

**WESTERN AREA POWER ADMINISTRATION
HYDRO CONDITIONS AND PURCHASE POWER REPORT
October 2017 Final**

| | Generation (Megawatt-Hours [MWh]) | | | | Purchase Power (MWh) | Purchase Power Expenses (Dollars) | | |
|-----------------------------------------------|-----------------------------------|------------|------------|------------|-----------------------|-----------------------------------|--------------|--------------|
| | Projected | Most | Average | Actual | Actual | Projected | Most | Actual |
| | Dry | Probable | | | | Dry | Probable | |
| Oct 16 | 1,315,017 | 1,426,426 | 1,875,969 | 1,427,953 | 309,915 | \$14,667,625 | \$9,521,646 | \$7,817,007 |
| Nov 16 | 1,383,358 | 1,355,599 | 1,760,444 | 1,389,326 | 430,049 | \$16,259,488 | \$12,897,315 | \$10,215,455 |
| Dec 16 | 1,328,808 | 1,461,830 | 1,702,290 | 1,591,771 | 411,464 | \$18,684,123 | \$12,067,535 | \$10,590,357 |
| Jan 17 | 1,491,887 | 1,745,023 | 1,873,622 | 1,855,506 | 411,553 | \$12,363,090 | \$9,284,807 | \$10,242,494 |
| Feb 17 | 1,398,791 | 1,649,920 | 1,721,646 | 1,734,010 | 440,843 | \$11,517,410 | \$7,943,048 | \$8,262,192 |
| Mar 17 | 1,925,710 | 2,008,918 | 1,965,516 | 2,193,546 | 253,197 | \$9,056,101 | \$5,158,661 | \$4,993,515 |
| Apr 17 | 2,364,984 | 2,543,514 | 2,174,480 | 2,532,826 | 49,855 | \$6,389,186 | \$2,097,912 | \$1,028,390 |
| May 17 | 2,665,575 | 2,932,309 | 2,508,027 | 2,891,132 | 109,511 | \$3,467,957 | \$3,434,907 | \$2,922,388 |
| Jun 17 | 2,768,173 | 3,078,396 | 2,621,548 | 2,966,706 | 35,941 | \$3,457,260 | \$1,190,198 | \$1,543,967 |
| Jul 17 | 2,851,670 | 3,016,252 | 2,859,659 | 2,883,856 | 81,949 | \$3,405,663 | \$1,485,892 | \$3,099,972 |
| Aug 17 | 2,569,845 | 2,779,607 | 2,617,268 | 2,664,513 | 105,437 | \$5,008,519 | \$3,548,585 | \$3,970,910 |
| Sep 17 | 1,988,640 | 2,284,965 | 2,202,959 | 2,151,182 | 139,387 | \$7,221,573 | \$3,852,828 | \$4,732,779 |
| Total | 24,052,459 | 26,282,759 | 25,883,426 | 26,282,328 | 2,779,103 | \$111,497,995 | \$72,483,334 | \$69,419,425 |
| Actual generation as a percentage of average: | | | | 101.5% | Cost per MWh: \$24.98 | | | |

Western Area Power Administration (WAPA) generated a total of 26,282 gigawatt-hours (GWh) during October through September of fiscal year 2017, or 101.5 percent of the average. For the same period, total purchase power was 2,779 GWh and total purchase power expenses were \$69,419,425, which equates to \$24.98 per MWh.

The following pages indicate WAPA's Regional snowpack, lake/reservoir inflow and content, generation, and purchase power expenses, among other things. Snowpack is reported as snow water equivalent, which is the depth of water that theoretically would result if the entire snowpack is melted instantaneously.

