	24,085	102,427	1,720,416	126,332	2,183,411
Garkane Power Association	CRSP	14,556	19,679	79,655	1,351,817	95,506	1,629,744
Moon Lake E.A.	CRSP	50,142	62,822	263,100	4,462,691	331,080	5,745,471
Subtotal Utah				**456,746**	**7,728,905**	**568,919**	**9,817,589**
Wyoming							
Bridger Valley Electric Coop.	CRSP	8,497	10,558	46,797	776,268	56,282	940,967
Willwood Light & Power Company	RM	50	39	228	3,686	390	6,853
Subtotal Wyoming				**47,025**	**779,954**	**56,672**	**947,820**
Total cooperatives				**2,909,839**	**49,832,609**	**3,417,638**	**55,394,658**
Federal agencies							
Arizona							
Aha Macav Power Service	CRSP			124	7,132	0	0
Colorado River Agency—BIA	DSW/CRSP	442	881	18,303	283,257	7,790	136,620
Navajo Tribal Utility Authority	CRSP	21,802	23,677	127,168	1,968,748	174,565	2,651,298
Navajo Tribal Utility Authority [1]	CRSP	12,000		70,560	901,776	52,704	674,582
San Carlos Irrigation Project—BIA	DSW	1,366	1,840	131,956	2,091,716	187,298	2,988,611
Luke Air Force Base	DSW	2,265	912	7,243	124,239	11,314	180,248
Yuma Proving Ground	DSW	347	415	1,892	31,050	1,954	30,471
Subtotal Arizona				**357,246**	**5,407,918**	**435,625**	**6,661,830**
Colorado							
Pueblo Army Depot	RMR	2,641	2,856	7,602	175,034	6,864	159,628
Subtotal Colorado				**7,602**	**175,034**	**6,864**	**159,628**
New Mexico							
Cannon AFB	CRSP	1,387	1,419	7,598	119,464	11,655	188,468
Albuquerque Operations Office—DOE	CRSP	34,883	36,127	110,485	2,255,438	105,504	2,253,739
Holloman Air Force Base	CRSP	1,925	2,065	10,861	170,328	11,430	167,664
Kirtland Air Force Base	CRSP	3,555	3,592	15,073	269,607	18,511	301,655
Subtotal New Mexico				**144,017**	**2,814,838**	**147,100**	**2,911,526**
Utah							
Defense Depot Ogden	CRSP	3,169	3,532	15,477	221,316	16,360	260,526
Hill Air Force Base	CRSP	3,555	3,592	23,501	314,162	28,347	459,609

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Power Sales and Revenue, cont.

Customer	Service region	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Tooele Army Depot	CRSP	920	1,307	6,000	94,563	6,377	93,372
Subtotal Utah				**44,978**	**630,041**	**51,084**	**813,506**
Total federal agencies				**553,843**	**9,027,831**	**640,673**	**10,546,491**
State agencies							
Arizona							
Arizona Power Pool Association	DSW	27,275	13,568	61,056	1,035,662	103,729	1,594,365
Salt River Project	DSW	103,224	52,113	383,806	6,314,984	507,619	8,372,812
Salt River Project	DSW/CRSP			84,608	3,169,859	232,061	4,431,011
Salt River Project	CRSP			7,914	187,852	27,122	336,945
Subtotal Arizona				**537,384**	**10,708,357**	**870,532**	**14,735,133**
California							
California ISO	CRSP			25	5,000	300	75,000
Metropolitan Water District of So. Calif.	CRSP			3,074	303,409	6,537	84,285
Subtotal California				**3,099**	**308,409**	**6,837**	**159,285**
Colorado							
Platte River Power Authority	CRSP			380	19,330	60	2,640
Platte River Power Authority	RM	113,902	145,955	694,522	10,989,073	726,222	10,870,850
Arkansas River Power Authority	RM	3,270	4,300	18,033	302,313	24,095	369,765
Subtotal Colorado				**712,935**	**11,310,716**	**750,377**	**11,243,255**
Nebraska							
Municipal Energy of Nebraska	CRSP			2,226	58,467	575	8,720
Nebraska Public Power District	CRSP			0	0	200	2,250
Subtotal Nebraska				**2,226**	**58,467**	**775**	**10,970**
Nevada							
Colorado River Commission	DSW	22,420	29,477	122,976	2,067,263	227,224	4,128,866
Subtotal Nevada				**122,976**	**2,067,263**	**227,224**	**4,128,866**
Utah							
University of Utah	CRSP	3,104	3,461	21,771	290,151	27,368	433,202
Utah State University	CRSP	1,124	1,152	10,163	101,662	9,575	156,668
Subtotal Utah				**31,934**	**391,813**	**36,943**	**589,869**
Wyoming							
Wyoming Municipal Power Agency	RM	5,036	6,731	27,244	464,047	28,800	461,650
Subtotal Wyoming				**27,244**	**464,047**	**28,800**	**461,650**
Total state agencies				**1,437,798**	**25,309,071**	**1,921,487**	**31,329,028**
Public utility districts							
California							
Sacramento Municipal Utility District	CRSP			300	11,700	0	0
Subtotal California				**300**	**11,700**	**0**	**0**
Total public utility districts				**300**	**11,700**	**0**	**0**
Irrigation districts							
Arizona							
Chandler Heights Citrus	DSW	400	302	0	0	0	0
ED-3 (Arizona Public Service) Pinal	DSW	8,631	2,880	11,599	179,961	4,551	35,689
ED-4	DSW	4,897	3,680	0	0	21,375	360,114
ED-5 Maricopa	DSW	1,274	233	3,463	59,154	4,108	60,227
ED-5 Pinal	DSW	2,948	2,633	0	0	12,225	205,347
ED-6 Pinal (Salt River Project)	DSW	6,245	0	0	0	13,176	222,874
ED-7 Maricopa County	DSW	4,807	729	0	0	0	0
Maricopa Cnty MWCD No. 1	DSW	5,748	2,373	3,446	56,521	9,257	88,824
Queen Creek Irrigation District	DSW	1,887	0	4,167	72,704	5,289	81,791
Roosevelt Irrigation District	DSW	5,243	1,761	16,703	259,134	26,352	397,511
Roosevelt WC District	DSW	2,364	1,616	4,969	73,606	3,597	62,486

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Power Sales and Revenue, cont.

