OCT 1, 2012 / BASIC CONDITION / 19.0 MAF / BALANCED
FULL SERV / FULL SEAS
Elevations & Storages are for Date Shown
Avg Discharge & Energy are Monthly Values
Date of Study: October 1, 2012

| | 30-Sep-12 | 31-Oct | 2012 30-Nov | 31-Dec | 2013 31-Jan | 28-Feb |
|---|---|---|---|---|---|---|
| FORT PECK ------- | | | | | | |
| ELEV FTMSL | 2231.8 | 2229.5 | 2227.7 | 2225.9 | 2223.8 | 2222.0 |
| DISCH KCFS | 10.5 | 10.0 | 10.0 | 10.5 | 12.5 | 12.5 |
| GARRISON -------- | | | | | | |
| ELEV FTMSL | 1832.7 | 1831.1 | 1830.6 | 1829.7 | 1828.4 | 1827.5 |
| DISCH KCFS | 21.8 | 19.5 | 18.8 | 18.5 | 22.5 | 22.5 |
| OAHE ---------- | | | | | | |
| ELEV FTMSL | 1596.6 | 1595.0 | 1593.6 | 1594.6 | 1595.8 | 1597.3 |
| DISCH KCFS | 36.8 | 25.4 | 23.9 | 13.3 | 16.8 | 16.3 |
| BIG BEND -------- | | | | | | |
| ELEV FTMSL | 1420.8 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 |
| DISCH KCFS | 32.8 | 25.9 | 23.6 | 13.2 | 16.8 | 16.3 |
| FORT RANDALL ---- | | | | | | |
| ELEV FTMSL | 1353.5 | 1345.0 | 1337.5 | 1339.3 | 1344.8 | 1350.0 |
| DISCH KCFS | 37.6 | 36.2 | 31.1 | 11.5 | 11.4 | 10.1 |
| GAVINS POINT ---- | | | | | | |
| ELEV FTMSL | 1207.0 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1206.0 |
| DISCH KCFS | 38.2 | 37.0 | 32.4 | 12.5 | 12.5 | 12.5 |
| SYSTEM ---------- | | | | | | |
| STORAGE 1000 AF | 52164 | 50129 | 48811 | 48569 | 48482 | 48608 |
| ENERGY GWh | 3394 | 899 | 792 | 531 | 623 | 550 |
| PEAK POWER MW | | 2221 | 2177 | 2186 | 2210 | 2220 |

OCT 1, 2012 / LOWER BASIC / 18.7 MAF / BALANCED
FULL SERV / FULL SEAS

| | 30-Sep-12 | 31-Oct | 2012 30-Nov | 31-Dec | 2013 31-Jan | 28-Feb |
|---|---|---|---|---|---|---|
| FORT PECK ------- | | | | | | |
| ELEV FTMSL | 2231.8 | 2229.2 | 2227.1 | 2225.0 | 2222.5 | 2220.4 |
| DISCH KCFS | 10.5 | 10.0 | 9.4 | 10.0 | 12.0 | 12.0 |
| GARRISON -------- | | | | | | |
| ELEV FTMSL | 1832.7 | 1830.7 | 1830.1 | 1828.9 | 1827.3 | 1826.2 |
| DISCH KCFS | 21.8 | 19.5 | 17.8 | 18.0 | 22.0 | 22.0 |
| OAHE ---------- | | | | | | |
| ELEV FTMSL | 1596.6 | 1594.8 | 1593.0 | 1593.7 | 1594.8 | 1596.0 |
| DISCH KCFS | 36.8 | 25.9 | 24.3 | 13.7 | 17.1 | 16.8 |
| BIG BEND -------- | | | | | | |
| ELEV FTMSL | 1420.8 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 |
| DISCH KCFS | 32.8 | 26.3 | 23.9 | 13.4 | 17.1 | 16.8 |
| FORT RANDALL ---- | | | | | | |
| ELEV FTMSL | 1353.5 | 1345.0 | 1337.5 | 1339.3 | 1344.8 | 1350.0 |
| DISCH KCFS | 37.6 | 36.4 | 31.4 | 11.7 | 11.6 | 10.5 |
| GAVINS POINT ---- | | | | | | |
| ELEV FTMSL | 1207.0 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1206.0 |
| DISCH KCFS | 38.2 | 37.0 | 32.4 | 12.5 | 12.5 | 12.5 |
| SYSTEM ---------- | | | | | | |
| STORAGE 1000 AF | 52164 | 49908 | 48376 | 47943 | 47679 | 47618 |
| ENERGY GWh | 3380 | 906 | 782 | 526 | 618 | 548 |
| PEAK POWER MW | | 2218 | 2172 | 2178 | 2200 | 2208 |

