

MEDIUM LOADS
1999 WHITE BOOK LOAD FORECAST

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| FIRM LOADS | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM NON-UTILITY LOADS -- | | | | | | | | | | | | | | |
| 1 FEDERAL AGENCIES 1981 PSC | 197 | 197 | 187 | 198 | 206 | 236 | 220 | 228 | 216 | 200 | 200 | 190 | 192 | 193 |
| 2 USBR 1981 PSC | 27 | 27 | 16 | 22 | 0 | 0 | 0 | 0 | 30 | 47 | 47 | 53 | 30 | 40 |
| 3 FEDERAL DSI 1981 PSC | 2496 | 2496 | 1970 | 2276 | 2275 | 2275 | 2170 | 1460 | 778 | 925 | 925 | 2221 | 2228 | 2687 |
| 4 FEDERAL AGENCIES 2002 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 USBR 2002 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 FEDERAL DSI 2002 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 FEDERAL NON-UTILITY LOADS | 2720 | 2720 | 2173 | 2496 | 2481 | 2511 | 2390 | 1688 | 1024 | 1172 | 1172 | 2464 | 2450 | 2920 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 8 CHELAN COUNTY PUD #1 | 206 | 206 | 206 | 243 | 257 | 276 | 295 | 278 | 259 | 236 | 236 | 215 | 202 | 211 |
| 9 CLARK COUNTY PUD #1 | 478 | 478 | 520 | 649 | 736 | 864 | 847 | 842 | 799 | 682 | 682 | 612 | 506 | 481 |
| 10 COWLITZ COUNTY PUD #1 | 597 | 597 | 603 | 672 | 710 | 706 | 727 | 690 | 712 | 689 | 689 | 662 | 620 | 600 |
| 11 DOUGLAS COUNTY PUD #1 | 146 | 146 | 135 | 168 | 191 | 197 | 215 | 196 | 186 | 165 | 165 | 143 | 146 | 148 |
| 12 EUGENE WATER & ELEC BOARD | 338 | 338 | 367 | 454 | 497 | 534 | 553 | 552 | 506 | 474 | 474 | 421 | 356 | 330 |
| 13 GRANT COUNTY PUD #2 | 513 | 513 | 495 | 452 | 482 | 515 | 533 | 532 | 459 | 453 | 453 | 517 | 534 | 510 |
| 14 GRAY'S HARBOR CO PUD #1 | 154 | 154 | 174 | 207 | 230 | 235 | 243 | 251 | 240 | 225 | 225 | 185 | 158 | 151 |
| 15 OKANOGAN COUNTY PUD #1 | 84 | 84 | 95 | 100 | 120 | 138 | 131 | 126 | 107 | 95 | 95 | 91 | 89 | 87 |
| 16 PEND OREILLE COUNTY PUD #1 | 57 | 57 | 60 | 65 | 72 | 82 | 87 | 83 | 80 | 72 | 72 | 62 | 54 | 54 |
| 17 SEATTLE CITY LIGHT | 1257 | 1257 | 1263 | 1533 | 1724 | 1722 | 1795 | 1717 | 1695 | 1571 | 1571 | 1424 | 1270 | 1268 |
| 18 SNOHOMISH COUNTY PUD #1 | 743 | 743 | 851 | 1149 | 1302 | 1429 | 1389 | 1452 | 1278 | 1175 | 1175 | 1022 | 907 | 723 |
| 19 SPRINGFIELD UTILITY BOARD | 139 | 139 | 146 | 176 | 189 | 202 | 206 | 208 | 196 | 168 | 168 | 170 | 144 | 139 |
| 20 TACOMA PUBLIC UTILITIES | 709 | 709 | 770 | 912 | 1019 | 1078 | 1071 | 1060 | 999 | 948 | 948 | 858 | 743 | 701 |
| 21 SMALL & NON GEN PUBLICS | 3974 | 3974 | 3984 | 4183 | 4583 | 4858 | 5058 | 5155 | 4694 | 4516 | 4516 | 4299 | 4080 | 4051 |
| 22 PUBLIC AGENCIES | 9396 | 9396 | 9669 | 10963 | 12111 | 12836 | 13150 | 13142 | 12210 | 11470 | 11470 | 10681 | 9808 | 9455 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 23 AVISTA CORP-WWP DIVISION | 1098 | 1098 | 1072 | 1180 | 1275 | 1375 | 1464 | 1440 | 1230 | 1146 | 1146 | 1080 | 1071 | 1104 |
| 24 IDAHO POWER COMPANY | 2265 | 2265 | 2070 | 1916 | 2051 | 2107 | 2150 | 2098 | 1904 | 1905 | 1905 | 2129 | 2399 | 2410 |
| 25 MONTANA POWER CO. REGIONAL | 387 | 387 | 390 | 396 | 436 | 463 | 471 | 439 | 398 | 370 | 370 | 359 | 389 | 404 |
| 26 PACIFICORP | 2993 | 2993 | 2830 | 3038 | 3309 | 3779 | 3752 | 3800 | 3397 | 3079 | 3079 | 2767 | 2793 | 2892 |
| 27 PORTLAND GENERAL ELECTRIC | 2721 | 2721 | 2536 | 2857 | 3088 | 3341 | 3541 | 3159 | 3011 | 2871 | 2871 | 2668 | 2488 | 2588 |
| 28 PUGET SOUND ENERGY | 2606 | 2606 | 2830 | 3636 | 3934 | 4468 | 4566 | 4484 | 4141 | 3721 | 3721 | 3229 | 3025 | 2624 |
| 29 UTAH POWER & LIGHT | 420 | 420 | 324 | 253 | 227 | 211 | 259 | 248 | 234 | 222 | 222 | 253 | 459 | 483 |
| 30 INVESTOR-OWNED UTILITIES | 12490 | 12490 | 12051 | 13276 | 14321 | 15744 | 16203 | 15668 | 14315 | 13313 | 13313 | 12485 | 12624 | 12505 |

MEDIUM LOADS
1999 WHITE BOOK LOAD FORECAST

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| FIRM LOADS (CONTINUED) | | | | | | | | | | | | | | |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 31 COLOCKUM TRANSMISSION CO. | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 |
| 32 NON-FED DSI LOAD | 771 | 771 | 1297 | 991 | 992 | 992 | 1097 | 1807 | 2489 | 2342 | 2342 | 1046 | 1039 | 580 |
| 33 OTHER FIRM LOADS | 954 | 954 | 1480 | 1174 | 1175 | 1175 | 1280 | 1990 | 2672 | 2525 | 2525 | 1229 | 1222 | 763 |
| REGIONAL FIRM LOADS | | | | | | | | | | | | | | |
| 34 REGIONAL FIRM LOADS | 25559 | 25559 | 25374 | 27909 | 30088 | 32266 | 33023 | 32488 | 30221 | 28480 | 28480 | 26859 | 26105 | 25642 |
| NON-FIRM LOADS | | | | | | | | | | | | | | |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 35 OTHER NON-FIRM (UTAH) | 111 | 111 | 101 | 72 | 133 | 83 | 154 | 141 | 153 | 120 | 120 | 90 | 145 | 122 |
| REGIONAL NON-FIRM LOADS | | | | | | | | | | | | | | |
| 36 REGIONAL NON-FIRM LOAD | 111 | 111 | 101 | 72 | 133 | 83 | 154 | 141 | 153 | 120 | 120 | 90 | 145 | 122 |
| REGIONAL TOTAL LOADS | | | | | | | | | | | | | | |
| 37 FEDERAL SYSTEM | 2720 | 2720 | 2173 | 2496 | 2481 | 2511 | 2390 | 1688 | 1024 | 1172 | 1172 | 2464 | 2450 | 2920 |
| 38 PUBLIC AGENCIES | 9396 | 9396 | 9669 | 10963 | 12111 | 12836 | 13150 | 13142 | 12210 | 11470 | 11470 | 10681 | 9808 | 9455 |
| 39 INVESTOR-OWNED UTILITIES | 12600 | 12600 | 12152 | 13348 | 14453 | 15827 | 16356 | 15809 | 14468 | 13433 | 13433 | 12575 | 12769 | 12627 |
| 40 OTHER ENTITIES | 954 | 954 | 1480 | 1174 | 1175 | 1175 | 1280 | 1990 | 2672 | 2525 | 2525 | 1229 | 1222 | 763 |
| 41 REGIONAL TOTAL LOADS | 25670 | 25670 | 25474 | 27981 | 30220 | 32349 | 33176 | 32629 | 30374 | 28600 | 28600 | 26949 | 26249 | 25765 |

MEDIUM LOADS
1999 WHITE BOOK LOAD FORECAST

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| FIRM LOADS | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM NON-UTILITY LOADS -- | | | | | | | | | | | | | | |
| 1 FEDERAL AGENCIES 1981 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 USBR 1981 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 FEDERAL DSI 1981 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 FEDERAL AGENCIES 2002 PSC | 148 | 148 | 138 | 149 | 152 | 182 | 186 | 175 | 130 | 135 | 135 | 129 | 133 | 155 |
| 5 USBR 2002 PSC | 27 | 27 | 16 | 22 | 0 | 0 | 0 | 0 | 30 | 47 | 47 | 53 | 30 | 40 |
| 6 FEDERAL DSI 2002 PSC | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 | 1440 |
| 7 FEDERAL NON-UTILITY LOADS | 1615 | 1615 | 1594 | 1611 | 1592 | 1622 | 1626 | 1615 | 1600 | 1622 | 1622 | 1622 | 1603 | 1635 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 8 CHELAN COUNTY PUD #1 | 215 | 215 | 215 | 253 | 267 | 286 | 304 | 287 | 268 | 245 | 245 | 223 | 211 | 219 |
| 9 CLARK COUNTY PUD #1 | 508 | 508 | 553 | 692 | 778 | 910 | 889 | 887 | 844 | 722 | 722 | 652 | 539 | 512 |
| 10 COWLITZ COUNTY PUD #1 | 619 | 619 | 626 | 693 | 725 | 718 | 735 | 700 | 726 | 707 | 707 | 683 | 641 | 622 |
| 11 DOUGLAS COUNTY PUD #1 | 163 | 163 | 150 | 188 | 213 | 221 | 240 | 218 | 207 | 184 | 184 | 158 | 162 | 163 |
| 12 EUGENE WATER & ELEC BOARD | 348 | 348 | 379 | 466 | 508 | 544 | 561 | 517 | 485 | 485 | 485 | 433 | 366 | 341 |
| 13 GRANT COUNTY PUD #2 | 535 | 535 | 516 | 470 | 499 | 531 | 547 | 547 | 474 | 469 | 469 | 538 | 556 | 533 |
| 14 GRAY'S HARBOR CO PUD #1 | 156 | 156 | 176 | 209 | 230 | 235 | 243 | 251 | 241 | 227 | 227 | 187 | 160 | 154 |
| 15 OKANOGAN COUNTY PUD #1 | 87 | 87 | 98 | 102 | 122 | 139 | 133 | 128 | 109 | 97 | 97 | 93 | 91 | 90 |
| 16 PEND OREILLE COUNTY PUD #1 | 58 | 58 | 62 | 66 | 73 | 84 | 89 | 85 | 82 | 74 | 74 | 64 | 55 | 56 |
| 17 SEATTLE CITY LIGHT | 1261 | 1261 | 1268 | 1535 | 1717 | 1708 | 1786 | 1713 | 1698 | 1579 | 1579 | 1437 | 1282 | 1277 |
| 18 SNOHOMISH COUNTY PUD #1 | 790 | 790 | 905 | 1218 | 1373 | 1501 | 1455 | 1524 | 1347 | 1242 | 1242 | 1085 | 963 | 770 |
| 19 SPRINGFIELD UTILITY BOARD | 144 | 144 | 152 | 183 | 195 | 208 | 211 | 215 | 203 | 176 | 176 | 177 | 151 | 144 |
| 20 TACOMA PUBLIC UTILITIES | 738 | 738 | 802 | 947 | 1053 | 1111 | 1099 | 1090 | 1032 | 983 | 983 | 892 | 774 | 732 |
| 21 SMALL & NON GEN PUBLICS | 4085 | 4085 | 4106 | 4307 | 4686 | 4944 | 5150 | 5260 | 4809 | 4641 | 4641 | 4428 | 4199 | 4165 |
| 22 PUBLIC AGENCIES | 9706 | 9706 | 10007 | 11331 | 12439 | 13139 | 13442 | 13466 | 12557 | 11831 | 11831 | 11051 | 10151 | 9776 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 23 AVISTA CORP-WWP DIVISION | 1083 | 1083 | 1053 | 1155 | 1251 | 1350 | 1447 | 1422 | 1215 | 1132 | 1132 | 1069 | 1063 | 1095 |
| 24 IDAHO POWER COMPANY | 2298 | 2298 | 2110 | 1934 | 2067 | 2121 | 2179 | 2126 | 1931 | 1930 | 1930 | 2170 | 2435 | 2446 |
| 25 MONTANA POWER CO. REGIONAL | 381 | 381 | 387 | 389 | 429 | 458 | 466 | 436 | 395 | 370 | 370 | 357 | 387 | 402 |
| 26 PACIFICORP | 3144 | 3144 | 2972 | 3191 | 3475 | 3969 | 3970 | 3976 | 3580 | 3245 | 3245 | 2916 | 2911 | 3049 |
| 27 PORTLAND GENERAL ELECTRIC | 2800 | 2800 | 2598 | 2925 | 3144 | 3407 | 3641 | 3246 | 3097 | 2953 | 2953 | 2751 | 2581 | 2690 |
| 28 PUGET SOUND ENERGY | 2701 | 2701 | 2932 | 3767 | 4076 | 4629 | 4754 | 4669 | 4312 | 3874 | 3874 | 3362 | 3150 | 2732 |
| 29 UTAH POWER & LIGHT | 454 | 454 | 351 | 274 | 246 | 228 | 281 | 279 | 254 | 240 | 240 | 275 | 477 | 523 |
| 30 INVESTOR-OWNED UTILITIES | 12862 | 12862 | 12404 | 13633 | 14688 | 16162 | 16738 | 16154 | 14784 | 13744 | 13744 | 12899 | 13003 | 12939 |

MEDIUM LOADS
1999 WHITE BOOK LOAD FORECAST

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| FIRM LOADS (CONTINUED) | | | | | | | | | | | | | | |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 31 COLOCKUM TRANSMISSION CO. | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 |
| 32 NON-FED DSI LOAD | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 | 1827 |
| 33 OTHER FIRM LOADS | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 |
| REGIONAL FIRM LOADS | | | | | | | | | | | | | | |
| 34 REGIONAL FIRM LOADS | 26193 | 26193 | 26015 | 28585 | 30729 | 32934 | 33816 | 33245 | 30951 | 29207 | 29207 | 27582 | 26767 | 26360 |
| NON-FIRM LOADS | | | | | | | | | | | | | | |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 35 OTHER NON-FIRM (UTAH) | 131 | 131 | 104 | 71 | 134 | 84 | 151 | 101 | 148 | 109 | 109 | 94 | 135 | 122 |
| REGIONAL NON-FIRM LOADS | | | | | | | | | | | | | | |
| 36 REGIONAL NON-FIRM LOAD | 131 | 131 | 104 | 71 | 134 | 84 | 151 | 101 | 148 | 109 | 109 | 94 | 135 | 122 |
| REGIONAL TOTAL LOADS | | | | | | | | | | | | | | |
| 37 FEDERAL SYSTEM | 1615 | 1615 | 1594 | 1611 | 1592 | 1622 | 1626 | 1615 | 1600 | 1622 | 1622 | 1622 | 1603 | 1635 |
| 38 PUBLIC AGENCIES | 9706 | 9706 | 10007 | 11331 | 12439 | 13139 | 13442 | 13466 | 12557 | 11831 | 11831 | 11051 | 10151 | 9776 |
| 39 INVESTOR-OWNED UTILITIES | 12993 | 12993 | 12508 | 13704 | 14822 | 16246 | 16889 | 16255 | 14932 | 13853 | 13853 | 12993 | 13138 | 13061 |
| 40 OTHER ENTITIES | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 | 2010 |
| 41 REGIONAL TOTAL LOADS | 26324 | 26324 | 26119 | 28656 | 30864 | 33017 | 33967 | 33346 | 31100 | 29316 | 29316 | 27676 | 26901 | 26482 |

