

Power Plant Units w/ Closed-Cycle Retrofits (w/ thermocouple station data included)

(12/18/09)

596

| YEAR | UTILITY_CODE | PLANT_CODE | BOILER_ID | COOLING_ID | plant-gen | plant-boiler | plant-cool | ST | Plant Name | Gen | Nameplate | MW | Fuel | Op Hours | boiler ISD | tower ISD |
|------|--------------|------------|-----------|------------|-----------|--------------|------------|----|----------------------------|-----|-----------|-----|------|-----------|------------|-----------|
| 2005 | 796 | 160 | 1 | 1 | 160_ST1 | 160_1 | 160_1 | AZ | Apache Station | ST1 | 82 | NG | 1362 | 01-Nov-64 | 01-Jun-95 | |
| 2005 | 18445 | 688 | 1 | 1 | 688_1 | 688_1 | 688_1 | FL | Arvay B Hopkins | 1 | 75 | NG | 5222 | 01-Jun-71 | 01-Jun-94 | |
| 2005 | 17539 | 3280 | CAN1 | CANA | 3280_1 | 3280_CAN | 3280_CAN | SC | Canadys Steam | 1 | 136 | BIT | 6248 | 01-Apr-62 | 01-Jun-92 | |
| 2005 | 17539 | 3280 | CAN2 | CANA | 3280_2 | 3280_CAN | 3280_CAN | SC | Canadys Steam | 2 | 136 | BIT | 7317 | 01-May-64 | 01-Jun-92 | |
| 2005 | 17539 | 3280 | CAN3 | CANA | 3280_3 | 3280_CAN | 3280_CAN | SC | Canadys Steam | 3 | 218 | BIT | 4276 | 01-May-67 | 01-May-99 | |
| 2005 | 14354 | 3644 | 1 | 1 | 3644_1 | 3644_1 | 3644_1 | UT | Carbon | 1 | 75 | BIT | 8050 | 01-Nov-54 | 01-Jul-84 | |
| 2005 | 14354 | 3644 | 2 | 2 | 3644_2 | 3644_2 | 3644_2 | UT | Carbon | 2 | 114 | BIT | 8295 | 01-Sep-57 | 01-Jul-85 | |
| 2005 | 13407 | 2322 | 1 | 1 | 2322_1 | 2322_1 | 2322_1 | NV | Clark | 1 | 50 | NG | 635 | 01-Dec-55 | 01-Jun-88 | |
| 2005 | 13407 | 2322 | 3 | 3 | 2322_3 | 2322_3 | 2322_3 | NV | Clark | 3 | 50 | NG | 4607 | 01-Oct-57 | 01-May-87 | |
| 2005 | 9216 | 389 | 3 | 3 | 389_3 | 389_3 | 389_3 | CA | El Centro | 3 | 82 | NG | 2853 | 01-Jul-61 | 01-May-90 | |
| 2005 | 9216 | 389 | 4 | 4 | 389_4 | 389_4 | 389_4 | CA | El Centro | 4 | 82 | NG | 8046 | 01-Aug-68 | 01-Apr-87 | |
| 2005 | 10704 | 1832 | 1 | 1 | 1832_1 | 1832_1 | 1832_1 | MI | Erickson Station | 1 | 155 | SUB | 8046 | 01-Jun-73 | 01-Feb-02 | |
| 2005 | 18315 | 1336 | S-2 | S-2A | 1336_S2 | 1336_S-2 | 1336_S-2A | KS | Garden City | S2 | 98 | NG | 772 | 01-Apr-73 | 01-May-99 | |
| 2005 | 10005 | 1240 | 1 | 1 | 1240_1 | 1240_1 | 1240_1 | KS | Gordon Evans Energy Center | 1 | 136 | RFO | 3747 | 01-Jun-61 | 01-Apr-04 | |
| 2005 | 10005 | 1240 | 2 | 2 | 1240_2 | 1240_2 | 1240_2 | KS | Gordon Evans Energy Center | 2 | 390 | RFO | 2467 | 01-Jun-67 | 01-May-98 | |
| 2005 | 18315 | 108 | SGU1 | CW1A | 108_1 | 108_SGU1 | 108_CW1A | KS | Holcomb | 1 | 349 | SUB | 8152 | 01-Aug-83 | 01-Nov-97 | |