OCT 1, 2012 / UPPER BASIC / 19.3 MAF / BALANCED
FULL SERV / FULL SEAS

| | 30-Sep-12 | 31-Oct | 2012 30-Nov | 31-Dec | 2013 31-Jan | 28-Feb |
|---|---|---|---|---|---|---|
| FORT PECK ------- | | | | | | |
| ELEV FTMSL | 2231.8 | 2230.0 | 2228.5 | 2226.9 | 2225.0 | 2223.3 |
| DISCH KCFS | 10.5 | 10.0 | 9.6 | 10.5 | 12.5 | 12.5 |
| GARRISON -------- | | | | | | |
| ELEV FTMSL | 1832.7 | 1831.2 | 1831.1 | 1830.4 | 1829.3 | 1828.5 |
| DISCH KCFS | 21.8 | 19.5 | 18.1 | 18.5 | 22.5 | 22.5 |
| OAHE ---------- | | | | | | |
| ELEV FTMSL | 1596.6 | 1595.2 | 1594.5 | 1595.6 | 1596.8 | 1598.4 |
| DISCH KCFS | 36.8 | 25.0 | 21.2 | 13.1 | 16.5 | 15.9 |
| BIG BEND -------- | | | | | | |
| ELEV FTMSL | 1420.8 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 |
| DISCH KCFS | 32.8 | 25.5 | 21.1 | 12.9 | 16.5 | 15.9 |
| FORT RANDALL ---- | | | | | | |
| ELEV FTMSL | 1353.5 | 1345.0 | 1337.5 | 1339.3 | 1344.8 | 1350.0 |
| DISCH KCFS | 37.6 | 35.9 | 28.8 | 11.3 | 11.1 | 9.8 |
| GAVINS POINT ---- | | | | | | |
| ELEV FTMSL | 1207.0 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1206.0 |
| DISCH KCFS | 38.2 | 37.0 | 30.5 | 12.5 | 12.5 | 12.5 |
| SYSTEM ---------- | | | | | | |
| STORAGE 1000 AF | 52164 | 50310 | 49342 | 49210 | 49205 | 49445 |
| ENERGY GWh | 3323 | 892 | 737 | 529 | 620 | 545 |
| PEAK POWER MW | | 2223 | 2184 | 2194 | 2220 | 2231 |

TIME OF STUDY 13:53:25 FULL SERV / FULL NAV SEAS STUDY NO 6

VALUES IN 1000 AF EXCEPT AS INDICATED

| | 30SEP12 | | 2012 | | | | | 2013 |
|---|---|---|---|---|---|---|---|---|
| | INI-SUM | 31OCT | 15NOV | 22NOV | 30NOV | 31DEC | 31JAN | 28FEB |
| --FORT PECK-- | | | | | | | | |
| NAT INFLOW | 1100 | 200 | 110 | 51 | 59 | 210 | 218 | 252 |
| DEPLETION | -535 | -48 | -43 | -20 | -23 | -136 | -157 | -109 |
| EVAPORATION | 216 | 91 | 40 | 19 | 21 | 45 | | |
| MOD INFLOW | 1419 | 157 | 112 | 53 | 60 | 301 | 375 | 361 |
| RELEASE | 3318 | 615 | 298 | 139 | 159 | 646 | 769 | 694 |
| STOR CHANGE | -1899 | -458 | -185 | -86 | -98 | -345 | -394 | -333 |
| STORAGE | 14331 | 13873 | 13688 | 13602 | 13503 | 13159 | 12765 | 12432 |
| ELEV FTMSL | 2231.8 | 2229.5 | 2228.6 | 2228.2 | 2227.7 | 2225.9 | 2223.8 | 2222.0 |
| DISCH KCFS | 10.5 | 10.0 | 10.0 | 10.0 | 10.0 | 10.5 | 12.5 | 12.5 |
| POWER | | | | | | | | |
| AVE POWER MW | | 135 | 134 | 134 | 133 | 138 | 155 | 153 |
| PEAK POW MW | | 159 | 158 | 158 | 158 | 156 | 154 | 152 |
| ENERGY GWH | 517.6 | 100.1 | 48.2 | 22.4 | 25.6 | 102.8 | 115.5 | 103.0 |
| --GARRISON-- | | | | | | | | |
| NAT INFLOW | 1032 | 180 | 120 | 56 | 64 | 180 | 183 | 249 |
| DEPLETION | -533 | -28 | -125 | -58 | -66 | -117 | -88 | -51 |
| CHAN STOR | -21 | 5 | | | 0 | -5 | -21 | |
| EVAPORATION | 234 | 97 | 44 | 20 | 23 | 50 | | |
| REG INFLOW | 4628 | 731 | 498 | 233 | 266 | 887 | 1019 | 994 |
| RELEASE | 6090 | 1199 | 580 | 271 | 270 | 1138 | 1383 | 1250 |