Customer	Service region	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
San Tan Irrigation District	DSW	882	0	0	0	0	0
Wellton-Mohawk I&DD	DSW	146	448	1,424	21,651	1,411	0
Subtotal Arizona				**45,771**	**722,732**	**101,341**	**1,514,864**
California							
Imperial Irrigation District	CRSP			326	13,270	180	8,640
Subtotal California				**326**	**13,270**	**180**	**8,640**
Utah							
Weber Basin Conservancy District	CRSP			4,363	45,645	0	0
Subtotal Utah				**4,363**	**45,645**	**0**	**0**
Total irrigation districts				**50,460**	**781,647**	**101,521**	**1,523,504**
Investor-owned utilities							
Arizona							
Arizona Public Service Company	CRSP			29,257	1,245,398	11,355	206,290
Tucson Electric Power Company	CRSP			21,435	905,144	15,105	312,710
Subtotal Arizona				**50,692**	**2,150,541**	**26,460**	**518,980**
Colorado							
Public Service Company of Colorado	CRSP			150,152	3,520,617	52,306	695,798
Subtotal Colorado				**150,152**	**3,520,617**	**52,306**	**695,798**
Idaho							
Idaho Power Co	CRSP			23,088	1,704,109	8,817	123,927
Subtotal Idaho				**23,088**	**1,704,109**	**8,817**	**123,927**
Missouri							
UtiliCorp Power Services	CRSP			1,620	97,247	536	18,538
Subtotal Missouri				**1,620**	**97,247**	**536**	**18,538**
Montana							
Montana Power Company	CRSP			4,090	34,555	59,737	538,355
PP&L Montana, LLC	CRSP			32,519	1,762,737	0	0
Subtotal Montana				**36,609**	**1,797,292**	**59,737**	**538,355**
Nevada							
Nevada Power Company	CRSP			21,979	823,355	5,777	141,276
Subtotal Nevada				**21,979**	**823,355**	**5,777**	**141,276**
New Mexico							
Public Service Company of New Mexico	CRSP			244,258	7,002,324	102,317	1,569,067
Subtotal New Mexico				**244,258**	**7,002,324**	**102,317**	**1,569,067**
Ohio							
American Electric Power Service	CRSP			4,219	126,425	0	0
Subtotal Ohio				**4,219**	**126,425**	**0**	**0**
Texas							
El Paso Electric Company	CRSP			4,803	203,795	0	0
Subtotal Texas				**4,803**	**203,795**	**0**	**0**
Utah							
PacifiCorp	CRSP			65,301	4,175,841	0	0
Subtotal Utah				**65,301**	**4,175,841**	**115,501**	**1,484,059**
Total investor-owned utilities [2]				**602,721**	**21,601,546**	**371,451**	**5,090,000**
Power marketers							
California [2]							
California Power Exchange	CRSP			132,311	5,727,513	0	0
Subtotal California				**132,311**	**5,727,513**	**0**	**0**

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Power Sales and Revenue, cont.

Customer	Service region	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Canada							
British Columbia Power Exch	CRSP			6,588	150,009	15,131	246,017
Subtotal Canada				**6,588**	**150,009**	**15,131**	**246,017**
Colorado							
E-Prime	DSW/CRSP			0	0	5,784	89,941
Subtotal Colorado				**0**	**0**	**5,784**	**89,941**
Connecticut							
Sempra Energy Trading Corp.	CRSP			2,692	269,209	0	0
Subtotal Connecticut				**2,692**	**269,209**	**0**	**0**
Georgia							
Southern Company Energy Marketing	CRSP			400	12,800	0	0
Subtotal Georgia				**400**	**12,800**	**0**	**0**
Massachusetts							
New Energy Ventures	CRSP			0	0	200	3,200
Subtotal Massachusetts				**0**	**0**	**200**	**3,200**
Minnesota							
Cargill-Alliant	CRSP			4,313	133,024	0	0
Subtotal Minnesota				**4,313**	**133,024**	**0**	**0**
Nebraska							
Aquila Power Corp.	CRSP			4,562	376,797	187	14,960
ConAgra Energy Service	CRSP			0	0	0	0
Subtotal Nebraska				**4,562**	**376,797**	**187**	**14,960**
Texas							
Amoco Energy Trading Corp.	CRSP			1,345	40,550	0	0
Dynegy Power Marketing, Inc	CRSP			680	16,680	0	0
Electric Clearing House, Inc.	CRSP			0	0	80	1,360
Enron Power Marketing	CRSP			10,351	512,992	4,400	140,800
Reliant Energy Services	CRSP			50	3,500	0	0
Subtotal Texas				**12,426**	**573,722**	**4,480**	**142,160**
Total power marketers				**163,292**	**7,243,074**	**25,782**	**496,278**
SLCA/IP subtotal [3]				**7,627,346**	**146,008,193**	**8,445,378**	**137,079,436**
Interproject sales							
Arizona							
Parker-Davis Project	CRSP			365	16,563	22,039	469,603
Subtotal Arizona				**365**	**16,563**	**22,039**	**469,603**
Colorado							
Loveland Area Projects	CRSP			59,693	6,054,570	163,031	4,681,838
Subtotal Colorado				**59,693**	**6,054,570**	**163,031**	**4,681,838**
Total interproject sales				**60,058**	**6,071,133**	**185,070**	**5,151,441**
Salt Lake City Integrated Projects subtotal				**7,687,404**	**152,079,326**	**8,630,448**	**142,230,876**
Project use sales				82,834	1,474,935	60,493	1,157,784
Salt Lake City Integrated Project total				**7,770,238**	**153,554,260**	**8,690,941**	**143,388,660**

Notes:
# denotes contracts that have been suspended or reduced.
OSR is Spinning Reserve
FFR is Firm Reserve
NIS is Exchange

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[1] Assigned from Navajo Indian Irrigation Project. Power is for on farm uses and other municipal and industrial purposes.
[2] These sales are listed by the location of the marketing entity or investor-owned utility, which does not necessarily reflect the state where the energy was delivered.
[3] In FY2000, a Western replacement power trust fund was established. WRP pass-through revenues and WRP hydro revenues were removed from the firm power revenues.

Collbran Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000
Revenue:				
Gross operating revenue	36,914	28	2,333	39,275
Total Operating Revenue	**36,914**	**28**	**2,333**	**39,275**
Expenses:				
O & M and other	15,800	(412)	911	16,298
Interest				
Federally financed	11,423	7	136	11,567
Total Interest	**11,423**	**7**	**136**	**11,567**
Total Expense	**27,223**	**(405)**	**1,047**	**27,865**
Investment:				
Federally financed power	14,743	24	0	14,767
Nonpower	5,059	0	0	5,059
Total Investment	**19,802**	**24**	**0**	**19,826**
Investment repaid:				
Federally financed power	9,691	433	1,286	11,410
Total Investment repaid	**9,691**	**433**	**1,286**	**11,410**
Investment unpaid:				
Federally financed power	5,052	(409)	(1,286)	3,358
Nonpower	5,059	0	0	5,059
Total Investment unpaid	**10,111**	**(409)**	**(1,286)**	**8,417**
Percent of investment repaid to date:				
Federal	65.73%			77.26%
Non-Federal	N/A			N/A
Nonpower	0.00%			0.00%

[1] This column ties to the cumulative FY 1999 numbers on page 145 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000.

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Colorado River Storage Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000
Revenue:				
Gross operating revenue	2,710,980	19,723	169,605 [4]	2,900,307
Income transfers (net)	154	0	0	154
Total Operating Revenue	**2,711,134**	**19,723**	**169,605**	**2,900,461**
Expenses:				
O & M and other	848,056	5,674	49,800	903,530
Purchase power and Wheeling	563,903	15,893	107,385 [4]	687,181
Interest				
Federally financed	633,105	26,665	29,842	689,611
Total Interest	**633,105**	**26,665**	**29,842**	**689,611**
Total Expense	**2,045,064**	**48,232**	**187,026**	**2,280,322**
(Deficit)/Surplus revenue	0	0	(17,422)	(17,422)
Investment:				
Federally financed power	1,075,734	(88,885)	16,118	1,002,967
Nonpower	2,949,738	0	(280,267)	2,669,471
Total Investment	**4,025,472**	**(88,885)**	**(264,149)**	**3,672,438**
Investment repaid:				
Federally financed power	666,070	(28,509)	0	637,561
Total Investment repaid	**666,070**	**(28,509)**	**0**	**637,561**
Investment unpaid:				
Federally financed power	409,664	(60,375)	16,118	365,407
Nonpower	2,949,738	0	(280,267)	2,669,471
Total Investment unpaid	**3,359,402**	**(60,375)**	**(264,149)**	**3,034,878**
Percent of investment repaid to date:				
Federal	61.92%			63.57%
Non-Federal	N/A			N/A
Nonpower	0.000			0.000

[1] This column ties to the cumulative FY 1999 numbers on page 146 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000 except for revenues and purchased power and wheeling.
[4] Revenues reflect data reported in the FY 2000 Operations Summary less other integrated and participating projects revenues. Purchased power and transmission expense reflects amount reported in the FY 2000 Operations Summary.