Colorado River Storage Project

| | Snowpack (Inches in Snow Water Equivalent) | | Lake/Reservoir Inflow (Thousand Acre-Feet) | | Lake/Reservoir Content (Million Acre-Feet) | | Generation (MWh) | | | | Purchase Power (MWh) | Purchase Power Expenses (Dollars) | | |
|---------------|--------------------------------------------------|--------|-----------------------------------------------|----------|--------------------------------------------------|--------|------------------|------------------|-----------|-----------|----------------------------|-----------------------------------|------------------|--------------|
| | Median | Actual | Average | Actual | Average | Actual | Projected Dry | Most Probable | Average | Actual | Actual | Projected Dry | Most Probable | Actual |
| | Oct 16 | 1.30 | 0.20 | 514.42 | 381.00 | 15.01 | 12.68 | 248,012 | 340,536 | 382,430 | 384,045 | 64,165 | \$6,704,081 | \$1,491,591 |
| Nov 16 | 4.80 | 2.60 | 474.23 | 383.00 | 14.91 | 12.31 | 230,952 | 315,541 | 388,155 | 334,811 | 127,238 | \$7,549,826 | \$2,850,078 | \$3,213,841 |
| Dec 16 | 8.10 | 8.50 | 362.96 | 300.00 | 14.86 | 11.80 | 270,310 | 445,186 | 437,962 | 460,333 | 48,822 | \$7,692,571 | \$1,292,373 | \$1,282,528 |
| Jan 17 | 11.50 | 16.00 | 361.45 | 359.00 | 14.98 | 11.36 | 355,138 | 431,244 | 457,394 | 455,508 | 57,227 | \$4,412,679 | \$1,231,482 | \$1,678,096 |
| Feb 17 | 15.10 | 21.00 | 392.01 | 555.00 | 15.99 | 11.22 | 265,647 | 387,432 | 390,580 | 393,646 | 61,657 | \$5,024,221 | \$1,531,108 | \$1,555,701 |
| Mar 17 | 18.90 | 22.00 | 666.27 | 1,110.00 | 16.77 | 11.36 | 272,465 | 405,609 | 390,170 | 458,176 | 29,840 | \$5,517,603 | \$1,111,921 | \$644,587 |
| Apr 17 | 19.40 | 21.00 | 1,057.14 | 1,607.00 | 16.74 | 12.15 | 250,695 | 404,074 | 397,861 | 427,891 | 10,935 | \$3,468,325 | \$93,697 | \$210,181 |
| May 17 | 7.90 | 11.00 | 2,337.68 | 2,377.00 | 16.30 | 13.67 | 320,070 | 572,228 | 501,886 | 553,204 | 86,530 | \$2,044,585 | \$1,990,190 | \$1,455,945 |
| Jun 17 | 0.00 | 1.00 | 2,668.50 | 3,115.00 | 16.00 | 15.41 | 337,289 | 607,167 | 585,467 | 592,541 | 2,885 | \$2,301,440 | \$22,746 | \$44,051 |
| Jul 17 | 0.00 | 1.10 | 1,093.88 | 1,073.00 | 15.88 | 15.39 | 436,357 | 505,605 | 612,093 | 556,270 | 4,635 | \$708,807 | \$70,408 | \$97,798 |
| Aug 17 | 0.00 | 1.00 | 496.08 | 446.00 | 15.68 | 14.95 | 429,891 | 556,396 | 554,076 | 555,562 | 3,979 | \$1,004,331 | \$3,076 | \$67,921 |
| Sep 17 | 0.00 | 1.20 | 405.88 | 196.00 | 15.38 | 14.66 | 323,889 | 471,600 | 471,043 | 468,772 | 7,083 | \$2,244,686 | \$0 | \$267,004 |
| Total | | | | | | | 3,740,716 | 5,442,618 | 5,569,117 | 5,640,759 | 504,996 | \$48,673,154 | \$11,688,670 | \$12,200,933 |

Actual generation as a percentage of average: 101.3%

Cost per MWh: \$24.16

Lake/Reservoir Levels

Lake Powell's elevation was 3,628 feet at the end of September, about 72 feet below the maximum reservoir level and about 138 feet above the minimum generation level. The storage volume for Lake Powell was 14.66 million acre-feet at the end of September, which is about 60 percent of capacity. Lake Powell elevation peaked at 3,635 feet in August.