| STOR CHANGE | -1462 | -468 | -82 | -38 | -4 | -250 | -364 | -255 |
| STORAGE | 16686 | 16218 | 16136 | 16098 | 16094 | 15844 | 15479 | 15224 |
| ELEV FTMSL | 1832.7 | 1831.1 | 1830.8 | 1830.6 | 1830.6 | 1829.7 | 1828.4 | 1827.5 |
| DISCH KCFS | 21.8 | 19.5 | 19.5 | 19.5 | 17.0 | 18.5 | 22.5 | 22.5 |
| POWER | | | | | | | | |
| AVE POWER MW | | 234 | 232 | 232 | 202 | 219 | 264 | 262 |
| PEAK POW MW | | 445 | 443 | 443 | 443 | 440 | 435 | 431 |
| ENERGY GWH | 871.8 | 173.9 | 83.6 | 39.0 | 38.9 | 163.3 | 196.7 | 176.4 |
| --OAHE-- | | | | | | | | |
| NAT INFLOW | 91 | 10 | 5 | 2 | 3 | | 8 | 63 |
| DEPLETION | 50 | -11 | 1 | 0 | 1 | 13 | 18 | 28 |
| CHAN STOR | -3 | 10 | | | 11 | -7 | -18 | |
| EVAPORATION | 216 | 90 | 40 | 19 | 21 | 46 | | |
| REG INFLOW | 5912 | 1140 | 544 | 254 | 262 | 1071 | 1355 | 1285 |
| RELEASE | 5746 | 1564 | 741 | 380 | 299 | 821 | 1034 | 906 |
| STOR CHANGE | 166 | -424 | -197 | -126 | -37 | 251 | 321 | 379 |
| STORAGE | 15701 | 15277 | 15080 | 14953 | 14916 | 15167 | 15488 | 15867 |
| ELEV FTMSL | 1596.6 | 1595.0 | 1594.3 | 1593.8 | 1593.6 | 1594.6 | 1595.8 | 1597.3 |
| DISCH KCFS | 36.8 | 25.4 | 24.9 | 27.4 | 18.9 | 13.3 | 16.8 | 16.3 |
| POWER | | | | | | | | |
| AVE POWER MW | | 308 | 299 | 328 | 226 | 161 | 203 | 199 |
| PEAK POW MW | | 643 | 640 | 637 | 637 | 641 | 648 | 655 |
| ENERGY GWH | 839.5 | 228.9 | 107.8 | 55.1 | 43.4 | 119.5 | 151.3 | 133.5 |
| --BIG BEND-- | | | | | | | | |
| EVAPORATION | 53 | 22 | 10 | 5 | 5 | 11 | | |
| REG INFLOW | 5693 | 1542 | 731 | 376 | 294 | 809 | 1034 | 906 |
| RELEASE | 5741 | 1590 | 731 | 376 | 294 | 809 | 1034 | 906 |
| STORAGE | 1669 | 1621 | 1621 | 1621 | 1621 | 1621 | 1621 | 1621 |
| ELEV FTMSL | 1420.8 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 |
| DISCH KCFS | 32.8 | 25.9 | 24.6 | 27.1 | 18.5 | 13.2 | 16.8 | 16.3 |
| POWER | | | | | | | | |
| AVE POWER MW | | 127 | 123 | 135 | 93 | 66 | 83 | 78 |
| PEAK POW MW | | 538 | 538 | 538 | 538 | 538 | 538 | 529 |
| ENERGY GWH | 343.1 | 94.6 | 44.3 | 22.7 | 17.9 | 49.4 | 61.5 | 52.6 |
| --FORT RANDALL-- | | | | | | | | |
| NAT INFLOW | 80 | 10 | 3 | 1 | 2 | 12 | 18 | 34 |
| DEPLETION | 12 | 1 | 1 | 0 | 1 | 3 | 3 | 3 |
| EVAPORATION | 52 | 25 | 9 | 4 | 4 | 10 | | |
| REG INFLOW | 5758 | 1575 | 724 | 373 | 292 | 809 | 1049 | 937 |
| RELEASE | 6045 | 2224 | 1045 | 489 | 318 | 707 | 699 | 563 |
| STOR CHANGE | -287 | -649 | -321 | -116 | -26 | 102 | 350 | 374 |
| STORAGE | 3409 | 2760 | 2438 | 2322 | 2296 | 2398 | 2748 | 3122 |
| ELEV FTMSL | 1353.5 | 1345.0 | 1340.0 | 1338.0 | 1337.5 | 1339.3 | 1344.8 | 1350.0 |
| DISCH KCFS | 37.6 | 36.2 | 35.1 | 35.2 | 20.0 | 11.5 | 11.4 | 10.1 |
| POWER | | | | | | | | |
| AVE POWER MW | | 289 | 264 | 257 | 146 | 85 | 87 | 81 |
| PEAK POW MW | | 319 | 296 | 287 | 285 | 293 | 319 | 339 |