MEDIUM LOADS
1999 WHITE BOOK LOAD FORECAST

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| FIRM LOADS | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM NON-UTILITY LOADS -- | | | | | | | | | | | | | | |
| 1 FEDERAL AGENCIES 1981 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 USBR 1981 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 FEDERAL DSI 1981 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 FEDERAL AGENCIES 2002 PSC | 151 | 151 | 141 | 153 | 156 | 187 | 190 | 179 | 133 | 138 | 138 | 132 | 136 | 159 |
| 5 USBR 2002 PSC | 27 | 27 | 16 | 22 | 0 | 0 | 0 | 0 | 30 | 47 | 47 | 53 | 30 | 40 |
| 6 FEDERAL DSI 2002 PSC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 FEDERAL NON-UTILITY LOADS | 178 | 178 | 157 | 175 | 156 | 187 | 190 | 179 | 163 | 185 | 185 | 185 | 166 | 199 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 8 CHELAN COUNTY PUD #1 | 224 | 224 | 224 | 264 | 276 | 295 | 313 | 296 | 277 | 254 | 254 | 232 | 219 | 229 |
| 9 CLARK COUNTY PUD #1 | 540 | 540 | 590 | 736 | 820 | 953 | 930 | 931 | 890 | 764 | 764 | 693 | 573 | 543 |
| 10 COWLITZ COUNTY PUD #1 | 641 | 641 | 647 | 712 | 737 | 724 | 737 | 706 | 736 | 722 | 722 | 702 | 662 | 645 |
| 11 DOUGLAS COUNTY PUD #1 | 180 | 180 | 165 | 208 | 237 | 245 | 266 | 242 | 230 | 203 | 203 | 174 | 179 | 178 |
| 12 EUGENE WATER & ELEC BOARD | 362 | 362 | 394 | 483 | 523 | 557 | 571 | 573 | 531 | 500 | 500 | 449 | 381 | 355 |
| 13 GRANT COUNTY PUD #2 | 564 | 564 | 544 | 493 | 519 | 551 | 566 | 568 | 495 | 493 | 493 | 567 | 587 | 561 |
| 14 GRAY'S HARBOR CO PUD #1 | 159 | 159 | 179 | 212 | 232 | 235 | 243 | 253 | 243 | 230 | 230 | 190 | 163 | 156 |
| 15 OKANOGAN COUNTY PUD #1 | 89 | 89 | 101 | 106 | 125 | 142 | 135 | 131 | 112 | 100 | 100 | 96 | 94 | 92 |
| 16 PEND OREILLE COUNTY PUD #1 | 59 | 59 | 64 | 68 | 74 | 86 | 90 | 86 | 84 | 75 | 75 | 65 | 56 | 58 |
| 17 SEATTLE CITY LIGHT | 1274 | 1274 | 1280 | 1543 | 1714 | 1698 | 1775 | 1706 | 1700 | 1588 | 1588 | 1452 | 1299 | 1299 |
| 18 SNOHOMISH COUNTY PUD #1 | 853 | 853 | 976 | 1308 | 1464 | 1594 | 1538 | 1615 | 1435 | 1329 | 1329 | 1167 | 1038 | 826 |
| 19 SPRINGFIELD UTILITY BOARD | 152 | 152 | 161 | 194 | 204 | 217 | 221 | 225 | 213 | 186 | 186 | 188 | 159 | 152 |
| 20 TACOMA PUBLIC UTILITIES | 774 | 774 | 841 | 988 | 1091 | 1146 | 1133 | 1127 | 1073 | 1026 | 1026 | 936 | 813 | 768 |
| 21 SMALL & NON GEN PUBLICS | 4238 | 4238 | 4273 | 4472 | 4829 | 5065 | 5277 | 5408 | 4963 | 4806 | 4806 | 4598 | 4360 | 4317 |
| 22 PUBLIC AGENCIES | 10109 | 10109 | 10439 | 11787 | 12845 | 13507 | 13796 | 13866 | 12982 | 12276 | 12276 | 11510 | 10583 | 10180 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 23 AVISTA CORP-WWP DIVISION | 1077 | 1077 | 1040 | 1129 | 1220 | 1316 | 1415 | 1390 | 1190 | 1112 | 1112 | 1057 | 1055 | 1089 |
| 24 IDAHO POWER COMPANY | 2379 | 2379 | 2197 | 1986 | 2120 | 2173 | 2237 | 2184 | 1986 | 1982 | 1982 | 2252 | 2515 | 2528 |
| 25 MONTANA POWER CO. REGIONAL | 393 | 393 | 398 | 399 | 439 | 471 | 480 | 449 | 409 | 383 | 383 | 369 | 399 | 416 |
| 26 PACIFICORP | 3360 | 3360 | 3177 | 3410 | 3714 | 4242 | 4269 | 4252 | 3828 | 3470 | 3470 | 3118 | 3113 | 3233 |
| 27 PORTLAND GENERAL ELECTRIC | 2983 | 2983 | 2754 | 3095 | 3306 | 3583 | 3840 | 3420 | 3267 | 3116 | 3116 | 2911 | 2751 | 2874 |
| 28 PUGET SOUND ENERGY | 2875 | 2875 | 3122 | 4010 | 4339 | 4928 | 5059 | 4967 | 4588 | 4121 | 4121 | 3577 | 3179 | 2908 |
| 29 UTAH POWER & LIGHT | 485 | 485 | 375 | 293 | 263 | 244 | 300 | 298 | 271 | 256 | 256 | 293 | 509 | 556 |
| 30 INVESTOR-OWNED UTILITIES | 13551 | 13551 | 13063 | 14322 | 15402 | 16958 | 17599 | 16961 | 15539 | 14441 | 14441 | 13576 | 13521 | 13603 |

MEDIUM LOADS
1999 WHITE BOOK LOAD FORECAST

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| FIRM LOADS (CONTINUED) | | | | | | | | | | | | | | |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 31 COLOCKUM TRANSMISSION CO. | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 |
| 32 NON-FED DSI LOAD | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 | 3267 |
| 33 OTHER FIRM LOADS | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| REGIONAL FIRM LOADS | | | | | | | | | | | | | | |
| 34 REGIONAL FIRM LOADS | 27289 | 27289 | 27109 | 29734 | 31852 | 34102 | 35035 | 34456 | 32134 | 30351 | 30351 | 28721 | 27720 | 27432 |
| NON-FIRM LOADS | | | | | | | | | | | | | | |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 35 OTHER NON-FIRM (UTAH) | 111 | 111 | 103 | 77 | 124 | 51 | 153 | 101 | 148 | 106 | 106 | 94 | 133 | 118 |
| REGIONAL NON-FIRM LOADS | | | | | | | | | | | | | | |
| 36 REGIONAL NON-FIRM LOAD | 111 | 111 | 103 | 77 | 124 | 51 | 153 | 101 | 148 | 106 | 106 | 94 | 133 | 118 |
| REGIONAL TOTAL LOADS | | | | | | | | | | | | | | |
| 37 FEDERAL SYSTEM | 178 | 178 | 157 | 175 | 156 | 187 | 190 | 179 | 163 | 185 | 185 | 185 | 166 | 199 |
| 38 PUBLIC AGENCIES | 10109 | 10109 | 10439 | 11787 | 12845 | 13507 | 13796 | 13866 | 12982 | 12276 | 12276 | 11510 | 10583 | 10180 |
| 39 INVESTOR-OWNED UTILITIES | 13662 | 13662 | 13166 | 14399 | 15526 | 17009 | 17752 | 17062 | 15687 | 14547 | 14547 | 13670 | 13654 | 13721 |
| 40 OTHER ENTITIES | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 | 3450 |
| 41 REGIONAL TOTAL LOADS | 27400 | 27400 | 27212 | 29811 | 31977 | 34153 | 35187 | 34557 | 32283 | 30458 | 30458 | 28815 | 27853 | 27550 |

EXPORTS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| -- UTILITY TRANSACTIONS -- | | | | | | | | | | | | | | |
| 40 PGE TO BURB PWR S | 25 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 PGE TO GLENDALE PWR S | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 42 PGE TO GLENDALE SPX | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| 43 PSE TO PG&E SPX | 300 | 300 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 300 |
| 44 SCL TO NCPA SPX | 60 | 60 | 60 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| 45 SNOH TO SMUD PWR S | 36 | 36 | 36 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 33 | 33 |
| 46 TPU TO WAPA ISW PWR S | 41 | 41 | 74 | 74 | 74 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |
| 47 UTILITY EXPORTS TO PSW | 3199 | 3199 | 3209 | 2053 | 1674 | 1657 | 1723 | 1704 | 1698 | 1785 | 1785 | 1912 | 2598 | 2599 |
| -- OTHER ENTITIES TRANSACTIONS -- | | | | | | | | | | | | | | |
| 48 BOARDMAN(14.8%) TO SDG&E * | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 49 BOARDMAN(10.0%) TO TURLOCK* | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 50 LONGVIEW FIBRE TO WAPA ISW* | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 51 OTHER ENTITIES EXP TO PSW | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| -- INTRA-COMPANY TRANSFERS TO PSW -- | | | | | | | | | | | | | | |
| 52 PP&L TO PP&L N. CALIF. | 21 | 21 | -43 | -31 | -19 | 2 | 8 | -18 | -22 | -24 | -24 | -15 | -6 | 40 |
| 53 TOTAL EXPORTS TO PSW | 3400 | 3400 | 3346 | 2202 | 1835 | 1839 | 1911 | 1866 | 1856 | 1941 | 1941 | 2077 | 2772 | 2819 |
| EXPORTS TO CANADA | | | | | | | | | | | | | | |
| 54 BPA CAN. ENT. TO BC HYDRO | 794 | 794 | 794 | 794 | 794 | 793 | 794 | 794 | 793 | 794 | 794 | 793 | 794 | 794 |
| 55 AVWP TO WEST KOOTENAI CAP S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 EXPORTS TO CANADA | 794 | 794 | 794 | 794 | 794 | 793 | 794 | 794 | 793 | 794 | 794 | 793 | 794 | 794 |
| TOTAL EXPORTS | | | | | | | | | | | | | | |
| 57 FEDERAL SYSTEM | 3004 | 3004 | 2978 | 2221 | 1887 | 1894 | 1974 | 1977 | 1964 | 2027 | 2027 | 2138 | 2447 | 2460 |
| 58 PUBLIC AGENCIES | 157 | 157 | 170 | 129 | 100 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 155 | 156 |
| 59 INVESTOR-OWNED UTILITIES | 972 | 972 | 905 | 546 | 556 | 593 | 588 | 543 | 533 | 536 | 536 | 566 | 908 | 955 |
| 60 OTHER ENTITIES * | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 61 TOTAL EXPORTS | 4313 | 4313 | 4233 | 3076 | 2723 | 2734 | 2809 | 2767 | 2744 | 2810 | 2810 | 2951 | 3690 | 3751 |

NOTE: 1. THE FOLLOWING CONTRACTS ARE SHOWN AS POWER SALES THROUGH THE STUDY HORIZON

A. BPA TO BURBANK: PWR SALE & C/N/X C. BPA TO PASADENA: PWR SALE & C/N/X

B. BPA TO GLENDALE: PWR SALE & C/N/X D. BPA TO SCE: PWR SALE & C/N/X

2. BPA TO SCE: OPTION CAPACITY IS INCLUDED THROUGH 10/31/2004.

EXPORTS

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| -- UTILITY TRANSACTIONS -- | | | | | | | | | | | | | | |
| 40 PGE TO BURB PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 PGE TO GLENDALE PWR S | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 42 PGE TO GLENDALE SPX | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| 43 PSE TO PG&E SPX | 300 | 300 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 300 |
| 44 SCL TO NCPA SPX | 60 | 60 | 60 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| 45 SNOH TO SMUD PWR S | 36 | 36 | 36 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 33 | 33 |
| 46 TPU TO WAPA ISW PWR S | 41 | 41 | 74 | 74 | 74 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 UTILITY EXPORTS TO PSW | 2292 | 2292 | 2325 | 1908 | 1274 | 1241 | 1052 | 1052 | 1052 | 1185 | 1185 | 1291 | 1688 | 1585 |
| -- OTHER ENTITIES TRANSACTIONS -- | | | | | | | | | | | | | | |
| 48 BOARDMAN(14.8%) TO SDG&E * | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 49 BOARDMAN(10.0%) TO TURLOCK* | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 50 LONGVIEW FIBRE TO WAPA ISW* | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 51 OTHER ENTITIES EXP TO PSW | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| -- INTRA-COMPANY TRANSFERS TO PSW -- | | | | | | | | | | | | | | |
| 52 PP&L TO PP&L N. CALIF. | 29 | 29 | -37 | -24 | -11 | 11 | 17 | -10 | -14 | -17 | -17 | -7 | 2 | 49 |
| 53 TOTAL EXPORTS TO PSW | 2501 | 2501 | 2468 | 2064 | 1443 | 1432 | 1249 | 1222 | 1218 | 1348 | 1348 | 1464 | 1870 | 1814 |
| EXPORTS TO CANADA | | | | | | | | | | | | | | |
| 54 BPA CAN. ENT. TO BC HYDRO | 1177 | 1177 | 1176 | 1177 | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 |
| 55 AVWP TO WEST KOOTENAI CAP S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 EXPORTS TO CANADA | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 |
| TOTAL EXPORTS | | | | | | | | | | | | | | |
| 57 FEDERAL SYSTEM | 2620 | 2620 | 2612 | 2557 | 1967 | 1975 | 1979 | 1982 | 1967 | 2079 | 2079 | 2191 | 2217 | 2129 |
| 58 PUBLIC AGENCIES | 157 | 157 | 170 | 129 | 100 | 67 | 26 | 26 | 26 | 26 | 26 | 26 | 114 | 115 |
| 59 INVESTOR-OWNED UTILITIES | 852 | 852 | 786 | 469 | 482 | 504 | 362 | 335 | 331 | 328 | 328 | 338 | 677 | 724 |
| 60 OTHER ENTITIES * | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 61 TOTAL EXPORTS | 3809 | 3809 | 3748 | 3335 | 2729 | 2726 | 2547 | 2523 | 2504 | 2613 | 2613 | 2735 | 3188 | 3148 |

NOTE: 1. THE FOLLOWING CONTRACTS ARE SHOWN AS POWER SALES THROUGH THE STUDY HORIZON

A. BPA TO BURBANK: PWR SALE & C/N/X C. BPA TO PASADENA: PWR SALE & C/N/X

B. BPA TO GLENDALE: PWR SALE & C/N/X D. BPA TO SCE: PWR SALE & C/N/X

2. BPA TO SCE: OPTION CAPACITY IS INCLUDED THROUGH 10/31/2004.

EXPORTS

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| -- UTILITY TRANSACTIONS -- | | | | | | | | | | | | | | |
| 40 PGE TO BURB PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 PGE TO GLENDALE PWR S | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 42 PGE TO GLENDALE SPX | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 |
| 43 PSE TO PG&E SPX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 SCL TO NCPA SPX | 60 | 60 | 60 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 60 |
| 45 SNOH TO SMUD PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 TPU TO WAPA ISW PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 UTILITY EXPORTS TO PSW | 618 | 618 | 618 | 512 | 453 | 453 | 453 | 453 | 453 | 483 | 483 | 552 | 618 | 618 |
| -- OTHER ENTITIES TRANSACTIONS -- | | | | | | | | | | | | | | |
| 48 BOARDMAN(14.8%) TO SDG&E * | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 49 BOARDMAN(10.0%) TO TURLOCK* | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 50 LONGVIEW FIBRE TO WAPA ISW* | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 51 OTHER ENTITIES EXP TO PSW | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| -- INTRA-COMPANY TRANSFERS TO PSW -- | | | | | | | | | | | | | | |
| 52 PP&L TO PP&L N. CALIF. | 35 | 35 | -32 | -19 | -5 | 18 | 25 | 2 | -8 | -10 | -10 | 0 | 9 | 53 |
| 53 TOTAL EXPORTS TO PSW | 833 | 833 | 766 | 673 | 628 | 651 | 658 | 635 | 625 | 653 | 653 | 732 | 807 | 851 |
| EXPORTS TO CANADA | | | | | | | | | | | | | | |
| 54 BPA CAN. ENT. TO BC HYDRO | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1177 | 1176 | 1176 |
| 55 AVWP TO WEST KOOTENAI CAP S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 EXPORTS TO CANADA | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1177 | 1176 | 1176 |
| TOTAL EXPORTS | | | | | | | | | | | | | | |
| 57 FEDERAL SYSTEM | 1670 | 1670 | 1661 | 1604 | 1593 | 1604 | 1606 | 1612 | 1594 | 1597 | 1597 | 1674 | 1681 | 1694 |
| 58 PUBLIC AGENCIES | 80 | 80 | 60 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 | 82 |
| 59 INVESTOR-OWNED UTILITIES | 235 | 235 | 168 | 151 | 165 | 188 | 195 | 172 | 162 | 160 | 160 | 170 | 209 | 253 |
| 60 OTHER ENTITIES * | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 61 TOTAL EXPORTS | 2165 | 2165 | 2069 | 1964 | 1938 | 1972 | 1981 | 1964 | 1936 | 1937 | 1937 | 2024 | 2151 | 2209 |

NOTE: 1. THE FOLLOWING CONTRACTS ARE SHOWN AS POWER SALES THROUGH THE STUDY HORIZON

A. BPA TO BURBANK: PWR SALE & C/N/X C. BPA TO PASADENA: PWR SALE & C/N/X

B. BPA TO GLENDALE: PWR SALE & C/N/X D. BPA TO SCE: PWR SALE & C/N/X

2. BPA TO SCE: OPTION CAPACITY IS INCLUDED THROUGH 10/31/2004.

TABLE A-3 (CONTINUED)