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Rio Grande Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000
Revenue:				
Gross operating revenue	74,983	2	1,704	76,689
Total Operating Revenue	**74,983**	**2**	**1,704**	**76,689**
Expenses:				
O & M and other	36,767	(173)	1,502	38,097
Purchase power and other	4,774	0	0	4,774
Interest				
Federally financed	14,071	9	3	14,083
Total Interest	**14,071**	**9**	**3**	**14,083**
Total Expense	**55,612**	**(164)**	**1,506**	**56,954**
(Deficit)/Surplus revenue	(33)	102	198	268
Investment:				
Federally financed power	13,667	(1)	0	13,666
Nonpower	5,802	0	0	5,802
Total Investment	**19,468**	**(1)**	**0**	**19,467**
Investment repaid:				
Federally financed power	13,602	64	0	13,666
Nonpower	5,802	0	0	5,802
Total Investment repaid	**19,404**	**64**	**0**	**19,468**
Investment unpaid:				
Federally financed power	65	(65)	0	0
Total Investment unpaid	**65**	**(65)**	**0**	**0**
Percent of investment repaid to date:				
Federal	99.53%			100.00%
Non-Federal	N/A			N/A
Nonpower	100.00%			100.00%

[1] This column ties to the cumulative FY 1999 numbers on page 147 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000.

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Seedskadee Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000
Revenue:				
Gross operating revenue	17,198	137	1,350	18,685
Total Operating Revenue	**17,198**	**137**	**1,350**	**18,685**
Expenses:				
O & M and other	7,432	(133)	517	7,816
Interest				
Federally financed	5,906	(41)	296	6,161
Total Interest	**5,906**	**(41)**	**296**	**6,161**
Total Expense	**13,337**	**(174)**	**814**	**13,978**
Investment:				
Federally financed power	7,455	4	0	7,458
Total Investment	**7,455**	**4**	**0**	**7,458**
Investment repaid:				
Federally financed power	3,860	311	537	4,708
Total Investment repaid	**3,860**	**311**	**537**	**4,708**
Investment unpaid:				
Federally financed power	3,594	(307)	(537)	2,750
Total Investment unpaid	**3,594**	**(307)**	**(537)**	**2,750**
Percent of investment repaid to date:				
Federal	51.78%			63.12%
Non-Federal	N/A			N/A
Nonpower	N/A			N/A

[1] This column ties to the cumulative FY 1999 numbers on page 148 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000.

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Dolores Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000 [2]
Revenue:				
Gross operating revenue	13,650	343	2,893	16,886
Income transfers (net)	36	0	0	36
Total Operating Revenue	**13,686**	**343**	**2,893**	**16,922**
Expenses:				
O & M and other	1,997	(294)	481	2,184
Interest				
Federally financed	10,693	1	2,359	13,053
Total Interest	**10,693**	**1**	**2,359**	**13,053**
Total Expense	**12,690**	**(293)**	**2,840**	**15,237**
Investment:				
Federally financed power	35,825	84	0	35,909
Total Investment	**35,825**	**84**	**0**	**35,909**
Investment repaid:				
Federally financed power	996	636	53	1,684
Total Investment repaid	**996**	**636**	**53**	**1,684**
Investment unpaid:				
Federally financed power	34,828	(551)	(53)	34,224
Total Investment unpaid	**34,828**	**(551)**	**(53)**	**34,224**
Percent of investment repaid to date:				
Federal	2.78%			4.69%
Non-Federal	N/A			N/A
Nonpower	N/A			N/A

[1] This column ties to the cumulative FY 1999 numbers on page 149 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000.

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Other projects

Central Arizona Project

The Central Arizona Project is one of three related water development projects that make up the Colorado River Basin Project. The others are the Dixie and the Upper Basin projects. The Central Arizona Project was developed for Arizona and western New Mexico; the Dixie Project for southeastern Utah; and the Upper Basin Project for Colorado and New Mexico.

Congress authorized the project in 1968 to improve water resources in the Colorado River basin. Segments of the 1968 authorization allowed Federal participation in the Navajo Generating Station, which has three coal-fired steam electric generating units for a combined capacity of 2.25 million kW. Construction of the plant, located near Lake Powell at Page, Ariz., began in 1970. Navajo began generating in 1976.

The Federal share of 24.3 percent, or 546,750 kW, is used to power pumps that move Colorado River water through CAP canals. Surplus generation is currently marketed under the Navajo Power Marketing Plan adopted on Dec. 1, 1987.

About 400,000 kW is currently marketed as surplus, with 760 kWh of energy available annually with each kW of capacity. Western's Desert Southwest Customer Service Region markets Navajo power on behalf of the Bureau of Reclamation's Central Arizona Project.

As of June 1, 1994, Western, Reclamation, the Salt River Project and the Central Arizona Water Conservation District entered into an agreement in which the Salt River Project Agricultural Improvement and Power District in Arizona schedules and operates the Federal share of the Navajo generating station. This arrangement will remain in effect until Sept. 30, 2016.

In addition, an agreement was established in which all surplus spot market energy sales are now managed to benefit CAP. This agreement will remain in effect until Sept. 30, 2011. SRP pays a flat fee plus a variable energy charge (including a generation operating charge, generation energy charge, transmission operating charge and charge to cover Western and Reclamation costs).

Net operating revenue in FY 2000 was approximately $96.4 million, of which $96.2 million was subsequently transferred to Reclamation. The Federal share of Navajo net generation rose from 4,072 million kWh in FY 1999 to 4,474 million kWh in FY 2000.

Falcon-Amistad Project

Falcon-Amistad Project consists of two international dams located on the Rio Grande River between Texas and Mexico. The United States and Mexico share and operate separate powerplants on each side of the Rio Grande River. The power output is divided evenly between the two nations. The State Department's International Boundary and Water Commission operates the U.S. portion of the projects. Falcon Dam is located about 130 miles (209 km) upstream from Brownsville, Texas. The United States' portion of construction, operation and maintenance was authorized by Congress in 1950. Construction was started in that year and completed in 1954. The United States' share of Falcon Powerplant capacity is 31,500 kW. The powerplant came on line in 1954.

Amistad Dam is located about 300 miles (482.7 km) upstream from Falcon Dam. Amistad Powerplant was constructed by the U.S. Army Corps of Engineers, as agent for the IBWC. The United States' portion of construction, operation and maintenance was authorized by the Mexican-American Treaty Act of 1950. Amistad powerplant has a generation capacity of 66,000 kW.

Continued on next page.

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Construction was started in 1960 and completed in 1969. Its two generating units came on line in 1983.