| ENERGY GWH | 563.0 | 214.8 | 95.2 | 43.1 | 28.0 | 63.0 | 64.5 | 54.4 |
| --GAVINS POINT-- | | | | | | | | |
| NAT INFLOW | 356 | 70 | 33 | 15 | 17 | 60 | 70 | 91 |
| DEPLETION | 23 | 2 | 5 | 2 | 3 | 10 | 1 | |
| CHAN STOR | 51 | 3 | 2 | 0 | 28 | 16 | 0 | 2 |
| EVAPORATION | 19 | 8 | 3 | 2 | 2 | 4 | | |
| REG INFLOW | 6410 | 2287 | 1071 | 500 | 359 | 769 | 769 | 656 |
| RELEASE | 6436 | 2275 | 1071 | 500 | 359 | 769 | 769 | 694 |
| STOR CHANGE | -26 | 12 | | | | | | -38 |
| STORAGE | 368 | 380 | 380 | 380 | 380 | 380 | 380 | 342 |
| ELEV FTMSL | 1207.0 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1206.0 |
| DISCH KCFS | 38.2 | 37.0 | 36.0 | 36.0 | 22.6 | 12.5 | 12.5 | 12.5 |
| POWER | | | | | | | | |
| AVE POWER MW | | 116 | 117 | 117 | 80 | 44 | 44 | 44 |
| PEAK POW MW | | 117 | 117 | 117 | 117 | 117 | 117 | 114 |
| ENERGY GWH | 259.4 | 86.6 | 42.1 | 19.7 | 15.3 | 33.0 | 33.0 | 29.6 |
| --GAVINS POINT - SIOUX CITY-- | | | | | | | | |
| NAT INFLOW | 132 | 17 | 7 | 3 | 3 | 10 | 28 | 64 |
| DEPLETION | 65 | 11 | 6 | 3 | 3 | 13 | 14 | 15 |
| REGULATED FLOW AT SIOUX CITY | | | | | | | | |
| KAF | 6503 | 2281 | 1072 | 500 | 359 | 766 | 783 | 743 |
| KCFS | | 37.1 | 36.0 | 36.0 | 22.6 | 12.5 | 12.7 | 13.4 |
| --TOTAL-- | | | | | | | | |
| NAT INFLOW | 2791 | 487 | 277 | 129 | 148 | 472 | 525 | 753 |
| DEPLETION | -918 | -73 | -154 | -72 | -82 | -214 | -209 | -114 |
| CHAN STOR | 28 | 18 | 2 | 0 | 40 | 4 | -38 | 2 |
| EVAPORATION | 790 | 332 | 147 | 68 | 77 | 167 | | |
| STORAGE | 52164 | 50129 | 49343 | 48976 | 48811 | 48569 | 48482 | 48608 |
| SYSTEM POWER | | | | | | | | |
| AVE POWER MW | | 1208 | 1170 | 1202 | 880 | 714 | 837 | 818 |
| PEAK POW MW | | 2221 | 2193 | 2181 | 2177 | 2186 | 2210 | 2220 |
| ENERGY GWH | 3394.3 | 899.0 | 421.2 | 202.0 | 169.0 | 531.1 | 622.6 | 549.5 |
| DAILY GWH | | 29.0 | 28.1 | 28.9 | 21.1 | 17.1 | 20.1 | 19.6 |
| | INI-SUM | 31OCT | 15NOV | 22NOV | 30NOV | 31DEC | 31JAN | 28FEB |

TIME OF STUDY 15:22:42 FULL SERV / FULL NAV SEAS STUDY NO 7

VALUES IN 1000 AF EXCEPT AS INDICATED

| 30SEP12 | INI-SUM | 31OCT | 15NOV | 22NOV | 30NOV | 31DEC | 31JAN | 28FEB |
|---|---|---|---|---|---|---|---|---|
| | | | 2012 | | | | | 2013 |
| --FORT PECK-- | | | | | | | | |
| NAT INFLOW | 881 | 160 | 88 | 41 | 47 | 168 | 175 | 202 |
| DEPLETION | -388 | -44 | -32 | -15 | -17 | -102 | -105 | -73 |
| EVAPORATION | 268 | 113 | 50 | 23 | 26 | 56 | | |
| MOD INFLOW | 1001 | 91 | 70 | 33 | 38 | 214 | 280 | 275 |
| RELEASE | 3191 | 615 | 283 | 132 | 143 | 615 | 738 | 666 |
| STOR CHANGE | -2191 | -524 | -213 | -99 | -105 | -401 | -458 | -391 |
| STORAGE | 14331 | 13807 | 13595 | 13496 | 13391 | 12990 | 12532 | 12140 |
| ELEV FTMSL | 2231.8 | 2229.2 | 2228.1 | 2227.6 | 2227.1 | 2225.0 | 2222.5 | 2220.4 |
| DISCH KCFS | 10.5 | 10.0 | 9.5 | 9.5 | 9.0 | 10.0 | 12.0 | 12.0 |
| POWER | | | | | | | | |