REGULATED HYDRO PROJECTS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| REGULATED HYDRO PROJECTS | | | | | | | | | | | | | | |
| 43 RIVER MILL PGE | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 44 ROCK ISLAND CHLN | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |
| 45 RKY REACH AFTER ENC. CHLN | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 46 ROSS SCL | 444 | 435 | 252 | 328 | 415 | 386 | 368 | 357 | 350 | 347 | 356 | 387 | 431 | 450 |
| 47 ROUND BUTTE PGE | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 48 SWIFT 1 PP&L | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 49 SWIFT 2 COW | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |
| 50 THE DALLES FED | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 |
| 51 THOMPSON FLS REGIONAL MPC | 30 | 30 | 25 | 26 | 22 | 20 | 21 | 19 | 20 | 18 | 18 | 26 | 33 | 31 |
| 52 UPPER BAKER PSE | 101 | 95 | 59 | 95 | 87 | 80 | 0 | 82 | 79 | 79 | 79 | 80 | 84 | 94 |
| 53 UPPER FALLS AVWP | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 9 | 10 |
| 54 WANAPUM AFTER ENC. GRNT | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 |
| 55 WELLS AFTER ENC. DGLS | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 |
| 56 WHITE PSE | 64 | 61 | 0 | 53 | 61 | 43 | 2 | 51 | 44 | 48 | 53 | 60 | 63 | 64 |
| 57 YALE PP&L | 133 | 133 | 78 | 133 | 133 | 130 | 114 | 94 | 94 | 102 | 111 | 0 | 133 | 132 |
| 58 REGULATED HYDRO W/ENC. | 26986 | 26955 | 26390 | 26721 | 27017 | 28343 | 28216 | 28118 | 27490 | 27630 | 27596 | 27185 | 28288 | 26982 |
| TOTAL REGULATED HYDRO W/ENCROACHMENTS | | | | | | | | | | | | | | |
| 59 FEDERAL SYSTEM | 16253 | 16247 | 16285 | 16279 | 16594 | 18093 | 18139 | 17973 | 17484 | 17349 | 17335 | 17450 | 17702 | 16303 |
| 60 PUBLIC AGENCIES | 4177 | 4111 | 3791 | 3900 | 4051 | 3987 | 3867 | 3967 | 3715 | 3896 | 3871 | 3562 | 4127 | 4056 |
| 61 INVESTOR-OWNED UTILITIES | 6257 | 6298 | 6016 | 6244 | 6074 | 5964 | 5912 | 5880 | 5993 | 6087 | 6092 | 5874 | 6160 | 6324 |
| 62 OTHER ENTITIES | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 63 TOTAL REGULATED HYDRO W/ENC | 26986 | 26955 | 26390 | 26721 | 27017 | 28343 | 28216 | 28118 | 27490 | 27630 | 27596 | 27185 | 28288 | 26982 |
| HYDRO INDEPENDENTS (FROM TABLE A-4) | | | | | | | | | | | | | | |
| 64 FEDERAL SYSTEM | 742 | 754 | 736 | 750 | 718 | 680 | 643 | 771 | 831 | 850 | 850 | 881 | 882 | 760 |
| 65 PUBLIC AGENCIES | 238 | 238 | 261 | 262 | 265 | 264 | 261 | 267 | 298 | 302 | 301 | 306 | 302 | 262 |
| 66 INVESTOR-OWNED UTILITIES | 965 | 936 | 910 | 876 | 862 | 881 | 865 | 846 | 852 | 865 | 891 | 951 | 988 | 989 |
| 67 TOTAL HYDRO INDEPENDENTS | 1945 | 1928 | 1907 | 1888 | 1845 | 1825 | 1769 | 1884 | 1981 | 2017 | 2042 | 2138 | 2172 | 2011 |
| TOTAL REGIONAL HYDRO | | | | | | | | | | | | | | |
| 68 FEDERAL SYSTEM | 16995 | 17001 | 17021 | 17029 | 17312 | 18773 | 18782 | 18744 | 18315 | 18199 | 18185 | 18331 | 18584 | 17063 |
| 69 PUBLIC AGENCIES | 4415 | 4349 | 4052 | 4162 | 4316 | 4251 | 4128 | 4234 | 4013 | 4198 | 4172 | 3868 | 4429 | 4318 |
| 70 INVESTOR-OWNED UTILITIES | 7222 | 7234 | 6926 | 7120 | 6936 | 6845 | 6777 | 6726 | 6845 | 6952 | 6983 | 6825 | 7148 | 7313 |
| 71 OTHER ENTITIES | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 72 TOTAL REGIONAL HYDRO | 28931 | 28883 | 28297 | 28609 | 28862 | 30168 | 29985 | 30002 | 29471 | 29647 | 29638 | 29323 | 30460 | 28993 |

REGULATED HYDRO PROJECTS

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| REGULATED HYDRO PROJECTS | | | | | | | | | | | | | | |
| 43 RIVER MILL PGE | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 44 ROCK ISLAND CHLN | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |
| 45 RKY REACH AFTER ENC. CHLN | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 46 ROSS SCL | 444 | 435 | 252 | 328 | 415 | 386 | 368 | 357 | 350 | 347 | 356 | 387 | 431 | 450 |
| 47 ROUND BUTTE PGE | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 48 SWIFT 1 PP&L | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 49 SWIFT 2 COW | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |
| 50 THE DALLES FED | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 |
| 51 THOMPSON FLS REGIONAL MPC | 24 | 24 | 25 | 26 | 22 | 23 | 24 | 22 | 20 | 18 | 18 | 26 | 27 | 26 |
| 52 UPPER BAKER PSE | 101 | 95 | 59 | 95 | 87 | 80 | 0 | 82 | 79 | 79 | 79 | 80 | 84 | 94 |
| 53 UPPER FALLS AVWP | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 9 | 10 |
| 54 WANAPUM AFTER ENC. GRNT | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 |
| 55 WELLS AFTER ENC. DGLS | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 |
| 56 WHITE PSE | 64 | 61 | 0 | 53 | 61 | 43 | 2 | 51 | 44 | 48 | 53 | 60 | 63 | 64 |
| 57 YALE PP&L | 133 | 133 | 78 | 133 | 133 | 130 | 114 | 94 | 94 | 102 | 111 | 0 | 133 | 132 |
| 58 REGULATED HYDRO W/ENC. | 26969 | 26938 | 26390 | 26720 | 27016 | 28352 | 28225 | 28127 | 27490 | 27630 | 27596 | 27184 | 28269 | 26966 |
| TOTAL REGULATED HYDRO W/ENCROACHMENTS | | | | | | | | | | | | | | |
| 59 FEDERAL SYSTEM | 16253 | 16247 | 16285 | 16279 | 16594 | 18093 | 18139 | 17973 | 17484 | 17349 | 17335 | 17450 | 17702 | 16303 |
| 60 PUBLIC AGENCIES | 4335 | 4268 | 3948 | 4058 | 4209 | 4145 | 4025 | 4124 | 3873 | 4054 | 4029 | 3721 | 4285 | 4174 |
| 61 INVESTOR-OWNED UTILITIES | 6082 | 6124 | 5859 | 6085 | 5915 | 5815 | 5763 | 5732 | 5835 | 5929 | 5934 | 5714 | 5983 | 6190 |
| 62 OTHER ENTITIES | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 63 TOTAL REGULATED HYDRO W/ENC | 26969 | 26938 | 26390 | 26720 | 27016 | 28352 | 28225 | 28127 | 27490 | 27630 | 27596 | 27184 | 28269 | 26966 |
| HYDRO INDEPENDENTS (FROM TABLE A-4) | | | | | | | | | | | | | | |
| 64 FEDERAL SYSTEM | 775 | 787 | 768 | 774 | 738 | 703 | 674 | 790 | 850 | 875 | 875 | 914 | 915 | 793 |
| 65 PUBLIC AGENCIES | 238 | 238 | 261 | 262 | 264 | 264 | 261 | 267 | 298 | 302 | 301 | 306 | 302 | 262 |
| 66 INVESTOR-OWNED UTILITIES | 931 | 902 | 890 | 856 | 842 | 872 | 856 | 837 | 833 | 847 | 873 | 933 | 946 | 955 |
| 67 TOTAL HYDRO INDEPENDENTS | 1944 | 1927 | 1919 | 1892 | 1844 | 1839 | 1791 | 1894 | 1981 | 2024 | 2049 | 2153 | 2163 | 2010 |
| TOTAL REGIONAL HYDRO | | | | | | | | | | | | | | |
| 68 FEDERAL SYSTEM | 17028 | 17034 | 17053 | 17053 | 17332 | 18796 | 18813 | 18763 | 18334 | 18224 | 18210 | 18364 | 18617 | 17096 |
| 69 PUBLIC AGENCIES | 4573 | 4506 | 4209 | 4320 | 4473 | 4409 | 4286 | 4391 | 4171 | 4356 | 4330 | 4027 | 4587 | 4436 |
| 70 INVESTOR-OWNED UTILITIES | 7013 | 7026 | 6749 | 6941 | 6757 | 6687 | 6619 | 6569 | 6668 | 6776 | 6807 | 6647 | 6929 | 7145 |
| 71 OTHER ENTITIES | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 72 TOTAL REGIONAL HYDRO | 28913 | 28865 | 28309 | 28612 | 28860 | 30191 | 30016 | 30021 | 29471 | 29654 | 29645 | 29337 | 30432 | 28976 |

REGULATED HYDRO PROJECTS

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| REGULATED HYDRO PROJECTS | | | | | | | | | | | | | | |
| 43 RIVER MILL PGE | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 44 ROCK ISLAND CHLN | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |
| 45 RKY REACH AFTER ENC. CHLN | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 46 ROSS SCL | 444 | 435 | 252 | 328 | 415 | 386 | 368 | 357 | 350 | 347 | 356 | 387 | 431 | 450 |
| 47 ROUND BUTTE PGE | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 48 SWIFT 1 PP&L | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 49 SWIFT 2 COW | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |
| 50 THE DALLES FED | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 | 2074 |
| 51 THOMPSON FLS REGIONAL MPC | 25 | 25 | 25 | 26 | 22 | 24 | 25 | 23 | 20 | 19 | 19 | 31 | 35 | 26 |
| 52 UPPER BAKER PSE | 101 | 95 | 59 | 95 | 87 | 80 | 0 | 82 | 79 | 79 | 79 | 80 | 84 | 94 |
| 53 UPPER FALLS AVWP | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 8 | 9 | 10 |
| 54 WANAPUM AFTER ENC. GRNT | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 | 910 |
| 55 WELLS AFTER ENC. DGLS | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 |
| 56 WHITE PSE | 64 | 61 | 0 | 53 | 61 | 43 | 2 | 51 | 44 | 48 | 53 | 60 | 63 | 64 |
| 57 YALE PP&L | 133 | 133 | 78 | 133 | 133 | 130 | 114 | 94 | 94 | 102 | 111 | 0 | 133 | 132 |
| 58 REGULATED HYDRO W/ENC. | 26971 | 26940 | 26392 | 26722 | 27018 | 28355 | 28228 | 28130 | 27491 | 27633 | 27599 | 27200 | 28292 | 26968 |
| TOTAL REGULATED HYDRO W/ENCROACHMENTS | | | | | | | | | | | | | | |
| 59 FEDERAL SYSTEM | 16253 | 16247 | 16285 | 16279 | 16594 | 18093 | 18139 | 17973 | 17484 | 17349 | 17335 | 17450 | 17702 | 16303 |
| 60 PUBLIC AGENCIES | 4712 | 4645 | 4325 | 4435 | 5099 | 5035 | 4915 | 5014 | 4763 | 4944 | 4919 | 4611 | 5175 | 5064 |
| 61 INVESTOR-OWNED UTILITIES | 5707 | 5749 | 5484 | 5710 | 5027 | 4928 | 4876 | 4845 | 4946 | 5042 | 5047 | 4840 | 5116 | 5302 |
| 62 OTHER ENTITIES | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 63 TOTAL REGULATED HYDRO W/ENC | 26971 | 26940 | 26392 | 26722 | 27018 | 28355 | 28228 | 28130 | 27491 | 27633 | 27599 | 27200 | 28292 | 26968 |
| HYDRO INDEPENDENTS (FROM TABLE A-4) | | | | | | | | | | | | | | |
| 64 FEDERAL SYSTEM | 775 | 787 | 768 | 774 | 738 | 703 | 674 | 790 | 850 | 875 | 875 | 914 | 915 | 793 |
| 65 PUBLIC AGENCIES | 238 | 238 | 261 | 262 | 264 | 264 | 261 | 267 | 298 | 302 | 301 | 306 | 302 | 262 |
| 66 INVESTOR-OWNED UTILITIES | 934 | 905 | 893 | 858 | 844 | 874 | 859 | 840 | 837 | 849 | 875 | 948 | 972 | 959 |
| 67 TOTAL HYDRO INDEPENDENTS | 1947 | 1930 | 1922 | 1894 | 1846 | 1841 | 1794 | 1897 | 1985 | 2026 | 2051 | 2168 | 2189 | 2014 |
| TOTAL REGIONAL HYDRO | | | | | | | | | | | | | | |
| 68 FEDERAL SYSTEM | 17028 | 17034 | 17053 | 17053 | 17332 | 18796 | 18813 | 18763 | 18334 | 18224 | 18210 | 18364 | 18617 | 17096 |
| 69 PUBLIC AGENCIES | 4950 | 4883 | 4586 | 4697 | 5363 | 5299 | 5176 | 5281 | 5061 | 5246 | 5220 | 4917 | 5477 | 5326 |
| 70 INVESTOR-OWNED UTILITIES | 6641 | 6654 | 6377 | 6568 | 5871 | 5802 | 5735 | 5685 | 5783 | 5891 | 5922 | 5788 | 6088 | 6261 |
| 71 OTHER ENTITIES | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 72 TOTAL REGIONAL HYDRO | 28918 | 28870 | 28314 | 28616 | 28864 | 30196 | 30022 | 30027 | 29476 | 29659 | 29650 | 29368 | 30481 | 28982 |

TABLE A-4

HYDRO INDEPENDENTS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

HYDRO INDEPENDENTS

| | | | | | | | | | | | | | | | |
|-------------------------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 AMERICAN FALLS | IPC | 74 | 47 | 30 | 13 | 0 | 9 | 0 | 0 | 0 | 7 | 33 | 68 | 70 | 79 |
| 2 ANDERSON RANCH | FED | 40 | 40 | 38 | 38 | 38 | 38 | 36 | 35 | 34 | 34 | 34 | 37 | 38 | 36 |
| 3 BIG CLIFF | FED | 8 | 7 | 9 | 13 | 15 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 8 |
| 4 BIG CREEK | FED | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 BLACK CANYON | FED | 10 | 10 | 8 | 9 | 6 | 7 | 9 | 5 | 8 | 10 | 10 | 10 | 8 | 8 |
| 6 BLACK EAGLE | REGIONAL MPC | 7 | 7 | 4 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 8 | 7 |
| 7 BLISS | IPC | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 8 BLUE RIVER | EUG | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 9 BONNEVILLE FISHWAY | FED | 25 | 25 | 25 | 25 | 12 | 12 | 12 | 25 | 25 | 25 | 25 | 25 | 25 | 24 |
| 10 BULL RUN | PGE | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 11 C.J.STRIKE | IPC | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 12 CALISPEL CREEK | PENDO | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 CARMEN-SMITH | EWEB | 41 | 38 | 39 | 33 | 30 | 37 | 33 | 33 | 51 | 62 | 63 | 64 | 60 | 51 |
| 14 CASCADE | IPC | 14 | 11 | 7 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 15 CEDAR FALLS; NEWHALEM SCL | | 0 | 0 | 25 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 0 |
| 16 CHANDLER | FED | 5 | 5 | 4 | 7 | 12 | 13 | 10 | 9 | 13 | 10 | 10 | 8 | 8 | 5 |
| 17 COCHRANE | REGIONAL MPC | 18 | 18 | 16 | 8 | 9 | 9 | 8 | 8 | 10 | 8 | 8 | 15 | 23 | 17 |
| 18 CNDT SM PLNTS BIG FRK PP&L | | 30 | 30 | 34 | 33 | 32 | 35 | 33 | 34 | 37 | 37 | 37 | 37 | 37 | 32 |
| 19 COUGAR | FED | 17 | 24 | 12 | 25 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 29 | 29 | 11 |
| 20 COWLITZ FALLS | FED | 10 | 10 | 12 | 16 | 23 | 23 | 13 | 17 | 33 | 48 | 48 | 64 | 66 | 29 |
| 21 DETROIT | FED | 115 | 115 | 115 | 115 | 115 | 96 | 96 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| 22 DEXTER | FED | 6 | 6 | 6 | 12 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 6 |
| 23 FELT | PP&L | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 |
| 24 FOSTER | FED | 4 | 10 | 4 | 8 | 6 | 22 | 22 | 22 | 22 | 22 | 22 | 23 | 23 | 6 |
| 25 GEM STATE HYDRO | CIDFL | 20 | 20 | 16 | 13 | 14 | 15 | 15 | 15 | 22 | 22 | 22 | 21 | 21 | 22 |
| 26 GREEN PETER | FED | 92 | 92 | 92 | 92 | 92 | 79 | 79 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| 27 GREEN SPRINGS | PP&L/FED | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 28 HAUSER | REGIONAL MPC | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 5 | 6 | 6 | 6 |
| 29 HEBGEN | REGIONAL MPC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 HILLS CREEK | FED | 7 | 7 | 25 | 23 | 27 | 30 | 30 | 30 | 30 | 30 | 30 | 35 | 35 | 14 |
| 31 HOLTER | REGIONAL MPC | 12 | 12 | 15 | 11 | 9 | 9 | 12 | 10 | 9 | 10 | 10 | 11 | 21 | 13 |
| 32 HOOD STREET | TPU | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 33 IDAHO FALLS | FED | 19 | 19 | 20 | 20 | 18 | 15 | 18 | 17 | 15 | 17 | 17 | 21 | 21 | 21 |
| 34 ISLAND PARK | FLRV | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 35 JACKSON | SNOH | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 |
| 36 KLAMATH | PP&L | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 91 | 91 | 92 | 92 | 92 | 92 | 92 |
| 37 LAKE CREEK | NLGHT | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 38 LEABURG | EUG | 8 | 8 | 6 | 8 | 8 | 7 | 4 | 13 | 13 | 13 | 13 | 13 | 13 | 10 |
| 39 LOOKOUT POINT | FED | 138 | 138 | 138 | 138 | 114 | 67 | 67 | 114 | 138 | 138 | 138 | 138 | 138 | 138 |
| 40 LOST CREEK | FED | 56 | 56 | 55 | 52 | 51 | 50 | 18 | 50 | 53 | 56 | 56 | 56 | 56 | 56 |
| 41 LOWER SALMON | IPC | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
| 42 MADISON | REGIONAL MPC | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 3 | 3 | 3 |
| 43 MCNARY FISHWY | KLICK NWSCO | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 44 MEYERS FALLS | AVWP | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 45 MILL CREEK | LEWIS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 46 MLTWN FLT CR | REGIONAL MPC | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 2 |
| 47 MILNER | IPC | 0 | 0 | 0 | 0 | 6 | 10 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |

HYDRO INDEPENDENTS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-----------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| HYDRO INDEPENDENTS | | | | | | | | | | | | | | |
| 48 MINIDOKA FED | 15 | 15 | 14 | 13 | 13 | 13 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 16 |
| 49 MORONY REGIONAL MPC | 17 | 17 | 14 | 10 | 10 | 10 | 12 | 8 | 10 | 10 | 10 | 14 | 19 | 17 |
| 50 MORSE CREEK PANGL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 MOYIE SPRINGS BONFY | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 52 MYSTICE REGIONAL MPC | 4 | 4 | 1 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 4 |
| 53 NORTH UMPQUA PP&L | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| 54 PACKWOOD ENW | 30 | 30 | 30 | 30 | 27 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 55 PALISADES FED | 131 | 131 | 128 | 109 | 108 | 116 | 122 | 128 | 131 | 131 | 131 | 131 | 131 | 131 |
| 56 RAINBOW REGIONAL MPC | 9 | 9 | 10 | 11 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 10 | 13 | 11 |
| 57 REEDER GULCH ASHLD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 58 ROGUE PP&L | 33 | 33 | 30 | 27 | 26 | 28 | 25 | 27 | 40 | 50 | 50 | 51 | 51 | 51 |
| 59 ROZA - PUMPING LOAD FED | 13 | 13 | 0 | 4 | 0 | 5 | 4 | 4 | 13 | 13 | 13 | 13 | 13 | 13 |
| 60 RYAN REGIONAL MPC | 21 | 21 | 18 | 16 | 15 | 15 | 15 | 13 | 14 | 12 | 12 | 19 | 24 | 22 |
| 61 SHOSHONE FALLS IPC | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 62 SNOQUALMIE ELCT & NK PSE | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| 63 SODA CREEK SODAS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 64 SOUTH FORK TOLT SCL | 0 | 0 | 0 | 0 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 |
| 65 SPRINGS PLANTS IPC | 27 | 28 | 28 | 30 | 31 | 31 | 30 | 30 | 27 | 28 | 28 | 27 | 26 | 26 |
| 66 STONE CREEK EUG | 4 | 6 | 10 | 10 | 10 | 2 | 7 | 1 | 4 | 6 | 5 | 7 | 6 | 10 |
| 67 STRAWBERRY LWVAL | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68 SWAN FALLS IPC | 14 | 14 | 16 | 18 | 19 | 19 | 17 | 17 | 16 | 16 | 16 | 15 | 14 | 14 |
| 69 T W SULLIVAN PGE | 14 | 14 | 14 | 14 | 14 | 14 | 16 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 70 THE DALLES FISHWAY NWSCO | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 71 TRAIL BRIDGE EUG | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 72 TWIN FALLS IPC | 5 | 5 | 8 | 4 | 11 | 14 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 7 |
| 73 UPPER SALMON 1&2 IPC | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 74 UPPER SALMON 3&4 IPC | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 75 WATERVILLE EUG | 5 | 6 | 4 | 5 | 4 | 5 | 3 | 7 | 8 | 6 | 6 | 9 | 9 | 8 |
| 76 WYNOCHEE TPU | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 77 YELM CNTRA | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 78 TOTAL HYDRO INDEPENDENTS | 1945 | 1928 | 1907 | 1888 | 1845 | 1825 | 1769 | 1884 | 1981 | 2017 | 2042 | 2138 | 2172 | 2011 |
| TOTAL HYDRO INDEPENDENTS | | | | | | | | | | | | | | |
| 79 FEDERAL SYSTEM | 742 | 754 | 736 | 750 | 718 | 680 | 643 | 771 | 831 | 850 | 850 | 881 | 882 | 760 |
| 80 PUBLIC AGENCIES | 238 | 238 | 261 | 262 | 265 | 264 | 261 | 267 | 298 | 302 | 301 | 306 | 302 | 262 |
| 81 INVESTOR-OWNED UTILITIES | 965 | 936 | 910 | 876 | 862 | 881 | 865 | 846 | 852 | 865 | 891 | 951 | 988 | 989 |
| 82 TOTAL HYDRO INDEPENDENTS | 1945 | 1928 | 1907 | 1888 | 1845 | 1825 | 1769 | 1884 | 1981 | 2017 | 2042 | 2138 | 2172 | 2011 |

HYDRO INDEPENDENTS

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| HYDRO INDEPENDENTS | | | | | | | | | | | | | | |
| 46 MLTWN FLT CR REGIONAL MPC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 2 |
| 47 MILNER IPC | 0 | 0 | 0 | 0 | 6 | 10 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 MINIDOKA FED | 30 | 30 | 28 | 19 | 15 | 18 | 26 | 15 | 16 | 22 | 22 | 30 | 30 | 31 |
| 49 MORONY REGIONAL MPC | 14 | 14 | 14 | 10 | 10 | 11 | 13 | 9 | 10 | 10 | 10 | 14 | 15 | 14 |
| 50 MORSE CREEK PANGL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 MOYIE SPRINGS BONFY | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 52 MYSTICE REGIONAL MPC | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 4 |
| 53 NORTH UMPQUA PP&L | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| 54 PACKWOOD ENW | 30 | 30 | 30 | 30 | 27 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 55 PALISADES FED | 131 | 131 | 128 | 109 | 108 | 116 | 122 | 128 | 131 | 131 | 131 | 131 | 131 | 131 |
| 56 RAINBOW REGIONAL MPC | 8 | 8 | 10 | 11 | 8 | 9 | 9 | 9 | 8 | 7 | 7 | 10 | 10 | 9 |
| 57 REEDER GULCH ASHLD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 58 ROGUE PP&L | 33 | 33 | 30 | 27 | 26 | 28 | 25 | 27 | 40 | 50 | 50 | 51 | 51 | 51 |
| 59 ROZA - PUMPING LOAD FED | 13 | 13 | 0 | 4 | 0 | 5 | 4 | 4 | 13 | 13 | 13 | 13 | 13 | 13 |
| 60 RYAN REGIONAL MPC | 17 | 17 | 17 | 15 | 15 | 17 | 17 | 16 | 14 | 12 | 12 | 19 | 19 | 18 |
| 61 SHOSHONE FALLS IPC | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 62 SNOQUALMIE ELCT & NK PSE | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| 63 SODA CREEK SODAS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 64 SOUTH FORK TOLT SCL | 0 | 0 | 0 | 0 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 |
| 65 SPRINGS PLANTS IPC | 27 | 28 | 28 | 30 | 31 | 31 | 30 | 30 | 27 | 28 | 28 | 27 | 26 | 26 |
| 66 STONE CREEK EUG | 4 | 6 | 10 | 10 | 10 | 2 | 7 | 1 | 4 | 6 | 5 | 7 | 6 | 10 |
| 67 STRAWBERRY LWVAL | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68 SWAN FALLS IPC | 14 | 14 | 16 | 18 | 19 | 19 | 17 | 17 | 16 | 16 | 16 | 15 | 14 | 14 |
| 69 T W SULLIVAN PGE | 14 | 14 | 14 | 14 | 14 | 14 | 16 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 70 THE DALLES FISHWAY NWSCO | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 71 TRAIL BRIDGE EUG | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 72 TWIN FALLS IPC | 5 | 5 | 8 | 4 | 11 | 14 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 7 |
| 73 UPPER SALMON 1&2 IPC | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 74 UPPER SALMON 3&4 IPC | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 75 WATERVILLE EUG | 5 | 6 | 4 | 5 | 4 | 5 | 3 | 7 | 8 | 6 | 6 | 9 | 9 | 8 |
| 76 WYNOCHEE TPU | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 77 YELM CNTRA | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 78 TOTAL HYDRO INDEPENDENTS | 1944 | 1927 | 1919 | 1892 | 1844 | 1839 | 1791 | 1894 | 1981 | 2024 | 2049 | 2153 | 2163 | 2010 |
| TOTAL HYDRO INDEPENDENTS | | | | | | | | | | | | | | |
| 79 FEDERAL SYSTEM | 775 | 787 | 768 | 774 | 738 | 703 | 674 | 790 | 850 | 875 | 875 | 914 | 915 | 793 |
| 80 PUBLIC AGENCIES | 238 | 238 | 261 | 262 | 264 | 264 | 261 | 267 | 298 | 302 | 301 | 306 | 302 | 262 |
| 81 INVESTOR-OWNED UTILITIES | 931 | 902 | 890 | 856 | 842 | 872 | 856 | 837 | 833 | 847 | 873 | 933 | 946 | 955 |
| 82 TOTAL HYDRO INDEPENDENTS | 1944 | 1927 | 1919 | 1892 | 1844 | 1839 | 1791 | 1894 | 1981 | 2024 | 2049 | 2153 | 2163 | 2010 |

HYDRO INDEPENDENTS

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| HYDRO INDEPENDENTS | | | | | | | | | | | | | | |
| 46 MLTWN FLT CR REGIONAL MPC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 2 | 2 | 2 |
| 47 MILNER IPC | 0 | 0 | 0 | 0 | 6 | 10 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 MINIDOKA FED | 30 | 30 | 28 | 19 | 15 | 18 | 26 | 15 | 16 | 22 | 22 | 30 | 30 | 31 |
| 49 MORONY REGIONAL MPC | 14 | 14 | 14 | 10 | 10 | 12 | 14 | 10 | 11 | 10 | 10 | 16 | 19 | 15 |
| 50 MORSE CREEK PANGL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 MOYIE SPRINGS BONFY | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 52 MYSTICE REGIONAL MPC | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 4 |
| 53 NORTH UMPQUA PP&L | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| 54 PACKWOOD ENW | 30 | 30 | 30 | 30 | 27 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 55 PALISADES FED | 131 | 131 | 128 | 109 | 108 | 116 | 122 | 128 | 131 | 131 | 131 | 131 | 131 | 131 |
| 56 RAINBOW REGIONAL MPC | 8 | 8 | 10 | 11 | 8 | 9 | 10 | 10 | 8 | 7 | 7 | 12 | 13 | 10 |
| 57 REEDER GULCH ASHLD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 58 ROGUE PP&L | 33 | 33 | 30 | 27 | 26 | 28 | 25 | 27 | 40 | 50 | 50 | 51 | 51 | 51 |
| 59 ROZA - PUMPING LOAD FED | 13 | 13 | 0 | 4 | 0 | 5 | 4 | 4 | 13 | 13 | 13 | 13 | 13 | 13 |
| 60 RYAN REGIONAL MPC | 18 | 18 | 18 | 16 | 15 | 18 | 17 | 16 | 15 | 13 | 13 | 22 | 25 | 19 |
| 61 SHOSHONE FALLS IPC | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 62 SNOQUALMIE ELCT & NK PSE | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| 63 SODA CREEK SODAS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 64 SOUTH FORK TOLT SCL | 0 | 0 | 0 | 0 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 |
| 65 SPRINGS PLANTS IPC | 27 | 28 | 28 | 30 | 31 | 31 | 30 | 30 | 27 | 28 | 28 | 27 | 26 | 26 |
| 66 STONE CREEK EUG | 4 | 6 | 10 | 10 | 10 | 2 | 7 | 1 | 4 | 6 | 5 | 7 | 6 | 10 |
| 67 STRAWBERRY LWVAL | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68 SWAN FALLS IPC | 14 | 14 | 16 | 18 | 19 | 19 | 17 | 17 | 16 | 16 | 16 | 15 | 14 | 14 |
| 69 T W SULLIVAN PGE | 14 | 14 | 14 | 14 | 14 | 14 | 16 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 70 THE DALLES FISHWAY NWSCO | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 71 TRAIL BRIDGE EUG | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 72 TWIN FALLS IPC | 5 | 5 | 8 | 4 | 11 | 14 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 7 |
| 73 UPPER SALMON 1&2 IPC | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 74 UPPER SALMON 3&4 IPC | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 75 WATERVILLE EUG | 5 | 6 | 4 | 5 | 4 | 5 | 3 | 7 | 8 | 6 | 6 | 9 | 9 | 8 |
| 76 WYNOCHEE TPU | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 77 YELM CNTRA | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 78 TOTAL HYDRO INDEPENDENTS | 1947 | 1930 | 1922 | 1894 | 1846 | 1841 | 1794 | 1897 | 1985 | 2026 | 2051 | 2168 | 2189 | 2014 |
| TOTAL HYDRO INDEPENDENTS | | | | | | | | | | | | | | |
| 79 FEDERAL SYSTEM | 775 | 787 | 768 | 774 | 738 | 703 | 674 | 790 | 850 | 875 | 875 | 914 | 915 | 793 |
| 80 PUBLIC AGENCIES | 238 | 238 | 261 | 262 | 264 | 264 | 261 | 267 | 298 | 302 | 301 | 306 | 302 | 262 |
| 81 INVESTOR-OWNED UTILITIES | 934 | 905 | 893 | 858 | 844 | 874 | 859 | 840 | 837 | 849 | 875 | 948 | 972 | 959 |
| 82 TOTAL HYDRO INDEPENDENTS | 1947 | 1930 | 1922 | 1894 | 1846 | 1841 | 1794 | 1897 | 1985 | 2026 | 2051 | 2168 | 2189 | 2014 |

TABLE A-5

IMPORTS
 1999 WHITE BOOK: 12/31/99
 2000- 1 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|-----|-----|-----|-----|------|------|------|-------------|--------------|------|------|------|
| IMPORTS FROM EAST | | | | | | | | | | | | | | |
| 1 BASIN EC TO MPC PWR S | 0 | 0 | 0 | 0 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 0 | 0 | 0 |
| 2 PP&L (WY) TO BPA SO ID | 13 | 13 | 42 | 108 | 161 | 215 | 189 | 145 | 117 | 90 | 90 | 0 | 18 | 34 |
| 3 IMPORTS FROM EAST | 13 | 13 | 42 | 108 | 259 | 313 | 287 | 243 | 215 | 188 | 188 | 0 | 18 | 34 |
| INTRA-COMPANY TRANSFERS FROM EAST | | | | | | | | | | | | | | |
| 4 PP&L (WY) TO PP&L | 1120 | 1120 | 743 | 903 | 789 | 992 | 1003 | 1044 | 1103 | 825 | 825 | 1295 | 1251 | 1097 |
| INTRA-COMPANY TRANSFERS FROM INLAND SOUTHWEST | | | | | | | | | | | | | | |
| 5 UTAH | 420 | 420 | 324 | 253 | 227 | 211 | 259 | 248 | 234 | 222 | 222 | 253 | 459 | 483 |
| IMPORTS FROM PSW | | | | | | | | | | | | | | |
| 6 COLTON TO BPA PWR X | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 OTHER ENTITIES TO BPA | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 PASADENA TO BPA XCH NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 PASADENA TO BPA PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 PASADENA TO BPA SEAS RPLC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 RIVERSIDE TO BPA XCH NRG 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 RIVERSIDE TO BPA PK REPL 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 RIVERSIDE TO BPA PK REPL 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 RIVERSIDE TO BPA SEAS XCHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 RIVERSIDE TO BPA XCH NRG 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 RIVERSIDE TO BPA PK REPL 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 SIERRA TO BPA HARNEY&WELLS | 75 | 75 | 75 | 45 | 45 | 45 | 45 | 45 | 45 | 75 | 75 | 75 | 75 | 75 |
| 18 SCE TO BPA ENV STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 SCE TO BPA OPT NRG | 0 | 0 | 0 | 0 | 0 | 0 | 230 | 230 | 273 | 273 | 0 | 0 | 0 | 0 |
| 20 SCE TO BPA OPT CAP PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 SCE TO PP&L PWR S | 0 | 0 | 0 | 422 | 422 | 422 | 422 | 422 | 422 | 0 | 0 | 0 | 0 | 0 |
| 22 GLENDALE TO PGE SPX | 0 | 0 | 0 | 0 | 30 | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 PG&E TO PSE SPX | 0 | 0 | 0 | 0 | 300 | 300 | 300 | 300 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 NCPA TO SCL SPX | 0 | 0 | 0 | 0 | 25 | 46 | 46 | 46 | 46 | 12 | 12 | 0 | 0 | 0 |
| 25 IMPORTS FROM PSW | 175 | 175 | 175 | 467 | 825 | 846 | 1076 | 1076 | 786 | 360 | 87 | 75 | 75 | 75 |

IMPORTS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| IMPORTS FROM CANADA | | | | | | | | | | | | | | |
| 26 BC HYDRO TO PSE PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 BC HYDRO TO SCL ROSS | 143 | 143 | 143 | 143 | 97 | 118 | 149 | 182 | 208 | 142 | 142 | 143 | 143 | 143 |
| 28 PWRX TO BENTON REA PWR S | 50 | 50 | 50 | 49 | 43 | 46 | 39 | 50 | 38 | 41 | 41 | 42 | 46 | 50 |
| 29 PWRX TO BPA (AZUSA) PK REP | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 PWRX TO BPA (BANN) PK REP | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 PWRX TO BPA (COLT) PK REP | 9 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 PWRX TO CLRWATER PWR S | 13 | 13 | 14 | 13 | 17 | 20 | 19 | 18 | 17 | 17 | 17 | 14 | 13 | 12 |
| 33 PWRX TO COWLITZ PWR S | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 34 PWRX TO EWEB PWR S | 66 | 66 | 66 | 74 | 89 | 97 | 102 | 97 | 88 | 81 | 81 | 72 | 66 | 64 |
| 35 W KOOTENAY TO AVWP PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 IMPORTS FROM CANADA | 347 | 347 | 349 | 333 | 300 | 335 | 363 | 401 | 405 | 335 | 335 | 325 | 322 | 323 |
| TOTAL IMPORTS | | | | | | | | | | | | | | |
| 37 FEDERAL SYSTEM | 209 | 209 | 239 | 153 | 209 | 263 | 467 | 423 | 435 | 438 | 165 | 75 | 93 | 109 |
| 38 PUBLIC AGENCIES | 326 | 326 | 327 | 333 | 325 | 381 | 409 | 447 | 451 | 347 | 347 | 325 | 322 | 323 |
| 39 INVESTOR-OWNED UTILITIES | 1540 | 1540 | 1067 | 1578 | 1866 | 2053 | 2112 | 2142 | 1857 | 1145 | 1145 | 1548 | 1710 | 1580 |
| 40 TOTAL IMPORTS | 2075 | 2075 | 1633 | 2064 | 2400 | 2697 | 2988 | 3012 | 2743 | 1930 | 1657 | 1948 | 2125 | 2012 |

NOTE: 1. BPA TO SCE: OPTION ENERGY IS INCLUDED THROUGH 10/31/2004.