Weather and Other Conditions

It was determined in October that there would be no Fall high flow experiment at Glen Canyon Dam, which typically costs about \$2 million to conduct due to reduced generation and increased purchase power.

Desert Southwest Region

| | Snowpack (Inches in Snow Water Equivalent) | | Lake/Reservoir Inflow (Thousand Acre-Feet) | | Lake/Reservoir Content (Million Acre-Feet) | | Generation (MWh) | | | | Purchase Power (MWh) | Purchase Power Expenses (Dollars) | | |
|---------------|--------------------------------------------------|--------|-----------------------------------------------|--------|--------------------------------------------------|--------|------------------|------------------|-----------|-----------|----------------------------|-----------------------------------|------------------|-------------|
| | Median | Actual | Average | Actual | Average | Actual | Projected Dry | Most Probable | Average | Actual | Actual | Projected Dry | Most Probable | Actual |
| | Oct 16 | 1.30 | 0.20 | 60.29 | 79.00 | 20.40 | 11.75 | 282,630 | 282,630 | 378,811 | 290,888 | 5,020 | \$165,459 | \$165,459 |
| Nov 16 | 4.80 | 2.60 | 54.10 | 78.00 | 20.31 | 11.90 | 345,830 | 373,020 | 363,391 | 374,705 | 1,933 | \$90,031 | \$64,805 | \$67,578 |
| Dec 16 | 8.10 | 8.50 | 73.53 | 63.00 | 20.44 | 12.31 | 254,600 | 268,015 | 372,094 | 277,597 | 13,258 | \$388,103 | \$289,603 | \$547,756 |
| Jan 17 | 11.50 | 16.00 | 93.88 | 126.00 | 20.59 | 12.80 | 284,450 | 253,225 | 395,966 | 255,068 | 21,520 | \$535,169 | \$535,169 | \$968,735 |
| Feb 17 | 15.10 | 21.00 | 110.31 | 148.00 | 20.62 | 13.11 | 328,350 | 292,965 | 390,077 | 268,179 | 2,595 | \$0 | \$0 | \$100,137 |
| Mar 17 | 18.90 | 22.00 | 102.80 | 99.00 | 20.40 | 13.00 | 558,800 | 504,200 | 531,483 | 496,001 | 12,330 | \$72,840 | \$391,582 | \$431,639 |
| Apr 17 | 19.40 | 21.00 | 84.98 | 94.00 | 20.25 | 12.70 | 524,735 | 524,735 | 571,605 | 537,707 | 4,094 | \$93,243 | \$93,243 | \$158,425 |
| May 17 | 7.90 | 11.00 | 59.42 | 40.00 | 20.36 | 12.45 | 487,280 | 487,280 | 571,204 | 491,336 | 22,788 | \$595,658 | \$595,658 | \$790,586 |
| Jun 17 | 0.00 | 1.00 | 26.38 | 18.00 | 20.56 | 12.26 | 467,615 | 467,615 | 537,300 | 466,470 | 19,285 | \$582,202 | \$582,202 | \$738,041 |
| Jul 17 | 0.00 | 1.10 | 66.54 | 88.00 | 20.47 | 12.27 | 462,330 | 462,330 | 548,865 | 465,914 | 24,972 | \$904,397 | \$904,397 | \$1,182,803 |
| Aug 17 | 0.00 | 1.00 | 99.68 | 94.00 | 20.34 | 12.41 | 362,615 | 362,615 | 512,355 | 370,861 | 36,987 | \$2,334,718 | \$2,334,718 | \$2,168,125 |
| Sep 17 | 0.00 | 1.20 | 87.84 | 70.00 | 20.23 | 12.35 | 327,145 | 327,145 | 432,145 | 330,821 | 53,933 | \$2,570,472 | \$2,570,472 | \$2,325,052 |
| Total | | | | | | | 4,686,380 | 4,605,775 | 5,605,296 | 4,625,547 | 218,715 | \$8,332,292 | \$8,527,308 | \$9,686,758 |