| AVE POWER MW | | 134 | 127 | 127 | 120 | 133 | 151 | 149 |
| PEAK POW MW | | 159 | 158 | 158 | 157 | 155 | 153 | 151 |
| ENERGY GWH | 501.4 | 100.0 | 45.8 | 21.3 | 23.1 | 98.6 | 112.4 | 100.2 |
| --GARRISON-- | | | | | | | | |
| NAT INFLOW | 825 | 144 | 96 | 45 | 51 | 144 | 146 | 199 |
| DEPLETION | -412 | 10 | -115 | -53 | -61 | -93 | -62 | -38 |
| CHAN STOR | -16 | 5 | 5 | | 5 | -10 | -21 | |
| EVAPORATION | 294 | 122 | 55 | 25 | 29 | 63 | | |
| REG INFLOW | 4119 | 632 | 444 | 205 | 231 | 779 | 925 | 903 |
| RELEASE | 5937 | 1199 | 536 | 243 | 278 | 1107 | 1353 | 1222 |
| STOR CHANGE | -1818 | -567 | -92 | -38 | -47 | -328 | -427 | -318 |
| STORAGE | 16686 | 16119 | 16027 | 15988 | 15942 | 15614 | 15186 | 14868 |
| ELEV FTMSL | 1832.7 | 1830.7 | 1830.4 | 1830.3 | 1830.1 | 1828.9 | 1827.3 | 1826.2 |
| DISCH KCFS | 21.8 | 19.5 | 18.0 | 17.5 | 17.5 | 18.0 | 22.0 | 22.0 |
| POWER | | | | | | | | |
| AVE POWER MW | | 233 | 214 | 208 | 208 | 213 | 257 | 255 |
| PEAK POW MW | | 443 | 442 | 442 | 441 | 437 | 431 | 427 |
| ENERGY GWH | 846.2 | 173.7 | 77.1 | 34.9 | 39.9 | 158.2 | 191.2 | 171.1 |
| --OAHE-- | | | | | | | | |
| NAT INFLOW | 73 | 8 | 4 | 2 | 2 | | 7 | 50 |
| DEPLETION | 50 | -11 | 1 | 0 | 1 | 13 | 18 | 28 |
| CHAN STOR | -1 | 10 | 7 | 2 | | -2 | -18 | 0 |
| EVAPORATION | 271 | 113 | 50 | 23 | 26 | 58 | | |
| REG INFLOW | 5688 | 1115 | 495 | 223 | 253 | 1034 | 1323 | 1244 |
| RELEASE | 5864 | 1594 | 754 | 386 | 306 | 841 | 1052 | 931 |
| STOR CHANGE | -177 | -479 | -259 | -163 | -53 | 193 | 271 | 313 |
| STORAGE | 15701 | 15222 | 14963 | 14800 | 14747 | 14941 | 15212 | 15524 |
| ELEV FTMSL | 1596.6 | 1594.8 | 1593.8 | 1593.2 | 1593.0 | 1593.7 | 1594.8 | 1596.0 |
| DISCH KCFS | 36.8 | 25.9 | 25.3 | 27.8 | 19.3 | 13.7 | 17.1 | 16.8 |
| POWER | | | | | | | | |
| AVE POWER MW | | 313 | 304 | 332 | 230 | 164 | 206 | 203 |
| PEAK POW MW | | 642 | 638 | 634 | 633 | 637 | 642 | 648 |
| ENERGY GWH | 853.8 | 233.1 | 109.4 | 55.7 | 44.2 | 121.9 | 153.1 | 136.3 |
| --BIG BEND-- | | | | | | | | |
| EVAPORATION | 66 | 27 | 12 | 6 | 7 | 14 | | |
| REG INFLOW | 5798 | 1567 | 742 | 380 | 299 | 827 | 1052 | 931 |
| RELEASE | 5846 | 1615 | 742 | 380 | 299 | 827 | 1052 | 931 |
| STORAGE | 1669 | 1621 | 1621 | 1621 | 1621 | 1621 | 1621 | 1621 |
| ELEV FTMSL | 1420.8 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 |
| DISCH KCFS | 32.8 | 26.3 | 24.9 | 27.4 | 18.9 | 13.4 | 17.1 | 16.8 |
| POWER | | | | | | | | |
| AVE POWER MW | | 129 | 125 | 137 | 95 | 68 | 84 | 80 |
| PEAK POW MW | | 538 | 538 | 538 | 538 | 538 | 538 | 529 |
| ENERGY GWH | 349.3 | 96.0 | 44.9 | 23.0 | 18.2 | 50.5 | 62.6 | 54.1 |
| --FORT RANDALL-- | | | | | | | | |
| NAT INFLOW | 64 | 8 | 3 | 1 | 1 | 10 | 14 | 27 |
| DEPLETION | 12 | 1 | 1 | 0 | 1 | 3 | 3 | 3 |
| EVAPORATION | 65 | 31 | 12 | 5 | 5 | 12 | | |