2. THE FOLLOWING CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED THROUGH THE STUDY HORIZON.

- A. BURBANK TO BPA: SUPPLEMENTAL ENERGY
- C. PASADENA: SUPPLEMENTAL ENERGY
- B. GLENDALE TO BPA: SUPPLEMENTAL ENERGY
- D. SCE TO BPA: SUPPLEMENTAL ENERGY

TABLE A-5

SHEET 1 OF 2

IMPORTS
1999 WHITE BOOK: 12/31/99
2004- 5 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|------|------|-----|
| IMPORTS FROM EAST | | | | | | | | | | | | | | |
| 1 BASIN EC TO MPC PWR S | 0 | 0 | 0 | 0 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 0 | 0 | 0 |
| 2 PP&L (WY) TO BPA SO ID | 13 | 13 | 42 | 108 | 161 | 215 | 189 | 145 | 117 | 90 | 90 | 0 | 18 | 34 |
| 3 IMPORTS FROM EAST | 13 | 13 | 42 | 108 | 259 | 313 | 287 | 243 | 215 | 188 | 188 | 0 | 18 | 34 |
| INTRA-COMPANY TRANSFERS FROM EAST | | | | | | | | | | | | | | |
| 4 PP&L (WY) TO PP&L | 1006 | 1006 | 535 | 544 | 426 | 874 | 889 | 929 | 770 | 715 | 715 | 1189 | 1143 | 976 |
| INTRA-COMPANY TRANSFERS FROM INLAND SOUTHWEST | | | | | | | | | | | | | | |
| 5 UTAH | 454 | 454 | 351 | 274 | 246 | 228 | 281 | 279 | 254 | 240 | 240 | 275 | 477 | 523 |
| IMPORTS FROM PSW | | | | | | | | | | | | | | |
| 6 COLTON TO BPA PWR X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 OTHER ENTITIES TO BPA | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 50 | 50 | 0 | 0 | 100 |
| 8 PASADENA TO BPA XCH NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 PASADENA TO BPA PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 PASADENA TO BPA SEAS RPLC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 RIVERSIDE TO BPA XCH NRG 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 RIVERSIDE TO BPA PK REPL 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 RIVERSIDE TO BPA PK REPL 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 RIVERSIDE TO BPA SEAS XCHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 RIVERSIDE TO BPA XCH NRG 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 RIVERSIDE TO BPA PK REPL 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 SIERRA TO BPA HARNEY&WELLS | 75 | 75 | 75 | 45 | 45 | 45 | 45 | 45 | 45 | 75 | 75 | 75 | 75 | 75 |
| 18 SCE TO BPA ENV STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 SCE TO BPA OPT NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 SCE TO BPA OPT CAP PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 SCE TO PP&L PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 GLENDALE TO PGE SPX | 0 | 0 | 0 | 0 | 30 | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 PG&E TO PSE SPX | 0 | 0 | 0 | 0 | 300 | 300 | 300 | 300 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 NCPA TO SCL SPX | 0 | 0 | 0 | 0 | 25 | 46 | 46 | 46 | 46 | 12 | 12 | 0 | 0 | 0 |
| 25 IMPORTS FROM PSW | 175 | 175 | 175 | 145 | 500 | 521 | 521 | 521 | 191 | 137 | 137 | 75 | 75 | 175 |

IMPORTS
1999 WHITE BOOK: 12/31/99
2004- 5 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| IMPORTS FROM CANADA | | | | | | | | | | | | | | |
| 26 BC HYDRO TO PSE PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 BC HYDRO TO SCL ROSS | 143 | 143 | 143 | 143 | 97 | 118 | 149 | 182 | 208 | 143 | 143 | 143 | 143 | 143 |
| 28 PWRX TO BENTON REA PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 PWRX TO BPA (AZUSA) PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 PWRX TO BPA (BANN) PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 PWRX TO BPA (COLT) PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 PWRX TO CLRWATER PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 PWRX TO COWLITZ PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 PWRX TO EWEB PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 W KOOTENAY TO AVWP PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 IMPORTS FROM CANADA | 143 | 143 | 143 | 143 | 97 | 118 | 149 | 182 | 208 | 143 | 143 | 143 | 143 | 143 |
| TOTAL IMPORTS | | | | | | | | | | | | | | |
| 37 FEDERAL SYSTEM | 188 | 188 | 217 | 253 | 306 | 360 | 334 | 290 | 262 | 215 | 215 | 75 | 93 | 209 |
| 38 PUBLIC AGENCIES | 143 | 143 | 143 | 143 | 122 | 164 | 195 | 228 | 254 | 155 | 155 | 143 | 143 | 143 |
| 39 INVESTOR-OWNED UTILITIES | 1460 | 1460 | 886 | 818 | 1100 | 1530 | 1598 | 1636 | 1122 | 1053 | 1053 | 1464 | 1620 | 1499 |
| 40 TOTAL IMPORTS | 1791 | 1791 | 1246 | 1214 | 1528 | 2054 | 2127 | 2154 | 1638 | 1423 | 1423 | 1682 | 1856 | 1851 |

NOTE: 1. BPA TO SCE: OPTION ENERGY IS INCLUDED THROUGH 10/31/2004.
 2. THE FOLLOWING CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED THROUGH THE STUDY HORIZON.
 A. BURBANK TO BPA: SUPPLEMENTAL ENERGY C. PASADENA: SUPPLEMENTAL ENERGY
 B. GLENDALE TO BPA: SUPPLEMENTAL ENERGY D. SCE TO BPA: SUPPLEMENTAL ENERGY

TABLE A-5

IMPORTS
 1999 WHITE BOOK: 12/31/99
 2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| IMPORTS FROM EAST | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 1 BASIN EC TO MPC PWR S | 0 | 0 | 0 | 0 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 0 | 0 | 0 |
| 2 PP&L (WY) TO BPA SO ID | 13 | 13 | 42 | 108 | 161 | 215 | 189 | 145 | 117 | 90 | 90 | 0 | 18 | 34 |
| 3 IMPORTS FROM EAST | 13 | 13 | 42 | 108 | 259 | 313 | 287 | 243 | 215 | 188 | 188 | 0 | 18 | 34 |
| INTRA-COMPANY TRANSFERS FROM EAST | | | | | | | | | | | | | | |
| 4 PP&L (WY) TO PP&L | 879 | 879 | 517 | 677 | 897 | 742 | 755 | 794 | 858 | 586 | 586 | 1067 | 1018 | 838 |
| INTRA-COMPANY TRANSFERS FROM INLAND SOUTHWEST | | | | | | | | | | | | | | |
| 5 UTAH | 485 | 485 | 375 | 293 | 263 | 244 | 300 | 298 | 271 | 256 | 256 | 293 | 509 | 556 |
| IMPORTS FROM PSW | | | | | | | | | | | | | | |
| 6 COLTON TO BPA PWR X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 OTHER ENTITIES TO BPA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 PASADENA TO BPA XCH NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 PASADENA TO BPA PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 PASADENA TO BPA SEAS RPLC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 RIVERSIDE TO BPA XCH NRG 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 RIVERSIDE TO BPA PK REPL 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 RIVERSIDE TO BPA PK REPL 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 RIVERSIDE TO BPA SEAS XCHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 RIVERSIDE TO BPA XCH NRG 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 RIVERSIDE TO BPA PK REPL 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 SIERRA TO BPA HARNEY&WELLS | 75 | 75 | 75 | 45 | 45 | 45 | 45 | 45 | 45 | 75 | 75 | 75 | 75 | 75 |
| 18 SCE TO BPA ENV STORAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 SCE TO BPA OPT NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 SCE TO BPA OPT CAP PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 SCE TO PP&L PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 GLENDALE TO PGE SPX | 0 | 0 | 0 | 0 | 30 | 30 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 PG&E TO PSE SPX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 NCPA TO SCL SPX | 0 | 0 | 0 | 0 | 25 | 46 | 46 | 46 | 46 | 12 | 12 | 0 | 0 | 0 |
| 25 IMPORTS FROM PSW | 75 | 75 | 75 | 45 | 100 | 121 | 121 | 121 | 91 | 87 | 87 | 75 | 75 | 75 |

IMPORTS
 1999 WHITE BOOK: 12/31/99
 2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| IMPORTS FROM CANADA | | | | | | | | | | | | | | |
| 26 BC HYDRO TO PSE PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 BC HYDRO TO SCL ROSS | 143 | 143 | 143 | 143 | 97 | 118 | 149 | 182 | 208 | 143 | 143 | 143 | 143 | 143 |
| 28 PWRX TO BENTON REA PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 PWRX TO BPA (AZUSA) PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 PWRX TO BPA (BANN) PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 PWRX TO BPA (COLT) PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 PWRX TO CLRWATER PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 PWRX TO COWLITZ PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 PWRX TO EWEB PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 W KOOTENAY TO AVWP PK REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 IMPORTS FROM CANADA | 143 | 143 | 143 | 143 | 97 | 118 | 149 | 182 | 208 | 143 | 143 | 143 | 143 | 143 |
| TOTAL IMPORTS | | | | | | | | | | | | | | |
| 37 FEDERAL SYSTEM | 88 | 88 | 117 | 153 | 206 | 260 | 234 | 190 | 162 | 165 | 165 | 75 | 93 | 109 |
| 38 PUBLIC AGENCIES | 143 | 143 | 143 | 143 | 122 | 164 | 195 | 228 | 254 | 155 | 155 | 143 | 143 | 143 |
| 39 INVESTOR-OWNED UTILITIES | 1364 | 1364 | 892 | 970 | 1288 | 1114 | 1183 | 1220 | 1227 | 940 | 940 | 1360 | 1527 | 1394 |
| 40 TOTAL IMPORTS | 1595 | 1595 | 1152 | 1266 | 1616 | 1538 | 1612 | 1638 | 1643 | 1260 | 1260 | 1578 | 1763 | 1646 |

NOTE: 1. BPA TO SCE: OPTION ENERGY IS INCLUDED THROUGH 10/31/2004.
 2. THE FOLLOWING CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED THROUGH THE STUDY HORIZON.
 A. BURBANK TO BPA: SUPPLEMENTAL ENERGY C. PASADENA: SUPPLEMENTAL ENERGY
 B. GLENDALE TO BPA: SUPPLEMENTAL ENERGY D. SCE TO BPA: SUPPLEMENTAL ENERGY

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

SMALL THERMAL AND MISCELLANEOUS RESOURCES

-- PUBLIC AGENCIES --

| | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 SCL BOUNDARY SCL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 PUBLIC AGENCIES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

-- INVESTOR-OWNED UTILITIES --

| | | | | | | | | | | | | | | |
|----------------------------|----|----|----|----|-----|-----|-----|-----|----|----|----|----|---|----|
| 3 ENERGY MGMT SYSTEMS IPC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 CORETTE REGIONAL MPC | 53 | 53 | 44 | 47 | 39 | 36 | 37 | 34 | 35 | 32 | 32 | 47 | 0 | 54 |
| 5 CRYSTAL MOUNTAIN PSE | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 SHUFFLETON PSE | 0 | 0 | 0 | 0 | 88 | 88 | 88 | 88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 INVESTOR-OWNED UTILITIES | 53 | 53 | 44 | 47 | 130 | 127 | 128 | 125 | 35 | 32 | 32 | 47 | 0 | 54 |

TOTAL SMALL THERMAL & MISCELLANEOUS RESOURCES

| | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|----|-----|-----|-----|-----|----|----|----|----|---|----|
| 8 TOTAL SMALL THERMAL & MISC. | 54 | 54 | 45 | 48 | 131 | 128 | 129 | 126 | 36 | 33 | 33 | 48 | 1 | 55 |
|-------------------------------|----|----|----|----|-----|-----|-----|-----|----|----|----|----|---|----|

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

PEAK IN MEGAWATTS

| AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

SMALL THERMAL AND MISCELLANEOUS RESOURCES

-- PUBLIC AGENCIES --

| | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 SCL BOUNDARY SCL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 PUBLIC AGENCIES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

-- INVESTOR-OWNED UTILITIES --

| | | | | | | | | | | | | | |
|----------------------------|----|----|----|----|-----|-----|-----|-----|----|----|----|----|---|
| 3 ENERGY MGMT SYSTEMS IPC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 CORETTE REGIONAL MPC | 43 | 43 | 44 | 46 | 38 | 42 | 42 | 40 | 34 | 31 | 31 | 47 | 0 |
| 5 CRYSTAL MOUNTAIN PSE | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| 6 SHUFFLETON PSE | 0 | 0 | 0 | 0 | 88 | 88 | 88 | 88 | 0 | 0 | 0 | 0 | 0 |
| 7 INVESTOR-OWNED UTILITIES | 43 | 43 | 44 | 46 | 129 | 133 | 133 | 131 | 34 | 31 | 31 | 47 | 0 |

TOTAL SMALL THERMAL & MISCELLANEOUS RESOURCES

| | | | | | | | | | | | | | |
|-------------------------------|----|----|----|----|-----|-----|-----|-----|----|----|----|----|---|
| 8 TOTAL SMALL THERMAL & MISC. | 44 | 44 | 45 | 47 | 130 | 134 | 134 | 132 | 35 | 32 | 32 | 48 | 1 |
|-------------------------------|----|----|----|----|-----|-----|-----|-----|----|----|----|----|---|

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

PEAK IN MEGAWATTS

| | 2009-10 OPERATING YEAR | | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | APR | MAY | JUN | JUL |
|---|------------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| | AUG 1-15 | AUG 16-31 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | APR 1-15 | APR 16-30 | ----- | ----- | ----- |
| SMALL THERMAL AND MISCELLANEOUS RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 SCL BOUNDARY SCL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 PUBLIC AGENCIES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 3 ENERGY MGMT SYSTEMS IPC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 CORETTE REGIONAL MPC | 45 | 45 | 45 | 47 | 40 | 43 | 44 | 41 | 36 | 33 | 33 | 56 | 0 | 47 |
| 5 CRYSTAL MOUNTAIN PSE | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 SHUFFLETON PSE | 0 | 0 | 0 | 0 | 88 | 88 | 88 | 88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 INVESTOR-OWNED UTILITIES | 45 | 45 | 45 | 47 | 131 | 134 | 135 | 132 | 36 | 33 | 33 | 56 | 0 | 47 |
| TOTAL SMALL THERMAL & MISCELLANEOUS RESOURCES | | | | | | | | | | | | | | |
| 8 TOTAL SMALL THERMAL & MISC. | 46 | 46 | 46 | 48 | 132 | 135 | 136 | 133 | 37 | 34 | 34 | 57 | 1 | 48 |

TABLE A-7

COMBUSTION TURBINES
2000- 1 OPERATING YEAR

1999 WHITE BOOK: 12/31/99
RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| COMBUSTION TURBINES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 RIVER ROAD (COGNTRX) CLRK | 237 | 237 | 238 | 245 | 249 | 251 | 249 | 248 | 247 | 244 | 244 | 0 | 244 | 239 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 2 BEAVER PGE | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 0 | 500 | 500 |
| 3 WHIDBEY ISLAND PSE | 0 | 0 | 0 | 0 | 29 | 29 | 29 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 WHITEHORN PSE | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 |
| 5 FREDRICKSON PSE | 0 | 0 | 0 | 0 | 178 | 178 | 178 | 178 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 FREDONIA UNITS 1&2 PSE | 0 | 0 | 0 | 0 | 247 | 247 | 247 | 247 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 NORTHEAST UNITS 1&2 AVWP | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| 8 INVESTOR-OWNED UTILITIES | 815 | 815 | 815 | 815 | 1269 | 1269 | 1269 | 1269 | 815 | 815 | 815 | 315 | 815 | 815 |
| TOTAL COMBUSTION TURBINES | | | | | | | | | | | | | | |
| 9 TOTAL COMBUSTION TURBINES | 1052 | 1052 | 1053 | 1060 | 1518 | 1520 | 1518 | 1517 | 1062 | 1059 | 1059 | 315 | 1059 | 1054 |

TABLE A-7

COMBUSTION TURBINES
2004- 5 OPERATING YEAR

1999 WHITE BOOK: 12/31/99
RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| COMBUSTION TURBINES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 RIVER ROAD (COGNTRX) CLRK | 241 | 241 | 242 | 249 | 253 | 255 | 253 | 252 | 251 | 248 | 248 | 0 | 244 | 239 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 2 BEAVER PGE | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 0 | 500 | 500 |
| 3 WHIDBEY ISLAND PSE | 0 | 0 | 0 | 0 | 29 | 29 | 29 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 WHITEHORN PSE | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 |
| 5 FREDRICKSON PSE | 0 | 0 | 0 | 0 | 178 | 178 | 178 | 178 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 FREDONIA UNITS 1&2 PSE | 0 | 0 | 0 | 0 | 247 | 247 | 247 | 247 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 NORTHEAST UNITS 1&2 AVWP | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| 8 INVESTOR-OWNED UTILITIES | 815 | 815 | 815 | 815 | 1269 | 1269 | 1269 | 1269 | 815 | 815 | 815 | 315 | 815 | 815 |
| TOTAL COMBUSTION TURBINES | | | | | | | | | | | | | | |
| 9 TOTAL COMBUSTION TURBINES | 1056 | 1056 | 1057 | 1064 | 1522 | 1524 | 1522 | 1521 | 1066 | 1063 | 1063 | 315 | 1059 | 1054 |