| 2005 | 22500 | 1248 | 4 | 4 | 1248_ST4 | 1248_4 | 1248_4 | KS | Hutchinson Energy Center | ST4 | 172 | RFO | 2704 | 01-May-65 | 01-Dec-94 | |
| 2005 | 17543 | 3319 | 3 | 3 | 3319_3 | 3319_3 | 3319_3 | SC | Jeffries | 3 | 173 | BIT | 7530 | 01-Jan-70 | 01-Mar-85 | |
| 2005 | 17543 | 3319 | 4 | 4 | 3319_4 | 3319_4 | 3319_3 | SC | Jeffries | 4 | 173 | BIT | 8346 | 01-Jul-78 | 01-Apr-04 | |
| 2005 | 22500 | 6068 | 1 | 1 | 6068_1 | 6068_1 | 6068_1 | KS | Jeffrey Energy Center | 1 | 720 | SUB | 8665 | 01-May-80 | 01-May-02 | |
| 2005 | 22500 | 6068 | 2 | 2 | 6068_2 | 6068_2 | 6068_2 | KS | Jeffrey Energy Center | 2 | 720 | SUB | 8665 | 01-May-80 | 01-May-02 | |
| 2005 | 3278 | 3442 | 5 | 4 | 3442_4 | 3442_4 | 3442_4 | TX | La Palma | 4 | 23 | NG | 3606 | 01-May-47 | 01-Jun-85 | |
| 2005 | 3278 | 3442 | 6 | 4 | 3442_5 | 3442_5 | 3442_5 | TX | La Palma | 5 | 23 | NG | 5327 | 01-May-48 | 01-Jun-85 | |
| 2005 | 22500 | 1250 | 3 | L235 | 1250_3 | 1250_3 | 1250_L235 | KS | Lawrence Energy Center | 3 | 49 | SUB | 7851 | 01-Jan-55 | 01-Jun-99 | |
| 2005 | 22500 | 1250 | 4 | L4 | 1250_4 | 1250_4 | 1250_L4 | KS | Lawrence Energy Center | 4 | 114 | SUB | 8146 | 01-Mar-60 | 01-May-00 | |
| 2005 | 22500 | 1250 | 5 | L5 | 1250_5 | 1250_5 | 1250_L5 | KS | Lawrence Energy Center | 5 | 403 | SUB | 7481 | 01-May-71 | 01-Jun-93 | |
| 2005 | 16804 | 3609 | 3 | 3 | 3609_3 | 3609_3 | 3609_3 | TX | Leon Creek | 3 | 75 | NG | 110 | 01-May-53 | 01-Jul-99 | |
| 2005 | 15472 | 2364 | 1 | 1 | 2364_1 | 2364_1 | 2364_1 | NH | Merrimack | 1 | 114 | BIT | 8254 | 01-Dec-60 | - | |
| 2005 | 15472 | 2364 | 2 | 2 | 2364_2 | 2364_2 | 2364_2 | NH | Merrimack | 2 | 346 | BIT | 7280 | 01-May-68 | - | |
| 2005 | 20447 | 3008 | 2 | 2 | 3008_2 | 3008_2 | 3008_2 | OK | Moorland | 2 | 125 | NG | 2274 | 01-Jul-68 | 01-Jun-03 | |
| 2005 | 10005 | 1242 | 1 | 1 | 1242_1 | 1242_1 | 1242_1 | KS | Murray Gill | 1 | 46 | NG | 35 | 01-May-52 | 01-Mar-99 | |
| 2005 | 10005 | 1242 | 2 | 2 | 1242_2 | 1242_2 | 1242_2 | KS | Murray Gill | 2 | 75 | RFO | 151 | 01-Feb-54 | 01-Mar-99 | |
| 2005 | 10005 | 1242 | 3 | 3 | 1242_3 | 1242_3 | 1242_3 | KS | Murray Gill | 3 | 114 | RFO | 2665 | 01-Jun-56 | 01-Nov-98 | |
| 2005 | 10005 | 1242 | 4 | 4 | 1242_4 | 1242_4 | 1242_4 | KS | Murray Gill | 4 | 114 | RFO | 2374 | 01-Apr-59 | 01-Nov-00 | |
| 2005 | 5701 | 3456 | 2 | 2 | 3456_2 | 3456_2 | 3456_2 | TX | Newman | 2 | 82 | NG | 7533 | 01-May-63 | 01-Feb-96 | |
| 2005 | 5701 | 3456 | 3 | 3 | 3456_3 | 3456_3 | 3456_3 | TX | Newman | 3 | 82 | NG | 8030 | 01-Apr-66 | 01-Apr-96 | |
| 2005 | 17718 | 3485 | 111B | 115C | 3485_1 | 3485_11E | 3485_115C | TX | Plant X | 1 | 48 | NG | 926 | 01-May-52 | 01-Mar-93 | |