| REG INFLOW | 5834 | 1591 | 731 | 376 | 295 | 822 | 1063 | 955 |
| RELEASE | 6121 | 2240 | 1052 | 492 | 322 | 720 | 713 | 581 |
| STOR CHANGE | -287 | -649 | -322 | -116 | -26 | 102 | 350 | 374 |
| STORAGE | 3409 | 2760 | 2438 | 2322 | 2296 | 2398 | 2748 | 3122 |
| ELEV FTMSL | 1353.5 | 1345.0 | 1340.0 | 1338.0 | 1337.5 | 1339.3 | 1344.8 | 1350.0 |
| DISCH KCFS | 37.6 | 36.4 | 35.4 | 35.5 | 20.3 | 11.7 | 11.6 | 10.5 |
| POWER | | | | | | | | |
| AVE POWER MW | | 291 | 266 | 258 | 147 | 86 | 88 | 84 |
| PEAK POW MW | | 319 | 296 | 287 | 285 | 293 | 319 | 339 |
| ENERGY GWH | 570.0 | 216.4 | 95.8 | 43.4 | 28.3 | 64.1 | 65.7 | 56.2 |
| --GAVINS POINT-- | | | | | | | | |
| NAT INFLOW | 285 | 56 | 26 | 12 | 14 | 48 | 56 | 73 |
| DEPLETION | 23 | 2 | 5 | 2 | 3 | 10 | 1 | |
| CHAN STOR | 50 | 2 | 2 | 0 | 28 | 16 | 0 | 2 |
| EVAPORATION | 23 | 9 | 4 | 2 | 2 | 5 | | |
| REG INFLOW | 6410 | 2287 | 1071 | 500 | 359 | 769 | 769 | 656 |
| RELEASE | 6436 | 2275 | 1071 | 500 | 359 | 769 | 769 | 694 |
| STOR CHANGE | -26 | 12 | | | | | | -38 |
| STORAGE | 368 | 380 | 380 | 380 | 380 | 380 | 380 | 342 |
| ELEV FTMSL | 1207.0 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1206.0 |
| DISCH KCFS | 38.2 | 37.0 | 36.0 | 36.0 | 22.6 | 12.5 | 12.5 | 12.5 |
| POWER | | | | | | | | |
| AVE POWER MW | | 116 | 117 | 117 | 80 | 44 | 44 | 44 |
| PEAK POW MW | | 117 | 117 | 117 | 117 | 117 | 117 | 114 |
| ENERGY GWH | 259.4 | 86.6 | 42.1 | 19.7 | 15.3 | 33.0 | 33.0 | 29.6 |
| --GAVINS POINT - SIOUX CITY-- | | | | | | | | |
| NAT INFLOW | 106 | 14 | 5 | 2 | 3 | 8 | 22 | 52 |
| DEPLETION | 65 | 11 | 6 | 3 | 3 | 13 | 14 | 15 |
| REGULATED FLOW AT SIOUX CITY | | | | | | | | |
| KAF | 6477 | 2278 | 1070 | 499 | 358 | 764 | 777 | 731 |
| KCFS | | 37.0 | 36.0 | 36.0 | 22.6 | 12.4 | 12.6 | 13.2 |
| --TOTAL-- | | | | | | | | |
| NAT INFLOW | 2234 | 390 | 222 | 103 | 118 | 378 | 420 | 603 |
| DEPLETION | -650 | -31 | -134 | -62 | -71 | -156 | -131 | -65 |
| CHAN STOR | 34 | 17 | 14 | 2 | 34 | 4 | -39 | 2 |
| EVAPORATION | 988 | 416 | 183 | 85 | 96 | 207 | | |
| STORAGE | 52164 | 49908 | 49023 | 48607 | 48376 | 47943 | 47679 | 47618 |
| SYSTEM POWER | | | | | | | | |
| AVE POWER MW | | 1218 | 1153 | 1179 | 880 | 707 | 831 | 815 |
| PEAK POW MW | | 2218 | 2189 | 2176 | 2172 | 2178 | 2200 | 2208 |
| ENERGY GWH | 3380.0 | 905.9 | 415.1 | 198.1 | 168.9 | 526.4 | 618.1 | 547.5 |
| DAILY GWH | | 29.2 | 27.7 | 28.3 | 21.1 | 17.0 | 19.9 | 19.6 |
| | INI-SUM | 31OCT | 15NOV | 22NOV | 30NOV | 31DEC | 31JAN | 28FEB |

TIME OF STUDY 15:01:56 FULL SERV / FULL NAV SEAS STUDY NO 5

VALUES IN 1000 AF EXCEPT AS INDICATED

| 30SEP12 | 2012 | | | | | | 2013 |
|---|---|---|---|---|---|---|---|
| INI-SUM | 31OCT | 15NOV | 22NOV | 30NOV | 31DEC | 31JAN | 28FEB |
| --FORT PECK-- | | | | | | | |
| NAT INFLOW 1320 | 240 | 132 | 62 | 70 | 252 | 262 | 302 |