TABLE A-7

COMBUSTION TURBINES
 1999 WHITE BOOK: 12/31/99
 2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| COMBUSTION TURBINES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 RIVER ROAD (COGNTRX) CLRK | 235 | 235 | 236 | 243 | 247 | 249 | 247 | 246 | 245 | 242 | 242 | 0 | 246 | 241 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 2 BEAVER PGE | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 0 | 500 | 500 |
| 3 WHIDBEY ISLAND PSE | 0 | 0 | 0 | 0 | 29 | 29 | 29 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 WHITEHORN PSE | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 |
| 5 FREDRICKSON PSE | 0 | 0 | 0 | 0 | 178 | 178 | 178 | 178 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 FREDONIA UNITS 1&2 PSE | 0 | 0 | 0 | 0 | 247 | 247 | 247 | 247 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 NORTHEAST UNITS 1&2 AVWP | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| 8 INVESTOR-OWNED UTILITIES | 815 | 815 | 815 | 815 | 1269 | 1269 | 1269 | 1269 | 815 | 815 | 815 | 315 | 815 | 815 |
| TOTAL COMBUSTION TURBINES | | | | | | | | | | | | | | |
| 9 TOTAL COMBUSTION TURBINES | 1050 | 1050 | 1051 | 1058 | 1516 | 1518 | 1516 | 1515 | 1060 | 1057 | 1057 | 315 | 1061 | 1056 |

TABLE A-8

RENEWABLE RESOURCES
 1999 WHITE BOOK: 12/31/99
 2000- 1 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| RENEWABLE RESOURCES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 1 JR WAUNA | 27 | 27 | 27 | 28 | 29 | 31 | 32 | 31 | 31 | 30 | 30 | 27 | 27 | 27 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 2 SHORT MOUNTAIN EMERALD | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 3 COFFIN BUTTE CONSUMERS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 4 PUBLIC AGENCIES | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 5 KETTLE FALLS AVWP | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 0 | 48 | 48 |
| TOTAL RENEWABLE RESOURCES | | | | | | | | | | | | | | |
| 6 TOTAL RENEWABLE RESOURCES | 81 | 81 | 81 | 82 | 83 | 85 | 86 | 85 | 85 | 84 | 84 | 33 | 81 | 81 |

TABLE A-8

RENEWABLE RESOURCES
 1999 WHITE BOOK: 12/31/99
 2004- 5 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| RENEWABLE RESOURCES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 1 JR WAUNA | 27 | 27 | 27 | 28 | 29 | 31 | 32 | 31 | 31 | 30 | 30 | 27 | 27 | 27 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 2 SHORT MOUNTAIN EMERALD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3 COFFIN BUTTE CONSUMERS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 4 PUBLIC AGENCIES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 5 KETTLE FALLS AVWP | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 0 | 48 | 48 |
| TOTAL RENEWABLE RESOURCES | | | | | | | | | | | | | | |
| 6 TOTAL RENEWABLE RESOURCES | 82 | 82 | 82 | 83 | 84 | 86 | 87 | 86 | 86 | 85 | 85 | 34 | 82 | 82 |

TABLE A-8

RENEWABLE RESOURCES
 1999 WHITE BOOK: 12/31/99
 2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| RENEWABLE RESOURCES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 1 JR WAUNA | 27 | 27 | 27 | 28 | 29 | 31 | 32 | 31 | 31 | 30 | 30 | 27 | 27 | 27 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 2 SHORT MOUNTAIN EMERALD | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3 COFFIN BUTTE CONSUMERS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 4 PUBLIC AGENCIES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 5 KETTLE FALLS AVWP | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 0 | 48 | 48 |
| TOTAL RENEWABLE RESOURCES | | | | | | | | | | | | | | |
| 6 TOTAL RENEWABLE RESOURCES | 82 | 82 | 82 | 83 | 84 | 86 | 87 | 86 | 86 | 85 | 85 | 34 | 82 | 82 |

TABLE A-9

COGENERATION
 1999 WHITE BOOK: 12/31/99
 2000- 1 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| COGENERATION | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 WEYCO ENERGY CENTER EWEB | 20 | 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| 2 PUBLIC AGENCIES | 20 | 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 4 HERMISTON PP&L | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| 5 INVESTOR-OWNED UTILITIES | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 0 | 469 | 469 |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 6 LONGVIEW FIBRE FOR WAPA * | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| TOTAL COGENERATION | | | | | | | | | | | | | | |
| 7 TOTAL COGENERATION | 775 | 775 | 775 | 775 | 775 | 755 | 775 | 775 | 775 | 775 | 775 | 306 | 775 | 755 |

TABLE A-9

COGENERATION
 1999 WHITE BOOK: 12/31/99
 2004- 5 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| COGENERATION | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 WEYCO ENERGY CENTER EWEB | 20 | 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| 2 PUBLIC AGENCIES | 20 | 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 3 COYOTE SPRINGS PGE | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| 4 HERMISTON PP&L | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 0 | 469 | 469 |
| 5 INVESTOR-OWNED UTILITIES | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 241 | 710 | 710 |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 6 LONGVIEW FIBRE FOR WAPA * | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| TOTAL COGENERATION | | | | | | | | | | | | | | |
| 7 TOTAL COGENERATION | 775 | 775 | 775 | 775 | 775 | 755 | 775 | 775 | 775 | 775 | 775 | 306 | 775 | 755 |

TABLE A-9

COGENERATION
 1999 WHITE BOOK: 12/31/99
 2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| COGENERATION | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 WEYCO ENERGY CENTER EWEB | 20 | 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| 2 PUBLIC AGENCIES | 20 | 20 | 20 | 20 | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 3 COYOTE SPRINGS PGE | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| 4 HERMISTON PP&L | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 469 | 0 | 469 | 469 |
| 5 INVESTOR-OWNED UTILITIES | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 710 | 241 | 710 | 710 |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 6 LONGVIEW FIBRE FOR WAPA * | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| TOTAL COGENERATION | | | | | | | | | | | | | | |
| 7 TOTAL COGENERATION | 775 | 775 | 775 | 775 | 775 | 755 | 775 | 775 | 775 | 775 | 775 | 306 | 775 | 755 |

LARGE THERMAL
 1999 WHITE BOOK: 12/31/99
 2000- 1 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| LARGE THERMAL | | | | | | | | | | | | | | |
| BOARDMAN: COAL | | | | | | | | | | | | | | |
| 1 IPC SHARE 10.0 % | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 2 PGE SHARE 65.2 % | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 |
| 3 BOARDMAN (75.2% REGION) | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 |
| -- NON-NORTHWEST UTILITIES SHARE -- | | | | | | | | | | | | | | |
| 4 SDG&E SHARE 14.8 % * | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 5 TURLOCK SHARE 10.0 % * | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 6 BOARDMAN (24.8% NON-REGION) | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 7 BOARDMAN TOTAL | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 |
| CENTRALIA: COAL | | | | | | | | | | | | | | |
| 8 PP&L SHARE 47.5 % | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 318 | 637 | 637 |
| 9 PGE SHARE 2.5 % | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 17 | 33 | 33 |
| 10 PSE SHARE 7.0 % | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 47 | 94 | 94 |
| 11 SCL SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 54 | 107 | 107 |
| 12 TPU SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 54 | 107 | 107 |
| 13 AVWP SHARE 15.0 % | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 100 | 201 | 201 |
| 14 SNOHOM SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 53 | 107 | 107 |
| 15 GHARBOR SHARE 4.0% | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 27 | 54 | 54 |
| 16 CENTRALIA TOTAL | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 670 | 1340 | 1340 |
| COLSTRIP 1 & 2: COAL | | | | | | | | | | | | | | |
| 17 MPC SHARE IN REGION | 107 | 107 | 89 | 95 | 80 | 74 | 76 | 70 | 71 | 64 | 64 | 48 | 124 | 110 |
| 18 PSE SHARE | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 154 | 307 | 307 |
| 19 COLSTRIP 1 & 2 REGION TOTAL | 414 | 414 | 396 | 402 | 387 | 381 | 383 | 376 | 378 | 371 | 371 | 202 | 431 | 417 |
| COLSTRIP 3: COAL | | | | | | | | | | | | | | |
| 20 MPC SHARE IN REGION | 77 | 77 | 65 | 68 | 58 | 53 | 55 | 50 | 51 | 46 | 46 | 69 | 0 | 80 |
| 21 PP&L SHARE 10 % | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 0 | 74 |
| 22 PGE SHARE 20 % | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 0 | 148 |
| 23 PSE SHARE 25 % | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 0 | 185 |
| 24 AVWP SHARE 15 % | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 0 | 111 |
| 25 COLSTRIP 3 REGIONAL TOTAL | 595 | 595 | 583 | 586 | 576 | 571 | 573 | 568 | 569 | 564 | 564 | 587 | 0 | 598 |

LARGE THERMAL
 1999 WHITE BOOK: 12/31/99
 2000- 1 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| LARGE THERMAL | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| COLSTRIP 4: COAL | | | | | | | | | | | | | | |
| 26 MPC SHARE 30 % | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 |
| 27 PP&L SHARE 10 % | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| 28 PGE SHARE 20 % | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 |
| 29 PSE SHARE 25 % | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 |
| 30 AVWP SHARE 15 % | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 |
| 31 COLSTRIP 4 REGIONAL TOTAL | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 |
| JIM BRIDGER: COAL | | | | | | | | | | | | | | |
| 32 IPC SHARE 33% | 707 | 707 | 707 | 707 | 706 | 707 | 706 | 707 | 707 | 530 | 530 | 530 | 707 | 707 |
| VALMY: COAL | | | | | | | | | | | | | | |
| 33 IPC SHARE 50% | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 |
| WNP 2: NUCLEAR | | | | | | | | | | | | | | |
| 34 FEDERAL SHARE 100% | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 0 | 0 | 1162 | 1162 |
| 35 TOTAL LARGE THERMAL | 5746 | 5746 | 5716 | 5725 | 5699 | 5689 | 5692 | 5681 | 5684 | 5495 | 4333 | 3517 | 5168 | 5752 |
| TOTAL LARGE THERMAL | | | | | | | | | | | | | | |
| 36 FEDERAL SYSTEM | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 0 | 0 | 1162 | 1162 |
| 37 PUBLIC AGENCIES | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 188 | 375 | 375 |
| 38 INVESTOR-OWNED UTILITIES | 4074 | 4074 | 4044 | 4053 | 4027 | 4017 | 4020 | 4009 | 4012 | 3823 | 3823 | 3194 | 3496 | 4080 |
| 39 NON-NORTHWEST UTILITIES * | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 40 TOTAL LARGE THERMAL | 5746 | 5746 | 5716 | 5725 | 5699 | 5689 | 5692 | 5681 | 5684 | 5495 | 4333 | 3517 | 5168 | 5752 |

LARGE THERMAL

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| LARGE THERMAL | | | | | | | | | | | | | | |
| BOARDMAN: COAL | | | | | | | | | | | | | | |
| 1 IPC SHARE 10.0 % | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 2 PGE SHARE 65.2 % | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 |
| 3 BOARDMAN (75.2% REGION) | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 |
| -- NON-NORTHWEST UTILITIES SHARE -- | | | | | | | | | | | | | | |
| 4 SDG&E SHARE 14.8 % * | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 5 TURLOCK SHARE 10.0 % * | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 6 BOARDMAN (24.8% NON-REGION) | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 7 BOARDMAN TOTAL | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 |
| CENTRALIA: COAL | | | | | | | | | | | | | | |
| 8 PP&L SHARE 47.5 % | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 318 | 318 | 637 | 637 | 637 |
| 9 PGE SHARE 2.5 % | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 17 | 17 | 33 | 33 | 33 |
| 10 PSE SHARE 7.0 % | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 47 | 47 | 94 | 94 | 94 |
| 11 SCL SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 54 | 54 | 107 | 107 | 107 |
| 12 TPU SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 54 | 54 | 107 | 107 | 107 |
| 13 AVWP SHARE 15.0 % | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 100 | 100 | 201 | 201 | 201 |
| 14 SNOHOM SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 53 | 53 | 107 | 107 | 107 |
| 15 GHARBOR SHARE 4.0% | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 27 | 27 | 54 | 54 | 54 |
| 16 CENTRALIA TOTAL | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 670 | 670 | 1340 | 1340 | 1340 |
| COLSTRIP 1 & 2: COAL | | | | | | | | | | | | | | |
| 17 MPC SHARE IN REGION | 88 | 88 | 89 | 93 | 78 | 85 | 86 | 81 | 70 | 64 | 64 | 48 | 100 | 93 |
| 18 PSE SHARE | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 154 | 307 | 307 |
| 19 COLSTRIP 1 & 2 REGION TOTAL | 395 | 395 | 395 | 400 | 385 | 392 | 393 | 388 | 377 | 371 | 371 | 201 | 407 | 400 |
| COLSTRIP 3: COAL | | | | | | | | | | | | | | |
| 20 MPC SHARE IN REGION | 64 | 64 | 64 | 67 | 57 | 61 | 62 | 58 | 51 | 46 | 46 | 69 | 72 | 67 |
| 21 PP&L SHARE 10 % | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| 22 PGE SHARE 20 % | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 |
| 23 PSE SHARE 25 % | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 |
| 24 AVWP SHARE 15 % | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 |
| 25 COLSTRIP 3 REGIONAL TOTAL | 582 | 582 | 582 | 585 | 575 | 579 | 580 | 576 | 569 | 564 | 564 | 587 | 590 | 585 |

LARGE THERMAL
 1999 WHITE BOOK: 12/31/99
 2004- 5 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| LARGE THERMAL | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| COLSTRIP 4: COAL | | | | | | | | | | | | | | |
| 26 MPC SHARE 30 % | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 |
| 27 PP&L SHARE 10 % | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| 28 PGE SHARE 20 % | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 |
| 29 PSE SHARE 25 % | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 |
| 30 AVWP SHARE 15 % | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 |
| 31 COLSTRIP 4 REGIONAL TOTAL | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 |
| JIM BRIDGER: COAL | | | | | | | | | | | | | | |
| 32 IPC SHARE 33% | 707 | 707 | 707 | 707 | 707 | 707 | 707 | 707 | 706 | 530 | 354 | 707 | 707 | 706 |
| VALMY: COAL | | | | | | | | | | | | | | |
| 33 IPC SHARE 50% | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 121 | 121 | 242 | 242 | 242 |
| WNP 2: NUCLEAR | | | | | | | | | | | | | | |
| 34 FEDERAL SHARE 100% | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 0 | 0 | 1162 | 1162 |
| 35 TOTAL LARGE THERMAL | 5714 | 5714 | 5714 | 5722 | 5697 | 5708 | 5710 | 5701 | 5682 | 4704 | 3366 | 4363 | 5734 | 5721 |
| TOTAL LARGE THERMAL | | | | | | | | | | | | | | |
| 36 FEDERAL SYSTEM | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 0 | 0 | 1162 | 1162 |
| 37 PUBLIC AGENCIES | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 188 | 188 | 375 | 375 | 375 |
| 38 INVESTOR-OWNED UTILITIES | 4042 | 4042 | 4042 | 4050 | 4025 | 4036 | 4038 | 4029 | 4010 | 3219 | 3043 | 3853 | 4062 | 4049 |
| 39 NON-NORTHWEST UTILITIES * | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 40 TOTAL LARGE THERMAL | 5714 | 5714 | 5714 | 5722 | 5697 | 5708 | 5710 | 5701 | 5682 | 4704 | 3366 | 4363 | 5734 | 5721 |

TABLE A-10

SHEET 1 OF 2

LARGE THERMAL
1999 WHITE BOOK: 12/31/99
2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| LARGE THERMAL | | | | | | | | | | | | | | |
| BOARDMAN: COAL | | | | | | | | | | | | | | |
| 1 IPC SHARE 10.0 % | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 2 PGE SHARE 65.2 % | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 | 356 |
| 3 BOARDMAN (75.2% REGION) | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 | 411 |
| -- NON-NORTHWEST UTILITIES SHARE -- | | | | | | | | | | | | | | |
| 4 SDG&E SHARE 14.8 % * | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 5 TURLOCK SHARE 10.0 % * | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 6 BOARDMAN (24.8% NON-REGION) | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 7 BOARDMAN TOTAL | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 | 546 |
| CENTRALIA: COAL | | | | | | | | | | | | | | |
| 8 PP&L SHARE 47.5 % | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 637 | 318 | 318 | 637 | 637 | 637 |
| 9 PGE SHARE 2.5 % | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 17 | 17 | 33 | 33 | 33 |
| 10 PSE SHARE 7.0 % | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 47 | 47 | 94 | 94 | 94 |
| 11 SCL SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 54 | 54 | 107 | 107 | 107 |
| 12 TPU SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 54 | 54 | 107 | 107 | 107 |
| 13 AVWP SHARE 15.0 % | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 201 | 100 | 100 | 201 | 201 | 201 |
| 14 SNOHOM SHARE 8.0 % | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 53 | 53 | 107 | 107 | 107 |
| 15 GHARBOR SHARE 4.0% | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 27 | 27 | 54 | 54 | 54 |
| 16 CENTRALIA TOTAL | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 1340 | 670 | 670 | 1340 | 1340 | 1340 |
| COLSTRIP 1 & 2: COAL | | | | | | | | | | | | | | |
| 17 MPC SHARE IN REGION | 91 | 91 | 91 | 95 | 81 | 88 | 90 | 84 | 73 | 67 | 67 | 0 | 127 | 96 |
| 18 PSE SHARE | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 0 | 307 | 307 |
| 19 COLSTRIP 1 & 2 REGION TOTAL | 398 | 398 | 398 | 402 | 388 | 395 | 396 | 391 | 380 | 374 | 374 | 0 | 434 | 403 |
| COLSTRIP 3: COAL | | | | | | | | | | | | | | |
| 20 MPC SHARE IN REGION | 66 | 66 | 66 | 69 | 58 | 63 | 65 | 61 | 53 | 48 | 48 | 82 | 0 | 69 |
| 21 PP&L SHARE 10 % | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 0 | 74 |
| 22 PGE SHARE 20 % | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 0 | 148 |
| 23 PSE SHARE 25 % | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 0 | 185 |
| 24 AVWP SHARE 15 % | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 0 | 111 |
| 25 COLSTRIP 3 REGIONAL TOTAL | 584 | 584 | 584 | 587 | 576 | 581 | 583 | 579 | 571 | 566 | 566 | 600 | 0 | 587 |