Project power is marketed to two cooperatives in south Texas via Central Power and Light Company's transmission system. A total of 124 million kWh of energy was delivered in FY 2000.

The five-year net generation average is 113 million kWh. Repayment is made through annual installments. Western received $4.1 million in FY 2000. These installments are established in advance by Western and the customers on or before Aug. 31 of the year preceding the appropriate fiscal year. Each annual installment pays the amortized portion of the U.S. investment in the Falcon and Amistad hydroelectric facilities with interest, and associated operation, maintenance and administrative costs. This repayment schedule does not depend upon the amount of power and energy delivered or the amount of generation each year.

Pacific NW-SW Intertie Project

The Pacific Northwest-Pacific Southwest Intertie was authorized by Section 8 of the Pacific Northwest Power Marketing Act of Aug. 31, 1964. Originally, the Intertie was to be a combined AC and DC system, which was to connect the Pacific Northwest with the Desert Southwest. As authorized, the overall project was to be a cooperative construction venture between Federal and non-Federal entities.

Due to delays in construction funding, the estimated in-service date of the Intertie was revised to the point that interest by potential users waned. These events resulted in the indefinite postponement of DC line construction. Consequently, the facilities constructed provide only AC transmission service.

Western's portion of the Intertie consists of two parts, a northern portion and a southern portion. The northern portion is administered by Western's Sierra Nevada Region and is incorporated, for repayment and operation, with the Central Valley Project. The northern portion consists of a 94-mile (151 km), 500-kV line from Malin Substation (Ore.) to Round Mountain to Cottonwood Substation (Calif.). By agreement, the Central Valley Project has transmission rights for 400 MW of northern Intertie capacity.

The southern portion is administered by Western's Desert Southwest Region and is treated as a separate (stand alone) project for repayment and operational purposes. It consists of a 238-mile (383 km), 345-kV line from Mead Substation (Nev.) to Liberty Substation (Ariz.), a 19-mile (31 km), 230-kV line from Liberty to Westwing Substation (Ariz.), a 22-mile (35 km), 230-kV line from Westwing to Pinnacle Peak Substation (Ariz.) and two segments that came on-line in April 1996: the 260-mile (419 km) Mead-Phoenix 500-kV AC Transmission Line between Marketplace Substation (Nev.) and Perkins Substation (Ariz.) and the 202-mile (325 km) Mead-Adelanto 500-kV AC Transmission Line between Marketplace and the existing Adelanto Switching Substation in southern California.

Current rates for firm and nonfirm transmission service went into effect on Feb. 1, 1996. Current rates for firm transmission over the 230-kV and 345-kV transmission lines were revised and became effective Jan. 1, 1999. Current rates for firm transmission over the 500-kV transmission lines were extended and became effective Oct. 1, 2000.

 Continued on next page.

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Provo River Project

The Provo River Project was authorized in 1935. Construction on the project, which includes Deer Creek Dam and Powerplant on the Provo River in Utah, began in 1938 but, because of World War II, was not completed until 1951. The powerplant, authorized on Aug. 20, 1951, was completed and generation began in 1958. Its maximum operating capacity is 5,300 kW.

Before November 1999, summer energy was purchased by the Colorado River Storage Project and winter energy interchanged with Utah Power and Light Company in accordance with a 1933 agreement.

Provo River Project power is now marketed independently from the Salt Lake City Area/Integrated Projects subsequent to a new marketing plan that was approved and published in the *Federal Register* on Nov. 21, 1994. This marketing plan allows Western to market the output of the Provo River Project to customers of Utah Municipal Power Agency and Utah Associated Municipal Power Systems in the Provo River drainage.

The five-year generation average is 22 million kWh. A total of 14.3 million kWh of energy was sold and a total of $270,000 in revenue was collected in FY 2000.

As provided in Rate Order No. WAPA-87 published in the *Federal Register* on March 2, 2000, Provo River Project customers pay all operating, maintenance and replacement expenses of the project each year and, in return, receive all of the energy produced by the project.

Washoe Project

The Washoe Project in west-central Nevada and east-central California was designed to improve the regulation of runoff from the Truckee and Carson river system and to provide supplemental irrigation water and drainage, as well as water for municipal, industrial and fishery use. Additionally, it offers flood protection, fish and wildlife benefits and recreation.

The project was authorized by the Washoe Project Act of Aug. 1, 1956, and was constructed between 1960 and 1976, with the powerplant at Stampede Dam added in 1986. Prosser Creek Dam, Marble Creek Dam and Pyramid Lake fishway are also part of the project. The powerplant at Stampede Dam has a maximum installed capacity of 3.6 MW.

Sierra Nevada Region markets energy and sets power rates for the project. FY 2000 net generation was 12 million kWh, compared to 15 million kWh in FY 1999. Generation from Washoe Project's Stampede powerplant is sold as nonfirm power to Sierra Pacific Power Company at a market rate of 17.89 mills per kWh. To adequately repay the project, a rate of 80.44 mills per kWh would be required.

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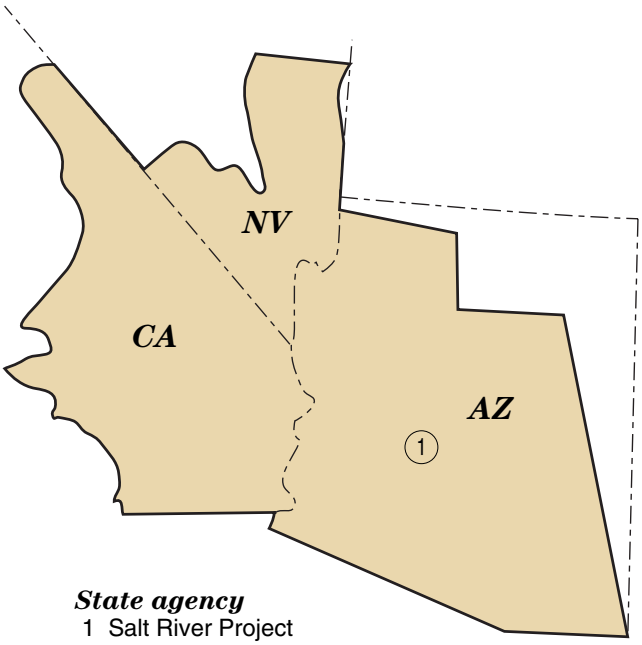
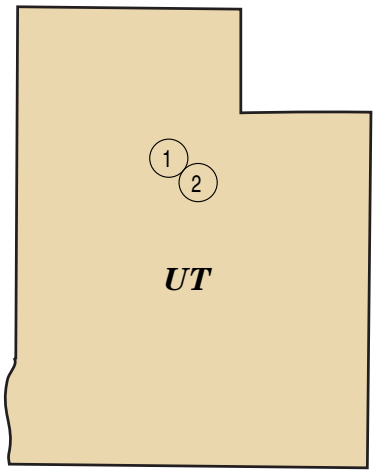
Other projects