| DEPLETION -461 | -80 | -25 | -12 | -13 | -113 | -135 | -83 |
| EVAPORATION 135 | 68 | 16 | 7 | 8 | 34 | | |
| MOD INFLOW 1646 | 252 | 141 | 66 | 75 | 331 | 397 | 385 |
| RELEASE 3297 | 615 | 283 | 132 | 159 | 646 | 769 | 694 |
| STOR CHANGE -1650 | -363 | -142 | -66 | -83 | -315 | -372 | -309 |
| STORAGE 14331 | 13968 | 13826 | 13760 | 13677 | 13362 | 12990 | 12681 |
| ELEV FTMSL 2231.8 | 2230.0 | 2229.3 | 2229.0 | 2228.5 | 2226.9 | 2225.0 | 2223.3 |
| DISCH KCFS 10.5 | 10.0 | 9.5 | 9.5 | 10.0 | 10.5 | 12.5 | 12.5 |
| POWER | | | | | | | |
| AVE POWER MW | 135 | 128 | 127 | 134 | 139 | 156 | 155 |
| PEAK POW MW | 159 | 159 | 159 | 158 | 157 | 155 | 154 |
| ENERGY GWH 516.5 | 100.2 | 46.0 | 21.4 | 25.7 | 103.2 | 116.3 | 103.9 |
| --GARRISON-- | | | | | | | |
| NAT INFLOW 1238 | 216 | 144 | 67 | 77 | 216 | 219 | 299 |
| DEPLETION -500 | -1 | -120 | -56 | -64 | -114 | -93 | -53 |
| CHAN STOR -20 | 5 | 5 | | -5 | -5 | -20 | |
| EVAPORATION 146 | 73 | 17 | 8 | 9 | 38 | | |
| REG INFLOW 4868 | 764 | 534 | 247 | 285 | 933 | 1060 | 1046 |
| RELEASE 6049 | 1199 | 536 | 250 | 294 | 1138 | 1383 | 1250 |
| STOR CHANGE -1180 | -435 | -2 | -3 | -9 | -205 | -323 | -203 |
| STORAGE 16686 | 16251 | 16249 | 16246 | 16237 | 16032 | 15709 | 15506 |
| ELEV FTMSL 1832.7 | 1831.2 | 1831.2 | 1831.2 | 1831.1 | 1830.4 | 1829.3 | 1828.5 |
| DISCH KCFS 21.8 | 19.5 | 18.0 | 18.0 | 18.5 | 18.5 | 22.5 | 22.5 |
| POWER | | | | | | | |
| AVE POWER MW | 234 | 215 | 215 | 221 | 220 | 266 | 264 |
| PEAK POW MW | 445 | 445 | 445 | 445 | 442 | 438 | 435 |
| ENERGY GWH 868.9 | 174.0 | 77.4 | 36.1 | 42.4 | 163.9 | 197.7 | 177.5 |
| --OAHE-- | | | | | | | |
| NAT INFLOW 110 | 12 | 6 | 3 | 3 | | 10 | 76 |
| DEPLETION 50 | -11 | 1 | 0 | 1 | 13 | 18 | 28 |
| CHAN STOR -3 | 10 | 7 | | -2 | | -18 | |
| EVAPORATION 135 | 68 | 16 | 7 | 8 | 35 | | |
| REG INFLOW 5970 | 1164 | 531 | 245 | 285 | 1089 | 1358 | 1298 |
| RELEASE 5498 | 1534 | 658 | 344 | 261 | 804 | 1017 | 881 |
| STOR CHANGE 472 | -370 | -126 | -99 | 25 | 285 | 340 | 417 |
| STORAGE 15701 | 15331 | 15204 | 15106 | 15131 | 15416 | 15756 | 16173 |
| ELEV FTMSL 1596.6 | 1595.2 | 1594.8 | 1594.4 | 1594.5 | 1595.6 | 1596.8 | 1598.4 |
| DISCH KCFS 36.8 | 25.0 | 22.1 | 24.7 | 16.4 | 13.1 | 16.5 | 15.9 |
| POWER | | | | | | | |
| AVE POWER MW | 302 | 266 | 297 | 198 | 158 | 201 | 194 |
| PEAK POW MW | 645 | 642 | 640 | 641 | 646 | 652 | 660 |
| ENERGY GWH 806.4 | 224.7 | 95.9 | 49.9 | 38.0 | 117.7 | 149.6 | 130.6 |
| --BIG BEND-- | | | | | | | |
| EVAPORATION 33 | 16 | 4 | 2 | 2 | 9 | | |
| REG INFLOW 5465 | 1518 | 654 | 342 | 258 | 796 | 1017 | 881 |
| RELEASE 5513 | 1566 | 654 | 342 | 258 | 796 | 1017 | 881 |
| STORAGE 1669 | 1621 | 1621 | 1621 | 1621 | 1621 | 1621 | 1621 |
| ELEV FTMSL 1420.8 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 | 1420.0 |
| DISCH KCFS 32.8 | 25.5 | 22.0 | 24.6 | 16.3 | 12.9 | 16.5 | 15.9 |