Actual generation as a percentage of average: 82.5%

Cost per MWh: \$44.29

Lake/Reservoir Levels

Lake Mead's elevation was 1,082 feet at the end of September, about 138 feet below the full storage level and about 132 feet above the new minimum generation level of 950 feet. Lake Mead started the water year with a minimum elevation of 1,076 feet in October and reached a peak elevation of 1,090 feet in February.

Weather and Other Conditions

The Desert Southwest Region's hydrology is mostly dependent on the Colorado River Basin snowpack and precipitation above Lake Powell. The precipitation was 81 percent of average at the end of September.

Rocky Mountain Region

| | Snowpack (Inches in Snow Water Equivalent) | | Lake/Reservoir Inflow (Thousand Acre-Feet) | | Lake/Reservoir Content (Million Acre-Feet) | | Generation (MWh) | | | | Purchase Power (MWh) | Purchase Power Expenses (Dollars) | | |
|---------------|--------------------------------------------------|----------|-----------------------------------------------|----------|--------------------------------------------------|--------|------------------|------------------|-----------|-----------|----------------------------|-----------------------------------|------------------|-------------|
| | Median | Actual | Average | Actual | Average | Actual | Projected Dry | Most Probable | Average | Actual | Actual | Projected Dry | Most Probable | Actual |
| | Oct 16 | | | 138.60 | 177.30 | 3.85 | 4.66 | 93,769 | 98,500 | 82,866 | 90,186 | 38,607 | \$1,918,912 | \$1,768,512 |
| Nov 16 | | | 120.30 | 145.10 | 3.85 | 4.72 | 57,639 | 59,762 | 78,718 | 56,073 | 83,260 | \$3,104,240 | \$3,033,840 | \$2,118,600 |
| Dec 16 | 268.10 | 160.50 | 98.80 | 106.40 | 3.82 | 4.69 | 91,252 | 93,448 | 101,061 | 102,574 | 66,034 | \$2,601,536 | \$2,534,336 | \$1,890,923 |
| Jan 17 | 417.90 | 452.40 | 96.60 | 114.70 | 3.79 | 4.67 | 108,118 | 110,236 | 111,274 | 127,252 | 26,448 | \$2,062,592 | \$1,995,392 | \$1,050,702 |
| Feb 17 | 849.60 | 1,170.80 | 96.30 | 173.50 | 3.79 | 4.79 | 97,795 | 99,700 | 99,585 | 129,713 | -1,530 | \$1,254,624 | \$1,193,824 | \$28,939 |
| Mar 17 | 1,105.20 | 1,524.90 | 159.00 | 293.50 | 4.13 | 4.70 | 124,712 | 136,697 | 118,178 | 191,665 | -12,237 | \$785,728 | \$401,728 | -\$225,351 |
| Apr 17 | 1,342.80 | 1,552.90 | 250.20 | 462.40 | 3.85 | 4.50 | 135,854 | 164,886 | 138,114 | 246,662 | -10,909 | \$1,295,328 | \$367,328 | -\$170,788 |
| May 17 | 1,231.50 | 1,441.80 | 696.50 | 1,120.10 | 4.19 | 4.41 | 217,579 | 252,286 | 197,941 | 245,430 | -868 | \$0 | \$0 | \$35,885 |
| Jun 17 | 304.70 | 579.90 | 1,124.80 | 2,054.20 | 4.76 | 5.78 | 231,289 | 311,890 | 244,139 | 300,898 | -18,731 | \$0 | \$0 | -\$104,081 |
| Jul 17 | | | 519.90 | 875.80 | 4.59 | 5.45 | 221,682 | 261,731 | 254,121 | 264,905 | 8,888 | \$1,290,592 | \$10,592 | \$823,470 |
| Aug 17 | | | 186.90 | 247.00 | 4.99 | 4.02 | 177,845 | 192,238 | 201,774 | 186,761 | 20,798 | \$1,067,520 | \$606,720 | \$1,038,160 |
| Sep 17 | | | 129.90 | 276.10 | 4.60 | 3.84 | 105,931 | 137,143 | 138,260 | 134,503 | 21,930 | \$1,623,616 | \$625,216 | \$852,240 |
| Total | | | | | | | 1,663,463 | 1,918,515 | 1,766,033 | 2,076,622 | 221,690 | \$17,004,688 | \$12,537,488 | \$8,314,367 |