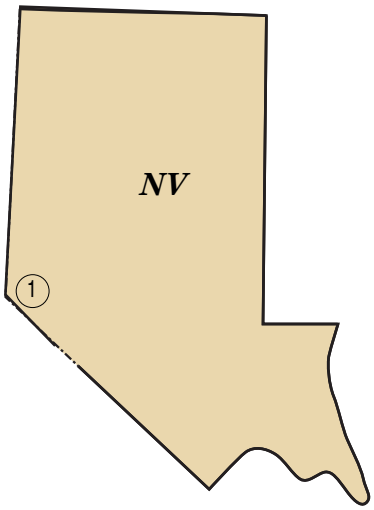
Power Customers and Marketing Area



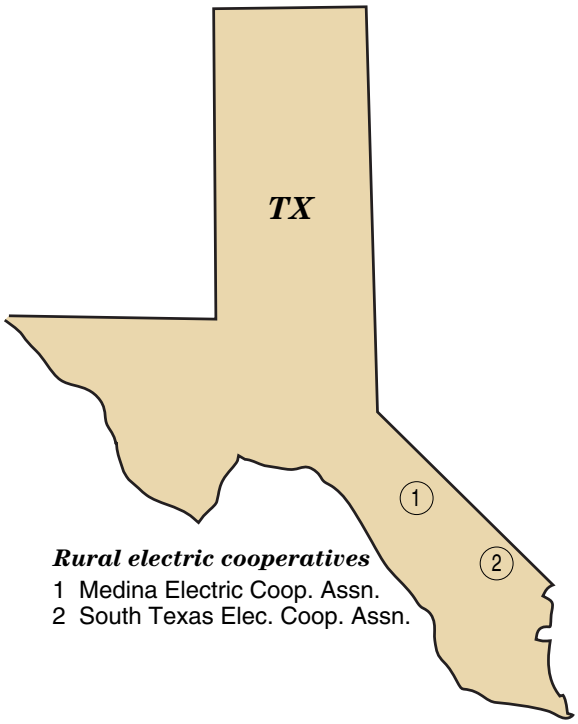
State agency
1 Salt River Project



Municipalities
1 Utah Assoc. of Municipal Power Systems
2 Utah Municipal Power Agency



Investor-owned utility
1 Sierra-Pacific Power Co.



Rural electric cooperatives
1 Medina Electric Coop. Assn.
2 South Texas Elec. Coop. Assn.

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Central Arizona Project

Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resources		
Net generation	4,474	4,072
Total energy resources	**4,474**	**4,072**
Energy disposition		
Sales of electric energy		
Western sales	4,474	4,072
Total energy sales	4,474	4,072
Total energy delivered	4,474	4,072
Total energy disposition	**4,474**	**4,072**

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	1	1
Number of transformers	5	5
Transformer capacity (kVA)	228,000	228,000
Buildings and Communications Sites		
Number of buildings	2	1

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	July 1, 1999	Net generation GWh [2] FY 2000	FY 1999
Arizona									
Navajo	SRP	n/a [3]	May 74	3	547 [4]	547	547	4,473	4,072
Central Arizona total				**3**	**547**	**547**	**547**	**4,473**	**4,072**

1 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.
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.
SRP - Salt River Project

Power Sales and Revenue

Customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
State agencies				
Arizona				
Salt River Project [1]	4,473,658	74,057,459	4,072,000	74,879,056
Subtotal Arizona	4,473,658	74,057,459	4,072,000	74,879,056
Total state agencies	**4,473,658**	**74,057,459**	**4,072,000**	**74,879,056**
Central Arizona Project total	**4,473,658**	**74,057,459**	**4,072,000**	**74,879,056**

1 Western contractually agreed for the Salt River Project to act as the scheduling entity and operating agent for the CAP portion of the Navajo generating station (547 mW) on June 1, 1994. SRP agreed to pay a monthly fixed and variable fee to meet repayment requirements.

Transmission Revenues

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Long-Term Firm Point-to-Point Transmission Service	22,066,009	22,063,516
Total	**22,066,009**	**22,063,516**

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Central Arizona Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments	Annual 2000 [2]	Cumulative 2000
Revenue:				
Gross operating revenue	1,458,524	(686) [3]	96,408	1,554,246
Income transfers (net)	(608,580)	0	(96,220)	(704,800)
Total Operating Revenue	**849,944**	**(686)**	**188**	**849,446**
Expenses:				
O & M and other	840,783	53 [4]	1,297	842,133
Interest				
Federally financed	30	0	15	45
Total Interest	**30**	**0**	**15**	**45**
Total Expense	**840,813**	**53**	**1,312**	**842,178**
(Deficit)/Surplus revenue	9,131	(739)	(1,124)	7,268
Percent of investment repaid to date:				
Federal	N/A			N/A
Non-Federal	N/A			N/A
Nonpower	N/A			N/A

[1] This column ties to the cumulative FY 1999 numbers (unaudited) on page 156 of the FY 1999 Operations Summary Report.
[2] This column reflects FY 2000 unaudited cost data, and is based on FY 1999 audited data.
[3] FY 1999 adjustment to correct an overstatement of revenues.
[4] FY 1999 adjustment to correct an understatement of O&M expense.

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Falcon-Amistad Project

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation (GWh) [2] FY 2000	Net generation (GWh) [2] FY 1999
Texas									
Amistad	IBWC	Rio Grande	Jun 83	2	66 [3]	66	66	84	56
Falcon	IBWC	Rio Grande	Oct 54	3	32 [3]	32	32	40	31
Falcon-Amistad total				**5**	**98**	**98**	**98**	**124**	**88**

[1] 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.
[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] United States' share (50 percent) of plant capability.
IBWC— International Boundary and Water Commission, U.S. Dept. of Stat

Power Sales and Revenue

Customer	Service region	Contract rate of delivery [1] Summer (kW)	Contract rate of delivery [1] Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Rural electric cooperatives							
Texas							
Medina Electric Cooperative and South Texas Electric Cooperative	CRSP			123,943	4,120,916	87,958	3,291,652
Subtotal Texas				**123,943**	**4,120,916**	**87,958**	**3,291,652**
Total cooperatives				**123,943**	**4,120,916**	**87,958**	**3,291,652**
Falcon Amistad total				**123,943**	**4,120,916**	**87,958**	**3,291,652**

[1] Falcon-Amistad power is sold to Medina Electric Coop Assn and South Texas Electric Coop Assn on a take-all, pay-all basis.

Rate Action 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)	Annual incremental $(000)	Notes	Date submitted to FERC	Date of FERC confirmation
WAPA-85	Amistad/Falcon	Extension	N/A	N/A	6/8/99	N/A	Rate formula extension	N/A	N/A

Marketing Plan Summary

Project	Expiration date
Falcon-Amistad	June 8, 2033

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Falcon-Amistad Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000
Revenue:				
Gross operating revenue	73,010	(357)	4,121 [4]	76,774
Total Operating Revenue	**73,010**	**(357)**	**4,121**	**76,774**
Expenses:				
O & M and other	19,329	0	1,237	20,566
Interest				
Federally financed	43,714	(57)	2,207	45,865
Total Interest	**43,714**	**(57)**	**2,207**	**45,865**
Total Expense	**63,043**	**(57)**	**3,444**	**66,431**
(Deficit)/Surplus revenue	(275)	0	275	0
Investment:				
Federally financed power	44,508	0	73	44,581
Total Investment	**44,508**	**0**	**73**	**44,581**
Investment repaid:				
Federally financed power	10,243	(301)	401	10,343
Total Investment repaid	**10,243**	**(301)**	**401**	**10,343**
Investment unpaid:				
Federally financed power	34,265	301	(328)	34,237
Total Investment unpaid	**34,265**	**301**	**(328)**	**34,237**
Percent of investment repaid to date:				
Federal	23.01%			23.20%
Non-Federal	N/A			N/A
Nonpower	N/A			N/A

[1] This column ties to the cumulative FY 1999 numbers on page 158 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000.
[4] Revenues reflect data reported in the FY 2000 Operations Summary.