| POWER | | | | | | | |
| AVE POWER MW | 125 | 110 | 123 | 82 | 65 | 81 | 76 |
| PEAK POW MW | 538 | 538 | 538 | 538 | 538 | 538 | 529 |
| ENERGY GWH 329.5 | 93.1 | 39.7 | 20.7 | 15.8 | 48.6 | 60.5 | 51.1 |
| --FORT RANDALL-- | | | | | | | |
| NAT INFLOW 95 | 12 | 4 | 2 | 2 | 14 | 21 | 41 |
| DEPLETION 12 | 1 | 1 | 0 | 1 | 3 | 3 | 3 |
| EVAPORATION 33 | 18 | 4 | 2 | 2 | 7 | | |
| REG INFLOW 5564 | 1558 | 652 | 341 | 259 | 800 | 1035 | 919 |
| RELEASE 5850 | 2208 | 973 | 457 | 285 | 697 | 685 | 545 |
| STOR CHANGE -286 | -649 | -321 | -116 | -26 | 102 | 350 | 374 |
| STORAGE 3409 | 2760 | 2439 | 2323 | 2296 | 2399 | 2749 | 3123 |
| ELEV FTMSL 1353.5 | 1345.0 | 1340.0 | 1338.0 | 1337.5 | 1339.3 | 1344.8 | 1350.0 |
| DISCH KCFS 37.6 | 35.9 | 32.7 | 32.9 | 18.0 | 11.3 | 11.1 | 9.8 |
| POWER | | | | | | | |
| AVE POWER MW | 287 | 246 | 240 | 131 | 84 | 85 | 78 |
| PEAK POW MW | 319 | 296 | 287 | 285 | 293 | 319 | 339 |
| ENERGY GWH 545.5 | 213.3 | 88.7 | 40.4 | 25.1 | 62.2 | 63.2 | 52.7 |
| --GAVINS POINT-- | | | | | | | |
| NAT INFLOW 427 | 84 | 39 | 18 | 21 | 72 | 84 | 109 |
| DEPLETION 23 | 2 | 5 | 2 | 3 | 10 | 1 | |
| CHAN STOR 51 | 3 | 6 | 0 | 28 | 12 | 0 | 2 |
| EVAPORATION 11 | 6 | 1 | 1 | 1 | 3 | | |
| REG INFLOW 6294 | 2287 | 1012 | 472 | 330 | 769 | 769 | 656 |
| RELEASE 6320 | 2275 | 1012 | 472 | 330 | 769 | 769 | 694 |
| STOR CHANGE -26 | 12 | | | | | | -38 |
| STORAGE 368 | 380 | 380 | 380 | 380 | 380 | 380 | 342 |
| ELEV FTMSL 1207.0 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1207.5 | 1206.0 |
| DISCH KCFS 38.2 | 37.0 | 34.0 | 34.0 | 20.8 | 12.5 | 12.5 | 12.5 |
| POWER | | | | | | | |
| AVE POWER MW | 116 | 113 | 113 | 73 | 44 | 44 | 44 |
| PEAK POW MW | 117 | 117 | 117 | 117 | 117 | 117 | 114 |
| ENERGY GWH 256.0 | 86.6 | 40.6 | 19.0 | 14.1 | 33.0 | 33.0 | 29.6 |
| --GAVINS POINT - SIOUX CITY-- | | | | | | | |
| NAT INFLOW 159 | 20 | 8 | 4 | 4 | 12 | 34 | 77 |
| DEPLETION 65 | 11 | 6 | 3 | 3 | 13 | 14 | 15 |
| REGULATED FLOW AT SIOUX CITY | | | | | | | |
| KAF 6414 | 2284 | 1014 | 473 | 331 | 768 | 789 | 756 |
| KCFS | 37.1 | 34.1 | 34.1 | 20.9 | 12.5 | 12.8 | 13.6 |
| --TOTAL-- | | | | | | | |
| NAT INFLOW 3349 | 584 | 333 | 155 | 177 | 566 | 630 | 904 |
| DEPLETION -811 | -78 | -132 | -61 | -70 | -188 | -192 | -90 |
| CHAN STOR 28 | 18 | 17 | 0 | 21 | 8 | -38 | 2 |
| EVAPORATION 493 | 250 | 58 | 27 | 31 | 126 | | |
| STORAGE 52164 | 50310 | 49719 | 49435 | 49342 | 49210 | 49205 | 49445 |
| SYSTEM POWER | | | | | | | |
| AVE POWER MW | 1199 | 1078 | 1116 | 838 | 710 | 834 | 812 |
| PEAK POW MW | 2223 | 2197 | 2186 | 2184 | 2194 | 2220 | 2231 |
| ENERGY GWH 3322.9 | 891.9 | 388.3 | 187.5 | 161.0 | 528.6 | 620.3 | 545.4 |
| DAILY GWH | 28.8 | 25.9 | 26.8 | 20.1 | 17.1 | 20.0 | 19.5 |
| INI-SUM | 31OCT | 15NOV | 22NOV | 30NOV | 31DEC | 31JAN | 28FEB |