Actual generation as a percentage of average: 117.6%

Cost per MWh: \$37.50

Lake/Reservoir Content

The overall reservoir content at the end of September was 83.5 percent of average.

Weather and Other Conditions

The Loveland Area Projects (LAP) area remains drought free but the trend is for drier conditions in some areas. The latest National Weather Service forecast indicates November through January temperatures are more likely to be above normal, and the precipitation is just as likely to be above normal in Wyoming and eastern Colorado while more likely to be normal west of the Continental Divide in Colorado. LAP generation is expected to be less than the marketed amount through next March. Colorado-Big Thompson Project generation will be restricted during a Charles Hansen Feeder Canal siphon repair scheduled from August through mid-November.

Note: The Rocky Mountain Region's (RMR) most recent reported purchase power data are provisional values and may change.

Sierra Nevada Region

| | Snowpack (Inches in Snow Water Equivalent) | | Lake/Reservoir Inflow (Thousand Acre-Feet) | | Lake/Reservoir Content (Million Acre-Feet) | | Generation (MWh) | | | | Purchase Power (MWh) | Purchase Power Expenses (Dollars) | | |
|--------------|--------------------------------------------------|--------|-----------------------------------------------|----------|--------------------------------------------------|--------|------------------|------------------|-----------|-----------|----------------------------|-----------------------------------|------------------|--------------|
| | Median | Actual | Average | Actual | Average | Actual | Projected Dry | Most Probable | Average | Actual | Actual | Projected Dry | Most Probable | Actual |
| Oct 16 | | | 336.00 | 561.00 | 5.26 | 4.66 | 121,000 | 146,000 | 163,000 | 100,955 | 56,052 | \$1,179,286 | \$1,179,286 | \$1,536,064 |
| Nov 16 | 4.76 | 3.00 | 399.00 | 706.00 | 5.21 | 4.99 | 104,000 | 34,000 | 104,000 | 42,525 | 57,080 | \$1,139,734 | \$1,139,734 | \$1,582,259 |
| Dec 16 | 9.09 | 6.00 | 1,046.00 | 1,621.00 | 5.72 | 5.63 | 79,000 | 19,000 | 143,000 | 115,177 | 54,748 | \$1,179,286 | \$1,179,286 | \$1,280,611 |
| Jan 17 | 27.78 | 30.00 | 1,167.00 | 3,436.00 | 6.13 | 6.43 | 78,000 | 293,000 | 163,000 | 385,479 | 32,534 | \$499,500 | \$499,500 | \$643,343 |
| Feb 17 | 27.78 | 45.00 | 1,339.00 | 5,725.00 | 6.71 | 7.68 | 139,000 | 300,000 | 195,000 | 439,436 | 19,673 | \$479,520 | \$479,520 | \$579,856 |
| Mar 17 | 28.22 | 46.00 | 1,553.00 | 2,574.00 | 7.46 | 8.61 | 290,000 | 330,000 | 207,000 | 399,223 | 26,567 | \$539,460 | \$539,460 | \$642,682 |
| Apr 17 | 25.77 | 42.00 | 1,380.00 | 2,758.00 | 7.88 | 9.29 | 431,000 | 426,000 | 288,000 | 426,215 | 20,089 | \$499,500 | \$499,500 | \$555,974 |
| May 17 | 27.87 | 17.00 | 1,303.00 | 2,259.00 | 7.91 | 9.66 | 526,000 | 516,000 | 442,000 | 617,375 | 11,820 | \$519,480 | \$519,480 | \$582,074 |
| Jun 17 | 0.00 | 2.00 | 804.00 | 1,320.00 | 7.49 | 9.51 | 537,000 | 522,000 | 440,000 | 469,577 | 31,382 | \$519,480 | \$519,480 | \$845,693 |
| Jul 17 | | | 451.00 | 623.00 | 6.71 | 8.98 | 539,000 | 564,000 | 524,000 | 438,703 | 40,530 | \$499,500 | \$499,500 | \$899,558 |
| Aug 17 | | | 350.00 | 452.00 | 6.05 | 8.34 | 445,000 | 515,000 | 402,000 | 420,428 | 42,722 | \$539,460 | \$539,460 | \$708,381 |
| Sep 17 | | | 317.00 | 398.00 | 5.63 | 7.86 | 356,000 | 411,000 | 269,000 | 302,021 | 45,139 | \$499,500 | \$499,500 | \$1,061,945 |
| Total | | | | | | | 3,645,000 | 4,076,000 | 3,340,000 | 4,157,115 | 438,338 | \$8,093,706 | \$8,093,706 | \$10,918,440 |