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Pacific NW—SW Intertie Project

Facilities and Substations

Facility	FY 2000	FY 1999
Substations		
Number of substations	3	3
Number of transformers	5	5
Transformer capacity (kVA)	5,131,167	5,131,167
Land (fee)		
Acres	4,528.71	4,528.71
Hectares	1,833.49	1,833.49
Land (easement)		
Acres	85.64	117.18
Hectares	34.67	47.44

Facility	FY 2000	FY 1999
Land (withdrawal)		
Acres	4,243.00	4,243.00
Hectares	1,717.82	1,717.82
Buildings and communications sites		
Number of buildings	13	9

Transmission Lines

	Arizona		California		Nevada		Total	
Voltage rating	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999	FY 2000	FY 1999
500-kV								
Circuit miles	0.00	0.00	448.27	448.27	0.00	0.00	448.27	448.27
Circuit kilometers	0.00	0.00	721.27	721.27	0.00	0.00	721.27	721.27
Acres	5,361.25	5,361.25	5,127.74	5,133.37	2,234.82	2,234.82	12,723.81	12,729.44
Hectares	2,170.55	2,170.55	2,076.01	2,078.29	904.79	904.79	5,151.35	5,153.63
345-kV								
Circuit miles	226.63	226.63	0.00	0.00	11.40	11.40	238.03	238.03
Circuit kilometers	364.65	364.65	0.00	0.00	18.34	18.34	382.99	382.99
Acres	4,117.50	4,117.50	0.00	0.00	185.40	185.40	4,302.90	4,302.90
Hectares	1,667.01	1,667.01	0.00	0.00	75.06	75.06	1,742.07	1,742.07
230-kV								
Circuit miles	41.39	41.39	33.59	33.59	0.00	0.00	74.98	74.98
Circuit kilometers	66.60	66.60	54.05	54.05	0.00	0.00	120.64	120.64
Acres	384.77	89.14	573.50	569.72	0.00	0.00	958.27	658.86
Hectares	155.78	36.09	232.19	230.66	0.00	0.00	387.96	266.75
69-kV and below								
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Acres	0.00	0.00	0.00	0.00	278.78	278.78	278.78	367.92
Hectares	0.00	0.00	0.00	0.00	112.87	112.87	112.87	148.96
Totals								
Circuit miles	268.02	268.02	481.86	481.86	11.40	11.40	761.28	761.28
Circuit kilometers	431.24	431.24	775.31	775.31	18.34	18.34	1,224.90	1,224.90
Acres	9,863.52	9,567.89	5,701.24	5,703.09	2,699.00	2,699.00	18,263.76	17,969.98
Hectares	3,993.34	3,873.65	2,308.20	2,308.95	1,092.71	1,092.71	7,394.25	7,275.31

Rate Action 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)	Annual incremental $(000)	Notes	Date submitted to FERC
WAPA-91	Intertie	Transmission	6/7/00	INT-FT2	10/1/00	$0	Rate Extension	8/29/00

Transmission Revenues

Transmission service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Long-term firm point-to-point	8,737,212	7,586,643
Nonfirm point-to-point	3,222,029	417,510
Total	**11,959,241**	**8,004,153**

Ancillary Services Revenues

Ancillary Service	FY 2000 Revenue ($)	FY 1999 Revenue ($)
Operating reserves—spinning	0	135,870
Total	**0**	**135,870**

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Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate		
2000				
AC Intertie	INT-FT3, firm point-to-point transmission; 230/345-kV transmission system	$12 per kW per year ($1 per kW per month)		1/1/99
	INT-FT3, short-term firm point-to-point transmission; 230/345-kV transmission system	Yearly	$12 per kW	1/2/03
		Monthly	$1 per kW	
		Weekly	$0.23 per kW	
		Daily	$0.03 per kW	
		Hourly	$0.00137 per kWh	
	INT-NTS1, network transmission service	Product of the network customer's load ratio share times 1/12 of the total net annual transmission revenue requirement.		4/1/99
	DSW-SD1, Scheduling, System Control & Dispatch Ancillary Service	$45-$73.30/Schedule/day		10/1/00
	DSW-RS1, Reactive Supply and Voltage Control Ancillary Service	$0.05/kW-mo		10/1/00
	DSW-EI1, Energy Imbalance Ancillary Service	100 mills penalty may be charged		10/1/00
	DSW-FR1, Regulation & Frequency Response Ancillary Service	If available, equal to capacity charge of Project		10/1/00
	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.		10/1/00
	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.		10/1/00

Pacific Northwest-PacificSouthwest Intertie Project Status of Repayment

Cumulative activities as of Sept. 30, 2000

(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments	Annual 2000 [2]	Cumulative 2000
Revenue:				
Gross operating revenue	118,342	(88) [3]	16,104	134,358
Total Operating Revenue	**118,342**	**(88)**	**16,104**	**134,358**
Expenses:				
O & M and other	57,763	810 [4]	5,963	64,536
Interest				
Federally financed	102,200	(339) [5]	18,295	120,157
Total Interest	**102,200**	**(339)**	**18,295**	**120,157**
Total Expense	**159,963**	**471**	**24,259**	**184,693**
(Deficit)/Surplus revenue	(43,142)	(559)	(8,155)	(51,856)
Investment:				
Federally financed power	208,831	(344) [6]	0	208,487
Total Investment	**208,831**	**(344)**	**0**	**208,487**
Investment repaid:				
Federally financed power	1,521	0	0	1,521
Total Investment repaid	**1,521**	**0**	**0**	**1,521**
Investment unpaid:				
Federally financed power	207,310	(344) [7]	0	206,966
Total Investment unpaid	**207,310**	**(344)**	**0**	**206,966**
Percent of investment repaid to date:				
Federal	0.73%			0.73%
Non-Federal	N/A			N/A

[1] This column ties to the cumulative FY 1999 numbers (unaudited) on page 160 of the FY 1999 Operations Summary Report.
[2] This column reflects FY 2000 unaudited cost data, and is based on FY 1999 audited data.
[3] FY 1999 adjustment to correct an overstatement of revenues.
[4] FY 1999 adjustment to correct an understatement of O&M expenses.
[5] FY 1999 adjustment to correct an overstatement of interest expense.
[6] FY 1999 adjustment to correct an overstatement of cumulative investments.
[7] FY 1999 adjustment to correct an overstatement of cumulative unpaid investments.

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Provo River Project

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	Actual operating capability (MW) July 1, 1999	Net generation (GWh) [2] FY 2000	Net generation (GWh) [2] FY 1999
Utah									
Deer Creek	PRWUA	Provo	Feb 58	2	5	5	5	25	32
Provo River total				**2**	**5**	**5**	**5**	**25**	**32**

[1] 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.

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

PRWUA—Provo River Water Users Assn.