LARGE THERMAL
 1999 WHITE BOOK: 12/31/99
 2009-10 OPERATING YEAR RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| LARGE THERMAL | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| COLSTRIP 4: COAL | | | | | | | | | | | | | | |
| 26 MPC SHARE 30 % | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 | 222 |
| 27 PP&L SHARE 10 % | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| 28 PGE SHARE 20 % | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 | 148 |
| 29 PSE SHARE 25 % | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 |
| 30 AVWP SHARE 15 % | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 | 111 |
| 31 COLSTRIP 4 REGIONAL TOTAL | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 | 740 |
| JIM BRIDGER: COAL | | | | | | | | | | | | | | |
| 32 IPC SHARE 33% | 706 | 706 | 707 | 707 | 707 | 707 | 707 | 706 | 707 | 530 | 707 | 530 | 707 | 707 |
| VALMY: COAL | | | | | | | | | | | | | | |
| 33 IPC SHARE 50% | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 242 | 121 | 121 | 242 | 242 | 242 |
| WNP 2: NUCLEAR | | | | | | | | | | | | | | |
| 34 FEDERAL SHARE 100% | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 |
| 35 TOTAL LARGE THERMAL | 5718 | 5718 | 5719 | 5726 | 5701 | 5713 | 5716 | 5706 | 5688 | 4709 | 4886 | 5160 | 5171 | 5727 |
| TOTAL LARGE THERMAL | | | | | | | | | | | | | | |
| 36 FEDERAL SYSTEM | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 |
| 37 PUBLIC AGENCIES | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 188 | 188 | 375 | 375 | 375 |
| 38 INVESTOR-OWNED UTILITIES | 4046 | 4046 | 4047 | 4054 | 4029 | 4041 | 4044 | 4034 | 4016 | 3224 | 3401 | 3488 | 3499 | 4055 |
| 39 NON-NORTHWEST UTILITIES * | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |
| 40 TOTAL LARGE THERMAL | 5718 | 5718 | 5719 | 5726 | 5701 | 5713 | 5716 | 5706 | 5688 | 4709 | 4886 | 5160 | 5171 | 5727 |

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1 2003

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ROCKY REACH CER FOR CSPE OBLIGATION | | | | | | | | | | | | | | |
| 30 PP&L TO BPA CER(CSPE) RRH | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 31 PGE TO BPA CER(CSPE) RRH | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 32 PSE TO BPA CER(CSPE) RRH | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 33 AVWP TO BPA CER(CSPE) RRH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 DOUGLS TO BPA CER(CSPE) RRH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 CHELAN TO BPA CER(CSPE) RRH | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 36 COLOCK TO BPA CER(CSPE) RRH | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 37 RRH CER(CSPE) OBLIGATION | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| WELLS CER FOR CSPE OBLIGATION | | | | | | | | | | | | | | |
| 38 PP&L TO BPA CER(CSPE) WEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 39 PGE TO BPA CER(CSPE) WEL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 40 PSE TO BPA CER(CSPE) WEL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 41 AVWP TO BPA CER(CSPE) WEL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 DOUGLS TO BPA CER(CSPE) WEL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 43 OKANOG TO BPA CER(CSPE) WEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 44 WEL CER(CSPE) OBLIGATION | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 |
| 45 TOTAL CER(CSPE) OBLIGATION | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 187 | 187 | 187 | 187 | 187 |
| TOTAL CER FOR CSPE OBLIGATION | | | | | | | | | | | | | | |
| 46 FEDERAL SYSTEM | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 145 | 145 | 145 | 145 | 145 |
| 47 PUBLIC AGENCIES | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 48 INVESTOR-OWNED UTILITIES | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 |
| 49 OTHER ENTITIES | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 50 TOTAL CER FOR CSPE | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 187 | 187 | 187 | 187 | 187 |

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1 2003

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| CSPE PURCHASE | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 BPA TO CHELAN CSPE | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 BPA TO CLARK CSPE | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 3 BPA TO COWLITZ CSPE | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 4 BPA TO DOUGLAS CSPE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 BPA TO EWEB CSPE | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 6 BPA TO GRANT CSPE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 BPA TO GRAYS HARBOR CSPE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 8 BPA TO PEND O CSPE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 BPA TO SCL CSPE | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 |
| 10 BPA TO SNOHOMISH CSPE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 11 BPA TO SUB CSPE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 BPA TO TPU CSPE | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 |
| 13 BPA TO SMALL NGP CSPE | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 |
| 14 TOTAL BPA TO PUBLIC | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 93 | 93 | 93 | 93 | 93 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 15 BPA TO AVWP | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 |
| 16 BPA TO PGE | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 |
| 17 BPA TO PPL | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 |
| 18 BPA TO PSE | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 19 TOTAL BPA TO IOU | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 93 | 93 | 93 | 93 | 93 |
| TOTAL CSPE PURCHASE | | | | | | | | | | | | | | |
| 20 TOTAL CSPE PURCHASE | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 192 | 186 | 186 | 186 | 186 | 186 |

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1 2003

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

SUPPLEMENTAL AND ENTITLEMENT CAPACITY

-- PUBLIC AGENCIES --

| | | | | | | | | | | | | | | |
|------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 BPA TO CHELAN SUP CAP | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 2 BPA TO COWLITZ SUP CAP | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 BPA TO DOUGLAS SUP CAP | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 4 BPA TO EWEB SUP CAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 BPA TO GRANT SUP CAP | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 6 BPA TO OKANOGAN SUP CAP | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 BPA TO SCL SUP CAP | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 8 BPA TO TPU SUP CAP | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 9 BPA TO FGROVE SUP CAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 BPA TO MCMINN SUP CAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 BPA TO MFREE SUP CAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 BPA TO KITTITAS SUP CAP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 BPA TO PGE SUP CAP | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 14 BPA TO PPL SUP CAP | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 |
| 15 BPA TO PSE SUP CAP | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 16 BPA TO AVWP SUP CAP | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 17 BPA TO COLOCKUM SUP CAP | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 18 CHELAN TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 COWLITZ TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 DOUGLAS TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 EWEB TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 GRANT TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 OKANOGAN TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 SCL TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 TPU TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 FGROVE TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 MCMINN TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 MFREE TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 KITTITAS TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 PGE TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 PPL TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 PSE TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 AVWP TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 COLOCKUM TO BPA SUP REP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 TOTAL SUPP & ENT CAPACITY | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 84 | 84 | 84 | 84 | 84 |

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1 2003

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| TOTAL SUPP & ENT CAPACITY INTRA-REG TRANSFERS OUT | | | | | | | | | | | | | | |
| 36 FEDERAL SUPP & ENT CAP OUT | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 84 | 84 | 84 | 84 | 84 |
| 37 PUBLIC SUPP & ENT CAP OUT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 IOU SUPP & ENT CAP OUT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 OTHER SUPP & ENT CAP OUT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 TOTAL SUPP & ENT CAP OUT | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 84 | 84 | 84 | 84 | 84 |
| TOTAL SUPP & ENT CAPACITY INTRA-REG TRANSFERS IN | | | | | | | | | | | | | | |
| 41 FEDERAL SUPP & ENT CAP IN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 PUBLIC SUP & ENT CAP IN | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 43 IOU SUPP & ENT CAP IN | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 44 | 44 | 44 | 44 | 44 |
| 44 OTHER SUPP & ENT CAP IN | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 45 TOTAL SUPP & ENT CAP IN | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 84 | 84 | 84 | 84 | 84 |

CANADIAN ENTITLEMENT RETURN FOR CANADA
 BEGINNING APRIL 1 1998

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| BPA CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 1 BPA CER(CAN) OBLIGATION | 653 | 654 | 647 | 648 | 647 | 642 | 648 | 651 | 654 | 645 | 656 | 651 | 656 | 646 |
| PRIEST RAPIDS CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 2 PP&L TO BPA CER(CAN) PRD | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 3 PGE TO BPA CER(CAN) PRD | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 4 PSE TO BPA CER(CAN) PRD | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 |
| 5 SEATTL TO BPA CER(CAN) PRD | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 3 |
| 6 TPU TO BPA CER(CAN) PRD | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| 7 AVWP TO BPA CER(CAN) PRD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 8 GRANT TO BPA CER(CAN) PRD | 11 | 11 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 12 | 11 | 11 | 11 | 12 |
| 9 EUGENE TO BPA CER(CAN) PRD | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| 10 COWLIZ TO BPA CER(CAN) PRD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 F GROV TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 MCMINN TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 M FREE TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 KITITS TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 PRD CER(CAN) OBLIGATION | 30 | 30 | 31 | 31 | 31 | 32 | 31 | 30 | 30 | 32 | 30 | 30 | 30 | 32 |
| WANAPUM CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 16 PP&L TO BPA CER(CAN) WAN | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 5 | 6 |
| 17 PGE TO BPA CER(CAN) WAN | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 5 | 5 | 5 | 6 |
| 18 PSE TO BPA CER(CAN) WAN | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 19 AVWP TO BPA CER(CAN) WAN | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 |
| 20 GRANT TO BPA CER(CAN) WAN | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 21 EUGENE TO BPA CER(CAN) WAN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 COWLIZ TO BPA CER(CAN) WAN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 F GROV TO BPA CER(CAN) WAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 MCMINN TO BPA CER(CAN) WAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 M FREE TO BPA CER(CAN) WAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 WAN CER(CAN) OBLIGATION | 29 | 29 | 30 | 30 | 30 | 31 | 30 | 29 | 29 | 31 | 28 | 29 | 28 | 30 |
| ROCK ISLAND CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 27 CHELAN TO BPA CER(CAN) RIS | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 6 |
| 28 PSE TO BPA CER(CAN) RIS | 15 | 14 | 15 | 15 | 15 | 16 | 15 | 15 | 14 | 15 | 14 | 15 | 14 | 14 |
| 29 RIS CER(CAN) OBLIGATION | 19 | 18 | 19 | 19 | 19 | 20 | 19 | 19 | 18 | 20 | 18 | 19 | 18 | 20 |

CANADIAN ENTITLEMENT RETURN FOR CANADA
 BEGINNING APRIL 1 1998

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| ROCKY REACH CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 30 PP&L TO BPA CER(CAN) RRH | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 31 PGE TO BPA CER(CAN) RRH | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 |
| 32 PSE TO BPA CER(CAN) RRH | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 16 | 15 | 15 | 15 | 16 |
| 33 AVWP TO BPA CER(CAN) RRH | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 34 DOUGLS TO BPA CER(CAN) RRH | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 35 CHELAN TO BPA CER(CAN) RRH | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 36 COLOCK TO BPA CER(CAN) RRH | 9 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 37 RRH CER(CAN) OBLIGATION | 38 | 38 | 40 | 40 | 40 | 41 | 40 | 39 | 38 | 40 | 38 | 39 | 38 | 40 |
| WELLS CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 38 PP&L TO BPA CER(CAN) WEL | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 39 PGE TO BPA CER(CAN) WEL | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 6 |
| 40 PSE TO BPA CER(CAN) WEL | 8 | 8 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 41 AVWP TO BPA CER(CAN) WEL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 42 DOUGLS TO BPA CER(CAN) WEL | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 |
| 43 OKANOG TO BPA CER(CAN) WEL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 44 WEL CER(CAN) OBLIGATION | 25 | 24 | 26 | 26 | 26 | 27 | 25 | 25 | 25 | 26 | 24 | 25 | 24 | 26 |
| 45 TOTAL CER(CAN) OBLIGATION | 794 | 793 | 793 | 794 | 793 | 793 | 793 | 793 | 794 | 794 | 794 | 793 | 794 | 794 |
| TOTAL CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 46 FEDERAL SYSTEM | 653 | 654 | 647 | 648 | 647 | 642 | 648 | 651 | 654 | 645 | 656 | 651 | 656 | 646 |
| 47 PUBLIC AGENCIES | 51 | 51 | 51 | 52 | 51 | 52 | 52 | 51 | 51 | 53 | 50 | 51 | 50 | 54 |
| 48 INVESTOR-OWNED UTILITIES | 81 | 79 | 86 | 85 | 86 | 89 | 84 | 82 | 80 | 87 | 79 | 82 | 79 | 85 |
| 49 OTHER ENTITIES | 9 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 50 TOTAL CER FOR CANADA | 794 | 793 | 793 | 794 | 793 | 793 | 793 | 793 | 794 | 794 | 794 | 793 | 794 | 794 |

CANADIAN ENTITLEMENT RETURN FOR CANADA
 BEGINNING APRIL 1 1998

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| BPA CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 1 BPA CER(CAN) OBLIGATION | 910 | 933 | 921 | 922 | 921 | 922 | 912 | 928 | 932 | 934 | 933 | 915 | 933 | 915 |
| PRIEST RAPIDS CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 2 PP&L TO BPA CER(CAN) PRD | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 8 | 7 | 8 |
| 3 PGE TO BPA CER(CAN) PRD | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 8 | 7 | 8 |
| 4 PSE TO BPA CER(CAN) PRD | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 |
| 5 SEATTL TO BPA CER(CAN) PRD | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 |
| 6 TPU TO BPA CER(CAN) PRD | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 |
| 7 AVWP TO BPA CER(CAN) PRD | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 8 GRANT TO BPA CER(CAN) PRD | 21 | 19 | 20 | 20 | 20 | 20 | 21 | 20 | 19 | 19 | 19 | 20 | 19 | 20 |
| 9 EUGENE TO BPA CER(CAN) PRD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 COWLIZ TO BPA CER(CAN) PRD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 F GROV TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 MCMINN TO BPA CER(CAN) PRD | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 13 M FREE TO BPA CER(CAN) PRD | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 14 KITITS TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 PRD CER(CAN) OBLIGATION | 57 | 52 | 55 | 54 | 55 | 54 | 57 | 53 | 52 | 52 | 52 | 56 | 52 | 56 |
| WANAPUM CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 16 PP&L TO BPA CER(CAN) WAN | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 |
| 17 PGE TO BPA CER(CAN) WAN | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 |
| 18 PSE TO BPA CER(CAN) WAN | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 19 AVWP TO BPA CER(CAN) WAN | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 |
| 20 GRANT TO BPA CER(CAN) WAN | 20 | 18 | 19 | 19 | 19 | 19 | 20 | 19 | 19 | 18 | 18 | 20 | 18 | 20 |
| 21 EUGENE TO BPA CER(CAN) WAN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 COWLIZ TO BPA CER(CAN) WAN | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 |
| 23 F GROV TO BPA CER(CAN) WAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 MCMINN TO BPA CER(CAN) WAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 25 M FREE TO BPA CER(CAN) WAN | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 26 WAN CER(CAN) OBLIGATION | 55 | 50 | 52 | 52 | 52 | 52 | 54 | 51 | 51 | 50 | 50 | 54 | 50 | 54 |
| ROCK ISLAND CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 27 CHELAN TO BPA CER(CAN) RIS | 18 | 16 | 17 | 17 | 17 | 17 | 18 | 17 | 16 | 16 | 16 | 17 | 16 | 17 |
| 28 PSE TO BPA CER(CAN) RIS | 17 | 16 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 17 | 16 | 17 |
| 29 RIS CER(CAN) OBLIGATION | 35 | 32 | 34 | 34 | 34 | 34 | 35 | 33 | 32 | 32 | 32 | 34 | 32 | 34 |

CANADIAN ENTITLEMENT RETURN FOR CANADA
 BEGINNING APRIL 1 1998

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| ROCKY REACH CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 30 PP&L TO BPA CER(CAN) RRH | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 |
| 31 PGE TO BPA CER(CAN) RRH | 9 | 8 | 8 | 8 | 8 | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 32 PSE TO BPA CER(CAN) RRH | 28 | 26 | 27 | 27 | 27 | 27 | 28 | 26 | 26 | 26 | 26 | 28 | 26 | 28 |
| 33 AVWP TO BPA CER(CAN) RRH | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 34 DOUGLS TO BPA CER(CAN) RRH | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 35 CHELAN TO BPA CER(CAN) RRH | 11 | 10 | 11 | 10 | 11 | 10 | 11 | 10 | 10 | 10 | 10 | 11 | 10 | 11 |
| 36 COLOCK TO BPA CER(CAN) RRH | 17 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 16 | 15 | 16 |
| 37 RRH CER(CAN) OBLIGATION | 73 | 66 | 70 | 69 | 70 | 69 | 72 | 68 | 67 | 66 | 66 | 71 | 66 | 71 |
| WELLS CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 38 PP&L TO BPA CER(CAN) WEL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 39 PGE TO BPA CER(CAN) WEL | 10 | 9 | 9 | 10 | 9 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 40 PSE TO BPA CER(CAN) WEL | 15 | 14 | 15 | 14 | 15 | 14 | 15 | 14 | 14 | 14 | 14 | 15 | 14 | 15 |
| 41 AVWP TO BPA CER(CAN) WEL | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 |
| 42 DOUGLS TO BPA CER(CAN) WEL | 13 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 13 | 12 | 13 |
| 43 OKANOG TO BPA CER(CAN) WEL | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 |
| 44 WEL CER(CAN) OBLIGATION | 46 | 43 | 45 | 45 | 45 | 45 | 46 | 43 | 43 | 42 | 43 | 46 | 43 | 46 |
| 45 TOTAL CER(CAN) OBLIGATION | 1176 | 1176 | 1177 | 1176 | 1177 | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1176 |
| TOTAL CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 46 FEDERAL SYSTEM | 910 | 933 | 921 | 922 | 921 | 922 | 912 | 928 | 932 | 934 | 933 | 915 | 933 | 915 |
| 47 PUBLIC AGENCIES | 105 | 94 | 100 | 98 | 100 | 98 | 103 | 95 | 93 | 96 | 94 | 102 | 94 | 102 |
| 48 INVESTOR-OWNED UTILITIES | 144 | 134 | 140 | 140 | 140 | 140 | 145 | 137 | 137 | 131 | 134 | 143 | 134 | 143 |
| 49 OTHER ENTITIES | 17 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 16 | 15 | 16 |
| 50 TOTAL CER FOR CANADA | 1176 | 1176 | 1177 | 1176 | 1177 | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1176 |