| 2005 | 17718 | 3485 | 112B | 115C | 3485_2 | 3485_112E | 3485_115C | TX | Plant X | 2 | 98 | NG | 4691 | 01-Aug-53 | 01-Mar-93 | |
| 2005 | 17718 | 3485 | 113B | 115C | 3485_3 | 3485_113E | 3485_115C | TX | Plant X | 3 | 98 | NG | 6923 | 01-Jun-55 | 01-Mar-93 | |
| 2005 | 20404 | 3526 | 5 | 5 | 3526_5 | 3526_5 | 3526_5 | TX | Rio Pecos | 5 | 38 | NG | 0 | 01-Dec-59 | 01-Mar-87 | |
| 2005 | 20404 | 3526 | 6 | 6 | 3526_6 | 3526_6 | 3526_6 | TX | Rio Pecos | 6 | 99 | NG | 0 | 01-May-69 | 01-Apr-86 | |
| 2005 | 22500 | 1252 | 9 | 7 | 1252_7 | 1252_7 | 1252_7 | KS | Teconish Energy Center | 7 | 82 | SUB | 8468 | 01-Aug-57 | 01-Dec-86 | |
| 2005 | 22500 | 1252 | 10 | 8 | 1252_8 | 1252_10 | 1252_8 | KS | Teconish Energy Center | 8 | 150 | SUB | 8299 | 01-Apr-62 | 01-Dec-86 | |
| 2005 | 17235 | 3115 | 1 | 1 | 3115_1 | 3115_1 | 3115_1 | PA | Titus | 1 | 75 | BIT | 7911 | 01-Jun-51 | 01-Nov-79 | |
| 2005 | 17235 | 3115 | 2 | 1 | 3115_2 | 3115_2 | 3115_1 | PA | Titus | 2 | 75 | BIT | 7659 | 01-Jun-51 | 01-Nov-79 | |
| 2005 | 17235 | 3115 | 3 | 1 | 3115_3 | 3115_3 | 3115_1 | PA | Titus | 3 | 75 | BIT | 7743 | 01-Jun-53 | 01-Nov-79 | |
| 2005 | 16604 | 3613 | 1 | 1 | 3613_1 | 3613_1 | 3613_1 | TX | W B Tuttle | 1 | 75 | NG | 0 | 01-Jun-54 | 01-May-03 | |
| 2005 | 16604 | 3613 | 2 | 2 | 3613_2 | 3613_2 | 3613_2 | TX | W B Tuttle | 2 | 114 | NG | 0 | 01-Feb-56 | 01-Jun-89 | |
| 2005 | 7140 | 728 | Y1BR | Y1CS | 728_1 | 728_Y1BR | 728_Y1CS | GA | Yates | 1 | 123 | BIT | 8659 | 01-Sep-50 | 01-Apr-04 | |
| 2005 | 7140 | 728 | Y2BR | Y2CS | 728_2 | 728_Y2BR | 728_Y2CS | GA | Yates | 2 | 123 | BIT | 8081 | 01-Nov-50 | 01-Apr-04 | |
| 2005 | 7140 | 728 | Y3BR | Y3CS | 728_3 | 728_Y3BR | 728_Y3CS | GA | Yates | 3 | 123 | BIT | 6960 | 01-Aug-52 | 01-Apr-04 | |
| 2005 | 7140 | 728 | Y4BR | Y4CS | 728_4 | 728_Y4BR | 728_Y4CS | GA | Yates | 4 | 156 | BIT | 7913 | 01-Jun-57 | 01-Apr-04 | |
| 2005 | 7140 | 728 | Y5BR | Y5CS | 728_5 | 728_Y5BR | 728_Y5CS | GA | Yates | 5 | 156 | BIT | 8057 | 01-May-58 | 01-Apr-04 | |

| ISD diff | type | draft | max steam | water flex | temp ri | total cool | cool tower cost |
|----------|-------------|---------|-----------|------------|---------|------------|-----------------|
| | 31 mech wet | induced | 610 | 129 | 16 | 448 | 330 |
| | 23 mech wet | forced | 750 | 116 | 17 | 1500 | 1500 |
| | 30 mech wet | induced | 910 | 134 | 20 | 15000 | 3000 |
| | 28 mech wet | induced | 910 | 134 | 20 | 15000 | 3000 |
| | 32 mech wet | induced | 1480 | 232 | 20 | EN | EN |
| | 30 mech wet | induced | 620 | 87 | 21 | 628 | 628 |
| | 28 mech wet | induced | 815 | 129 | 18 | 977 | 884 |