Marketing Plan Summary

Project	Expiration date
Provo River	Sept. 30, 2008

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)	Annual incremental $(000)	Notes	Date submitted to FERC
WAPA-87	Provo	Extension	N/A	N/A	04/01/00	N/A	Rate formula extension	02/14/00

Power Sales and Revenue

Customer	Service region	Contract rate of delivery Summer (kW)	Contract rate of delivery Winter (kW)	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Municipalities							
Utah							
Utah Associated Municipal Power Systems	CRSP			80	81,126	2,401	62,478
Utah Municipal Power Agency	CRSP			14,185	189,300	14,550	145,783
Subtotal Utah				**14,265**	**270,426**	**16,951**	**208,261**
Total municipalities				**14,265**	**270,426**	**16,951**	**208,261**
Provo River Project total				**14,265**	**270,426**	**16,951**	**208,261**

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Provo River Project
Status of Repayment
Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999 [1]	Adjustments [2]	Annual 2000 [3]	Cumulative 2000
Revenue:				
Gross operating revenue	6,186	(117)	270 [4]	6,340
Total Operating Revenue	**6,186**	**(117)**	**270**	**6,340**
Expenses:				
O & M and other	3,657	(40)	280	3,896
Purchase power and other	109	(30)	0	80
Interest				
Federally financed	789	(3)	27	813
Total Interest	**789**	**(3)**	**27**	**813**
Total Expense	**4,555**	**(73)**	**307**	**4,789**
(Deficit)/Surplus revenue	217	(23)	(36)	157
Investment:				
Federally financed power	1,571	0	0	1,571
Nonpower	192	0	0	192
Total Investment	**1,762**	**0**	**0**	**1,762**
Investment repaid:				
Federally financed power	1,223	(21)	0	1,202
Nonpower	192	0	0	192
Total Investment repaid	**1,415**	**(21)**	**0**	**1,394**
Investment unpaid:				
Federally financed power	347	21	0	368
Total Investment unpaid	**347**	**21**	**0**	**368**
Percent of investment repaid to date:				
Federal	77.88%			76.55%
Non-Federal	N/A			N/A
Nonpower	100.00%			100.00%

[1] This column ties to the cumulative FY 1999 numbers on page 162 of the FY 1999 Operations Summary.
[2] Adjustments reflect the FY 1999 audited financial statements.
[3] Based on estimates for FY 2000.
[4] Revenues reflect data reported in the FY 2000 Operations Summary.

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Washoe Project

Energy Resource and Disposition

	(GWh) FY 2000	FY 1999
Energy resources		
Net generation	12	15
Total energy resources	**12**	**15**
Energy disposition		
Sales of electric energy		
Western sales	12	15
Total energy sales	12	15
Total energy delivered	**12**	**15**
Total energy disposition	**12**	**15**

Marketing Plan Summary

Project	Expiration date
Washoe Projects	Dec. 31, 2004

Powerplants

Project/state/ plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capability [1] FY 2000 (MW)	Actual operating capability (MW) July 1, 2000	July 1, 1999	Net generation (GWh) [2] FY 2000	FY 1999
California									
Stampede	Reclamation	Little Truckee	Dec 86	1	3	3	3	12	15
Washoe total				**1**	**3**	**3**	**3**	**12**	**15**

[1] 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.
[2] Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

Non-firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge ($/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2000	SNF-4	None	Floor: 17.89 mills/kWh Ceiling: 80.44 mills/kWh	10/1/95	N/A

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)	Annual incremental $(000)	Date submitted to FERC	Date of FERC confirmation
WAPA-93	Washoe Project	Increase	03/28/00	10/01/00	SNF-5	50	08/23/00	10/19/00

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Power Sales and Revenue

Customer	FY 2000 Energy (MWh)	FY 2000 Revenue ($)	FY 1999 Energy (MWh)	FY 1999 Revenue ($)
Investor-owned utilities				
Nevada				
Sierra-Pacific Power Co.	12,338	224,366	15,191	271,773
Subtotal Nevada	12,338	224,366	15,191	271,773
Total Investor-owned utilities	**12,338**	**224,366**	**15,191**	**271,773**
Washoe Project total	**12,338**	**224,366**	**15,191**	**271,773**

Washoe Project Status of Repayment

Cumulative activities as of Sept. 30, 2000
(Dollars in thousands)

	Cumulative 1999	Adjustments	Annual 2000	Cumulative 2000
Revenue:				
Gross operating revenue	1,867	0	221	2,088
Total Operating Revenue	**1,867**	**0**	**221**	**2,088**
Expenses:				
O & M and other	2,017	0	177	2,194
Interest				
Federally financed	2,977	0	284	3,261
Total Interest	**2,977**	**0**	**284**	**3,261**
Total Expense	**4,994**	**0**	**461**	**5,455**
(Deficit)/Surplus revenue	(3,127)	0	(240)	(3,367)
Investment:				
Federally financed power	4,509	0	53 [1]	4,562
Total Investment	**4,509**	**0**	**53**	**4,562**
Investment unpaid:				
Federally financed power	4,509	0	53	4,562
Total Investment unpaid	**4,509**	**0**	**53**	**4,562**
Percent of investment repaid to date:				
Federal	0.00%			0.00%
Non-Federal	N/A			N/A

[1] Adjustment to the plant is based on Reclamation's cost allocation percentages.

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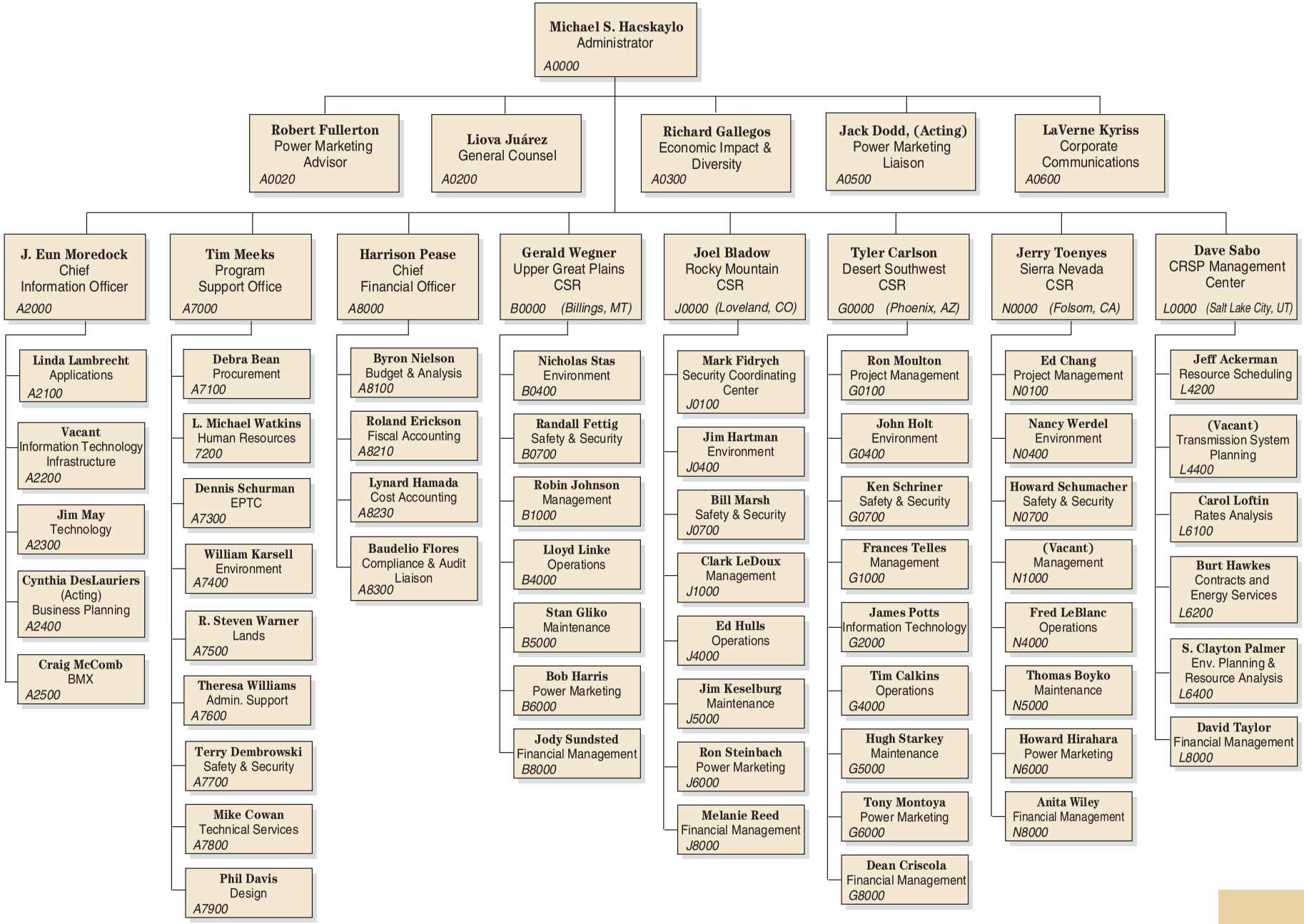
Management Directory