Actual generation as a percentage of average: 124.5%

Cost per MWh: \$24.91

Lake/Reservoir Content

As of September 30, accumulated inflow for the water year was 171 percent of the 15-year average for Trinity, 181 percent for Shasta, 281 percent for Folsom, and 271 percent for New Melones. Reservoir storage as of the same date was 125 percent of the 15-year average for Trinity, 138 percent for Shasta, 142 percent for Folsom, and 158 percent for New Melones.

Weather and Other Conditions

As of September 30, cumulative precipitation of the Northern Sierra Eight Station Index was at 186 percent of average for the date. The May 1 forecast for the 50 percent exceedence case is the basis for the official year type declaration, which was "wet" for this water year.

Note: The Sierra Nevada Region's (SNR) average generation is based upon long-term modeling done for its "Green Book." SNR does not project purchase power expenses for dry conditions, and its most probable expenses are based upon term purchases of 35 to 65 percent of projected power needs, with the difference being left to day-ahead markets after project pumping and generation have been scheduled.

Upper Great Plains Region

| | Snowpack (Inches in Snow Water Equivalent) | | Lake/Reservoir Inflow (Thousand Acre-Feet) | | Lake/Reservoir Content (Million Acre-Feet) | | Generation (MWh) | | | | Purchase Power (MWh) | Purchase Power Expenses (Dollars) | | |
|--------------|--------------------------------------------------|--------|-----------------------------------------------|-----------|--------------------------------------------------|--------|------------------|------------------|-----------|-----------|----------------------------|-----------------------------------|------------------|--------------|
| | Median | Actual | Average | Actual | Average | Actual | Projected Dry | Most Probable | Average | Actual | Actual | Projected Dry | Most Probable | Actual |
| | | | | | | | | | | | | | | |
| Oct 16 | 1.20 | 0.40 | 8,092.00 | 5,601.83 | 55.94 | 58.67 | 569,606 | 558,761 | 868,863 | 561,879 | 146,071 | \$4,699,887 | \$4,916,797 | \$3,414,114 |
| Nov 16 | 3.80 | 1.40 | 7,411.00 | 5,690.87 | 54.83 | 58.32 | 644,937 | 573,277 | 826,179 | 581,212 | 160,538 | \$4,375,658 | \$5,808,858 | \$3,233,177 |
| Dec 16 | 7.10 | 5.60 | 6,468.00 | 5,454.05 | 54.23 | 57.60 | 633,647 | 636,181 | 648,173 | 636,090 | 228,602 | \$6,822,627 | \$6,771,937 | \$5,588,539 |
| Jan 17 | 10.30 | 7.80 | 6,659.00 | 5,727.89 | 54.03 | 57.50 | 666,182 | 657,318 | 745,987 | 632,199 | 273,824 | \$4,853,151 | \$5,023,264 | \$5,901,618 |
| Feb 17 | 12.90 | 12.70 | 6,300.00 | 5,706.99 | 54.34 | 58.54 | 568,000 | 569,823 | 646,404 | 503,036 | 358,448 | \$4,759,045 | \$4,738,596 | \$5,997,559 |