| | 33 mech wet | forced | 425 | 84 | 14 | 884 | 884 |
| | 29 mech wet | forced | 650 | 117 | 16 | 1740 | 1740 |
| | 30 mech wet | induced | 425 | 70 | 18 | 735 | 701 |
| | 19 mech wet | induced | 575 | 91 | 21 | 508 | 458 |
| | 29 mech wet | forced | 1106 | 148 | 21 | 4408 | 4408 |
| | 26 mech wet | induced | 615 | 116 | 16 | EN | 1892 |
| | 43 mech wet | forced | 1020 | 156 | 23 | 834 | 318 |
| | 31 mech wet | forced | 2700 | 334 | 24 | 1775 | 1381 |
| | 14 mech wet | induced | 2500 | 257 | 27 | 3990 | 3990 |
| | 30 mech wet | forced | 1350 | 196 | 15 | 2500 | 2500 |
| | 15 mech wet | forced | 1150 | 180 | 14 | 13500 | 13365 |
| | 15 mech wet | forced | 1150 | 180 | 14 | 13500 | 13365 |
| | 26 mech wet | forced | 5050 | 740 | 21 | 3200 | 3200 |
| | 22 mech wet | forced | 5050 | 740 | 21 | 3200 | 3200 |
| | 38 mech wet | induced | 250 | 55 | 12 | 62 | 996 |
| | 37 mech wet | induced | 250 | 55 | 12 | 62 | 996 |
| | 44 mech wet | forced | 425 | 80 | 14 | 1719 | 1719 |
| | 40 mech wet | forced | 842 | 194 | 16 | 1309 | 1309 |
| | 22 mech wet | forced | 2805 | 350 | 20 | 3344 | 3344 |
| | 46 mech wet | forced | 650 | 118 | 15 | 870 | 870 |
| | | | 815 | 126 | 20 | - | - |
| | | | 2332 | 289 | 20 | - | - |
| | 35 mech wet | induced | 990 | 169 | 18 | 1693 | 1600 |
| | 47 mech wet | forced | 425 | 93 | 14 | 618 | 248 |
| | 45 mech wet | forced | 625 | 122 | 16 | 512 | 242 |
| | 42 mech wet | forced | 800 | 139 | 17 | 1472 | 1133 |
| | 42 mech wet | forced | 800 | 147 | 17 | 571 | 272 |
| | 33 mech wet | induced | 567 | 85 | 21 | 1300 | EN |
| | 30 mech wet | induced | 700 | 85 | 28 | 1500 | EN |
| | 41 mech wet | induced | 500 | 93 | 15 | 3960 | 1099 |
| | 40 mech wet | induced | 950 | 173 | 14 | 3960 | 1099 |
| | 38 mech wet | induced | 800 | 156 | 14 | 3960 | 1099 |
| | 27 mech wet | induced | 360 | 52 | 26 | 5055 | 977 |
| | 17 mech wet | induced | 700 | 98 | 22 | EN | 2548 |
| | 42 mech wet | forced | 635 | 135 | 15 | 1179 | 1179 |
| | 25 mech wet | forced | 1100 | 200 | 15 | 996 | 996 |
| | 28 mech wet | forced | 570 | 84 | 20 | 12280 | 12280 |
| | 28 mech wet | forced | 570 | 84 | 20 | 12260 | 12260 |
| | 26 mech wet | forced | 570 | 84 | 20 | 12280 | 12280 |
| | 49 mech wet | forced | 650 | 107 | 15 | 1165 | 1165 |
| | 43 mech wet | forced | 750 | 137 | 15 | 1080 | 1080 |
| | 54 mech wet | induced | 975 | 193 | 15 | EN | EN |
| | 53 mech wet | induced | 975 | 193 | 15 | EN | EN |
| | 52 mech wet | induced | 975 | 193 | 15 | EN | EN |
| | 47 mech wet | induced | 950 | 180 | 16 | EN | EN |
| | 46 mech wet | induced | 950 | 180 | 16 | EN | EN |