Name/Title	Telephone
Jeff Ackerman	
CRSP MC resource scheduling lead	970-240-6209
Debra Bean	
Procurement manager	720-962-7160
Joel Bladow	
RM regional manager	970-490-7201
Tom Boyko	
SN maintenance manager	916-353-4014
Tim Calkins	
DSW operations manager	602-352-2645
Tyler Carlson	
DSW regional manager	602-352-2453
Ed Chang	
SN Project manager	916-353-4474
Mike Cowan	
Technical services manager	720-962-7245
Dean Criscola	
DSW financial manager	602-352-2566
Phil Davis	
Design manager	720-962-7330
Terrence Dembrowski	
Safety and security manager	720-962-7292
Cynthia Des Lauriers	
IS business planning	720-962-7123
Jack Dodd, acting	
Asst. Administrator for power marketing	202-586-5581
Roland Erickson	
Fiscal accounting manager	720-962-7460
Randall Fettig	
UGP safety and security manager	406-247-7397
Mark Fidrych	
Security coordinating center manager	970-461-7240
Bob Flores	
Compliance and audit liaison manager	720-962-7440
Bob Fullerton	
Power marketing advisor	720-962-7079
Richard Gallegos	
Economic impact and diversity manager	720-962-7044
Stan Gliko	
UGP maintenance manager (Huron)	605-353-9400
Michael S. Hacskaylo	
Administrator	720-962-7077
Lynard Hamada	
Cost accounting manager	720-962-7520
Bob Harris	
UGP power marketing manager	406-247-7394
Jim Hartman	
RM environmental manager	970-490-7450
Burt Hawkes	
CRSP MC contracts and energy services lead	801-524-3344
Howard Hirahara	
SN power marketing manager	916-353-4421
John Holt	
DSW environmental manager	602-352-2592
Ed Hulls	
RM operations manager	970-490-7566
E. Bruce Hunt	
Aviation manager	720-962-7313
Robin Johnson	
UGP administrative officer	406-247-7426
Liova Juárez	
General Counsel	720-962-7015
William Karsell	
Environmental manager	720-962-7252
Jim Keselburg	
RM maintenance manager	970-490-7261

Name/Title	Telephone
LaVerne Kyriss	
Corporate communications manager	720-962-7051
Linda Lambrecht	
IT applications manager	720-962-7205
Clark LeDoux	
RM administrative officer	970-490-7232
Lloyd Linke	
UGP operations manager (Watertown)	605-882-7500
Carol Loftin	
CRSP MC rates analysis lead	801-524-6380
Bill Marsh	
RM safety and security manager	970-490-7449
Jim May	
Technology manager	720-962-7570
Craig McComb	
BMX manager	720-962-7240
Tim Meeks	
Chief program support officer	720-962-7071
Tony Montoya	
DSW power marketing manager	602-352-2789
J. Eun Moredock	
Chief information officer	720-962-7241
Ron Moulton	
DSW Project management	602-352-2668
Byron Nielson	
Budget and analysis manager	720-962-7450
S. Clayton Palmer	
CRSP MC envir. planning & resource analysis lead	801-524-3522
Harrison Pease	
Chief financial officer	720-962-7500
Jim Potts	
DSW IT manager	602-352-2778
Melanie Reed	
RM financial manager	970-490-7229
Dave Sabo	
CRSP MC manager	801-524-6372
Howard Schumacher	
SN safety and security manager	916-353-4461
Dennis Schurman	
Electric Power Training Center manager	720-962-7335
Hugh Starkey	
DSW maintenance manager	602-352-2440
Nicholas Stas	
UGP environmental manager	406-247-7399
Ron Steinbach	
RM power marketing manager	970-490-7370
Jody Sundsted	
UGP financial manager	406-247-7417
David Taylor	
CRSP MC financial manager	801-524-5503
Frances Telles	
DSW administrative officer	602-352-2404
Jerry Toenyes	
SN regional manager	916-353-4418
Steve Warner	
Lands manager	720-962-7270
L. Michael Watkins	
Human resources and organization manager	720-962-7120
Gerald Wegner	
UGP regional manager	406-247-7405
Nancy Werdel	
SN environmental manager	916-353-4537
Anita Wiley	
SN financial manager	916-353-4558
Theresa Williams	
CSO administrative support manager	720-962-7170
Vacant	
DSW safety and security manager	602-352-2695



Western Area Power Administration

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Duty locations

- *State boundaries*
- ★ *Regional office*
- ✪ *Corporate Services Office*
- ✸ *CRSP Management Center*
- ◐ *Maintenance Office*
- ○ *Operations Office*
- • *Duty Station*

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To reach us

Call or write your local Western office or the Corporate Communications Office at our Corporate Services Office in Lakewood, Colo., to share your comments or to find out more about Western. Our addresses and phone numbers are listed below.

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Western Area Power Administration
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406-247-7405

Rocky Mountain Regional Office
Western Area Power Administration
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Loveland, CO 80539-3003
970-490-7200

Desert Southwest Regional Office
Western Area Power Administration
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Phoenix, AZ 85005-6457
602-352-2525

Sierra Nevada Regional Office
Western Area Power Administration
114 Parkshore Drive
Folsom, CA 95630-4710
916-353-4416

CRSP Management Center
Western Area Power Administration
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Salt Lake City, UT 84147-0606
801-524-5493

Electric Power Training Center
Western Area Power Administration
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Lakewood, CO 80228-8213
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U.S. Department of Energy
Room 8G-027, Forrestal Building
1000 Independence Avenue, SW
Washington, DC 20585-0001
202-586-5581

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For no-cost energy-related technical assistance within Western's service territory, call **1-800-POWERLN (1-800-769-3756)**

4/01