| Mar 17 | 15.80 | 14.80 | 8,219.00 | 7,544.34 | 56.08 | 59.94 | 679,733 | 632,412 | 718,685 | 648,481 | 196,697 | \$2,140,470 | \$2,713,970 | \$3,499,958 |
| Apr 17 | 15.10 | 16.00 | 8,052.00 | 9,087.27 | 56.95 | 60.50 | 1,022,700 | 1,023,820 | 778,900 | 894,351 | 25,646 | \$1,032,790 | \$1,044,144 | \$274,598 |
| May 17 | 6.60 | 6.50 | 9,692.00 | 10,815.22 | 58.22 | 61.97 | 1,114,646 | 1,104,515 | 794,995 | 983,787 | -10,759 | \$308,233 | \$329,579 | \$57,898 |
| Jun 17 | 0.60 | 0.20 | 11,809.00 | 12,545.36 | 60.45 | 63.67 | 1,194,980 | 1,169,724 | 814,641 | 1,137,220 | 1,120 | \$54,138 | \$65,770 | \$20,263 |
| Jul 17 | | | 10,764.00 | 10,522.78 | 60.42 | 63.24 | 1,192,301 | 1,222,587 | 920,579 | 1,158,064 | 2,924 | \$2,367 | \$995 | \$96,343 |
| Aug 17 | | | 9,775.00 | 9,460.01 | 58.83 | 62.04 | 1,154,495 | 1,153,358 | 947,063 | 1,130,901 | 951 | \$62,490 | \$64,611 | -\$11,677 |
| Sep 17 | 0.09 | 0.58 | 8,698.00 | 7,840.43 | 57.27 | 61.34 | 875,676 | 938,077 | 892,511 | 915,065 | 11,302 | \$283,299 | \$157,640 | \$226,538 |
| Total | | | | | | | 10,316,901 | 10,239,851 | 9,602,980 | 9,782,285 | 1,395,364 | \$29,394,155 | \$31,636,163 | \$28,298,928 |

Actual generation as a percentage of average: 101.9% Cost per MWh: \$20.28

Lake/Reservoir Content

As of October 17, the active conservation pools for the Canyon Ferry and Yellowtail Dams were 81.9 percent and 99.2 percent full, respectively.

Weather and Other Conditions

The September runoff was 91 percent of normal. Runoff in the Fort Peck and Garrison reaches was well below average due to continued drought conditions, but runoff in the lower four reaches was above average due to normal precipitation. Drought conditions are present in all states of the Missouri River Basin and over a majority of the upper Basin. In Montana, 86 percent of the state is impacted by drought and 43 percent is impacted by Extreme (D3) and Exceptional (D4) Drought, with the most severe conditions present over the northeastern quarter of the state. In North Dakota, 63 percent of the state is impacted by drought and 3 percent is impacted by D3 and D4 Drought. In South Dakota, 59 percent of the state is impacted by drought and 6 percent is impacted by D3 and D4 Drought. Drought conditions have improved over the last month, but droughts are forecast to persist in Montana and the Dakotas through December.

Note: The Upper Great Plains Region reports its 50 percent share of generation from Yellowtail Dam, while RMR reports the snowpack, inflow, content, and remaining share of generation. Asterisks indicate that actual data is not available for the month.