CANADIAN ENTITLEMENT RETURN FOR CANADA
 BEGINNING APRIL 1 1998

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| BPA CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 1 BPA CER(CAN) OBLIGATION | 940 | 924 | 931 | 941 | 920 | 932 | 922 | 937 | 941 | 942 | 941 | 924 | 941 | 933 |
| PRIEST RAPIDS CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 2 PP&L TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 PGE TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 PSE TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 SEATTL TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 TPU TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 AVWP TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 GRANT TO BPA CER(CAN) PRD | 51 | 54 | 53 | 50 | 55 | 52 | 54 | 51 | 50 | 50 | 50 | 54 | 50 | 52 |
| 9 EUGENE TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 COWLIZ TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 F GROV TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 MCMINN TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 M FREE TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 KITITS TO BPA CER(CAN) PRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 PRD CER(CAN) OBLIGATION | 51 | 54 | 53 | 50 | 55 | 52 | 54 | 51 | 50 | 50 | 50 | 54 | 50 | 52 |
| WANAPUM CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 16 PP&L TO BPA CER(CAN) WAN | 9 | 10 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 PGE TO BPA CER(CAN) WAN | 9 | 10 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 PSE TO BPA CER(CAN) WAN | 5 | 6 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 AVWP TO BPA CER(CAN) WAN | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 GRANT TO BPA CER(CAN) WAN | 18 | 19 | 19 | 18 | 52 | 50 | 52 | 49 | 49 | 48 | 49 | 52 | 49 | 50 |
| 21 EUGENE TO BPA CER(CAN) WAN | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 COWLIZ TO BPA CER(CAN) WAN | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 F GROV TO BPA CER(CAN) WAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 MCMINN TO BPA CER(CAN) WAN | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 M FREE TO BPA CER(CAN) WAN | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 WAN CER(CAN) OBLIGATION | 49 | 52 | 51 | 49 | 52 | 50 | 52 | 49 | 49 | 48 | 49 | 52 | 49 | 50 |
| ROCK ISLAND CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 27 CHELAN TO BPA CER(CAN) RIS | 16 | 17 | 16 | 16 | 17 | 16 | 17 | 16 | 16 | 16 | 16 | 17 | 16 | 16 |
| 28 PSE TO BPA CER(CAN) RIS | 15 | 16 | 16 | 15 | 17 | 16 | 17 | 16 | 15 | 15 | 15 | 17 | 15 | 16 |
| 29 RIS CER(CAN) OBLIGATION | 31 | 33 | 32 | 31 | 34 | 32 | 34 | 32 | 31 | 31 | 31 | 34 | 31 | 32 |

CANADIAN ENTITLEMENT RETURN FOR CANADA
 BEGINNING APRIL 1 1998

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| ROCKY REACH CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 30 PP&L TO BPA CER(CAN) RRH | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 |
| 31 PGE TO BPA CER(CAN) RRH | 7 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 8 | 7 | 8 |
| 32 PSE TO BPA CER(CAN) RRH | 25 | 27 | 26 | 25 | 27 | 26 | 27 | 25 | 25 | 25 | 25 | 27 | 25 | 26 |
| 33 AVWP TO BPA CER(CAN) RRH | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 34 DOUGLS TO BPA CER(CAN) RRH | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 35 CHELAN TO BPA CER(CAN) RRH | 10 | 10 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 36 COLOCK TO BPA CER(CAN) RRH | 15 | 16 | 15 | 15 | 16 | 15 | 16 | 15 | 15 | 15 | 15 | 16 | 15 | 15 |
| 37 RRH CER(CAN) OBLIGATION | 64 | 69 | 67 | 64 | 70 | 67 | 69 | 65 | 64 | 64 | 64 | 69 | 64 | 66 |
| WELLS CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 38 PP&L TO BPA CER(CAN) WEL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 39 PGE TO BPA CER(CAN) WEL | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 40 PSE TO BPA CER(CAN) WEL | 13 | 14 | 14 | 13 | 15 | 14 | 14 | 13 | 13 | 13 | 13 | 14 | 13 | 14 |
| 41 AVWP TO BPA CER(CAN) WEL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 42 DOUGLS TO BPA CER(CAN) WEL | 11 | 12 | 12 | 11 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 12 | 11 | 12 |
| 43 OKANOG TO BPA CER(CAN) WEL | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 |
| 44 WEL CER(CAN) OBLIGATION | 41 | 44 | 43 | 41 | 45 | 43 | 45 | 42 | 41 | 41 | 41 | 44 | 41 | 43 |
| 45 TOTAL CER(CAN) OBLIGATION | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 |
| TOTAL CER FOR CANADA OBLIGATION | | | | | | | | | | | | | | |
| 46 FEDERAL SYSTEM | 940 | 924 | 931 | 941 | 920 | 932 | 922 | 937 | 941 | 942 | 941 | 924 | 941 | 933 |
| 47 PUBLIC AGENCIES | 115 | 121 | 117 | 114 | 153 | 145 | 151 | 143 | 141 | 140 | 141 | 151 | 141 | 145 |
| 48 INVESTOR-OWNED UTILITIES | 106 | 115 | 114 | 106 | 87 | 84 | 87 | 81 | 79 | 79 | 79 | 86 | 79 | 83 |
| 49 OTHER ENTITIES | 15 | 16 | 15 | 15 | 16 | 15 | 16 | 15 | 15 | 15 | 15 | 16 | 15 | 15 |
| 50 TOTAL CER FOR CANADA | 1176 | 1176 | 1177 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1177 | 1176 | 1176 |

INTRA-REGIONAL TRANSFERS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| INTRA-REGIONAL TRANSFERS | | | | | | | | | | | | | | |
| 1 AVWP TO BPA WP3 S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 AVWP TO CHENEY PS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 AVWP TO CLARK PS2 | 177 | 177 | 106 | 100 | 234 | 250 | 250 | 250 | 250 | 234 | 234 | 157 | 196 | 223 |
| 4 AVWP TO EWEB PS | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 AVWP TO MPC PS1 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 6 AVWP TO OTH ENT PS | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 | 215 |
| 7 AVWP TO PP&L PS | 150 | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 150 |
| 8 AVWP TO PP&L SPX | 50 | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| 9 AVWP TO PEND OREILLE PWR S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 AVWP TO PGE CAP S | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 11 AVWP TO PGE PS | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 12 AVWP TO PSE PS | 100 | 100 | 100 | 100 | 100 | 100 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 |
| 13 AVWP TO SNOH PS | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 14 BPA TO AVWP WP3 S | 0 | 0 | 0 | 0 | 106 | 106 | 106 | 106 | 67 | 67 | 67 | 0 | 0 | 0 |
| 15 BPA TO AVWP DEF PWR XCHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 BPA TO AVWP PS | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| 17 BPA TO AVWP PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 BPA TO AVWP PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 BPA TO AVWP NRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 BPA TO BANDON PS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 BPA TO BANDON PS2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 BPA TO BIG BEND EC SSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 47 | 47 |
| 23 BPA TO BIG BEND EC PS | 0 | 0 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 0 | 0 | 0 | 0 | 0 |
| 24 BPA TO CENTRAL EC SSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 |
| 25 BPA TO CLATSKANIE PS | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 |
| 26 BPA TO CITY ASHLAND PS | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| 27 BPA TO CITY IDFL PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | 30 |
| 28 BPA TO COLUMBIA BASIN SSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 |
| 29 BPA TO COL RIVER PUD PS1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 0 |
| 30 BPA TO COL RIVER PUD PS3 | 6 | 6 | 6 | 8 | 8 | 10 | 10 | 10 | 10 | 8 | 8 | 6 | 6 | 0 |
| 21 BPA TO COLUMBIA REA SSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | 28 |
| 32 BPA TO COWLITZ PS1 | 150 | 150 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 BPA TO COWLITZ PRESUB PS3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 34 BPA TO DOUGLAS PUD PS | 0 | 0 | 0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 35 BPA TO EWEB PS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 BPA TO EWEB PRESUB PS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 37 BPA TO FOREST GROVE PS2 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 |
| 38 BPA TO HARNEY EC SSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21 | 21 |
| 39 BPA TO INLAND P&L SSP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 14 | 14 |

INTRA-REGIONAL TRANSFERS

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| INTRA-REGIONAL TRANSFERS | | | | | | | | | | | | | | |
| 117 PP&L TO BPA PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 PP&L TO CLARK PS | 120 | 120 | 200 | 317 | 356 | 360 | 370 | 370 | 295 | 252 | 252 | 270 | 145 | 120 |
| 119 PP&L TO COLOCKUM XCHG NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 PP&L TO COLOCKUM PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 PP&L TO PSE PS | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| 122 PP&L TO SM NGP PS | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 |
| 123 PP&L TO SUB PS | 50 | 50 | 45 | 45 | 50 | 50 | 45 | 40 | 40 | 40 | 40 | 35 | 35 | 35 |
| 124 PEND O TO PONDARAY MILL PS | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 125 PEND O TO SCL PS | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 126 PGE TO AVWP PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127 PGE TO BPA PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 PGE TO CANBY PS | 16 | 16 | 16 | 19 | 24 | 28 | 27 | 24 | 21 | 19 | 19 | 17 | 16 | 15 |
| 129 PGE TO CHELAN XCHG NRG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130 PGE TO CHELAN PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 PGE TO CLALLAM PS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 132 PGE TO EWEB PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 PGE TO EWEB PK REPL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 PGE TO PP&L COVE REPL | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 135 PGE TO PNGC PS | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 136 PGE TO SNOH PS | 59 | 59 | 59 | 59 | 59 | 59 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| 137 PSE TO BPA WP3 S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 PSE TO GHBR CNTRL XCHG | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 139 PSE TO AVWP PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 SCL TO PEND O PS | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 141 SCL TO IPC SPX | 54 | 54 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
| 142 SCL TO TPU NRG S | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 SNOH TO PSE (CONS) PS1 | 5 | 5 | 5 | 6 | 7 | 10 | 10 | 8 | 7 | 7 | 7 | 6 | 5 | 0 |
| 144 SNOH TO PSE PS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 145 TPU TO SCL NRG S | 50 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 TOTAL INTRA-REG TRANSFERS | 5103 | 5103 | 5029 | 4998 | 5414 | 5590 | 5078 | 5140 | 4794 | 4356 | 4356 | 4106 | 4415 | 4544 |
| TOTAL INTRA-REGIONAL TRANSFERS OUT | | | | | | | | | | | | | | |
| 140 FEDERAL TRANSFERS OUT | 1997 | 1997 | 1968 | 2240 | 2533 | 2681 | 2498 | 2567 | 2441 | 2032 | 2032 | 1849 | 1990 | 1963 |
| 141 PUBLIC TRANSFERS OUT | 376 | 376 | 304 | 323 | 225 | 228 | 228 | 226 | 225 | 225 | 225 | 223 | 272 | 377 |
| 142 IOU TRANSFERS OUT | 2103 | 2103 | 2130 | 2081 | 2317 | 2350 | 2224 | 2216 | 1988 | 1927 | 1927 | 1853 | 1966 | 1940 |
| 143 OTHER ENT TRANSFERS OUT | 627 | 627 | 627 | 354 | 339 | 331 | 128 | 131 | 140 | 172 | 172 | 181 | 187 | 264 |
| 144 TOTAL TRANSFERS OUT | 5103 | 5103 | 5029 | 4998 | 5414 | 5590 | 5078 | 5140 | 4794 | 4356 | 4356 | 4106 | 4415 | 4544 |
| TOTAL INTRA-REGIONAL TRANSFERS IN | | | | | | | | | | | | | | |
| 145 FEDERAL TRANSFERS IN | 475 | 475 | 566 | 341 | 341 | 250 | 0 | 0 | 0 | 25 | 25 | 25 | 25 | 100 |
| 146 PUBLIC TRANSFERS IN | 1211 | 1211 | 1189 | 1270 | 1461 | 1570 | 1567 | 1563 | 1424 | 1319 | 1319 | 1587 | 1496 | 1526 |
| 147 IOU TRANSFERS IN | 2675 | 2675 | 2607 | 2770 | 2995 | 3153 | 2919 | 2870 | 2663 | 2330 | 2330 | 2102 | 2502 | 2628 |
| 148 OTHER ENT TRANSFERS IN | 742 | 742 | 667 | 617 | 617 | 617 | 592 | 707 | 707 | 682 | 682 | 392 | 392 | 290 |
| 149 TOTAL TRANSFERS IN | 5103 | 5103 | 5029 | 4998 | 5414 | 5590 | 5078 | 5140 | 4794 | 4356 | 4356 | 4106 | 4415 | 4544 |

INTRA-REGIONAL TRANSFERS

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | APR | MAY | JUN | JUL |
|------------------------------------|------|-------|------|------|------|------|------|------|------|------|-------|------|------|------|
| | 1-15 | 16-31 | | | | | | | | 1-15 | 16-30 | | | |
| 136 PGE TO SNOH PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 PSE TO BPA WP3 S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 PSE TO GHBR CNTRL XCHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 PSE TO AVWP PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 SCL TO PEND O PS | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 141 SCL TO IPC SPX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 SCL TO TPU NRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 SNOH TO PSE (CONS) PS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 SNOH TO PSE PS2 | 11 | 11 | 11 | 13 | 16 | 22 | 21 | 18 | 16 | 14 | 14 | 12 | 11 | 11 |
| 145 TPU TO SCL NRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 TOTAL INTRA-REG TRANSFERS | 2833 | 2833 | 2812 | 2902 | 3220 | 3349 | 3384 | 3348 | 3056 | 2750 | 2750 | 2461 | 2673 | 3037 |
| TOTAL INTRA-REGIONAL TRANSFERS OUT | | | | | | | | | | | | | | |
| 140 FEDERAL TRANSFERS OUT | 1817 | 1817 | 1710 | 1847 | 2207 | 2370 | 2411 | 2383 | 2143 | 2040 | 2040 | 1909 | 2022 | 2036 |
| 141 PUBLIC TRANSFERS OUT | 223 | 223 | 223 | 225 | 178 | 184 | 183 | 180 | 178 | 176 | 176 | 174 | 223 | 223 |
| 142 IOU TRANSFERS OUT | 450 | 450 | 536 | 486 | 491 | 450 | 445 | 440 | 390 | 390 | 390 | 385 | 435 | 435 |
| 143 OTHER ENT TRANSFERS OUT | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 150 | 150 | 0 | 0 | 350 |
| 144 TOTAL TRANSFERS OUT | 2840 | 2840 | 2819 | 2908 | 3226 | 3354 | 3389 | 3353 | 3061 | 2756 | 2756 | 2468 | 2680 | 3044 |
| TOTAL INTRA-REGIONAL TRANSFERS IN | | | | | | | | | | | | | | |
| 145 FEDERAL TRANSFERS IN | 350 | 350 | 441 | 441 | 441 | 350 | 350 | 350 | 350 | 150 | 150 | 0 | 0 | 350 |
| 146 PUBLIC TRANSFERS IN | 1322 | 1322 | 1181 | 1252 | 1349 | 1461 | 1522 | 1533 | 1396 | 1324 | 1324 | 1412 | 1373 | 1366 |
| 147 IOU TRANSFERS IN | 988 | 988 | 1017 | 1035 | 1256 | 1363 | 1337 | 1290 | 1135 | 1102 | 1102 | 876 | 1127 | 1148 |
| 148 OTHER ENT TRANSFERS IN | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| 149 TOTAL TRANSFERS IN | 2840 | 2840 | 2819 | 2908 | 3226 | 3354 | 3389 | 3353 | 3061 | 2756 | 2756 | 2468 | 2680 | 3044 |

INTRA-REGIONAL TRANSFERS

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | APR | MAY | JUN | JUL |
|------------------------------------|------|-------|------|------|------|------|------|------|------|------|-------|------|------|------|
| | 1-15 | 16-31 | | | | | | | | 1-15 | 16-30 | | | |
| 136 PGE TO SNOH PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 PSE TO BPA WP3 S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 PSE TO GHBR CNTRL XCHG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 PSE TO AVWP PS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 SCL TO PEND O PS | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| 141 SCL TO IPC SPX | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 SCL TO TPU NRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 SNOH TO PSE (CONS) PS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 SNOH TO PSE PS2 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 0 | 0 | 0 | 0 | 0 | 11 |
| 145 TPU TO SCL NRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 TOTAL INTRA-REG TRANSFERS | 1346 | 1346 | 1443 | 1505 | 1750 | 1746 | 1721 | 1689 | 1532 | 1479 | 1479 | 1233 | 1431 | 1458 |
| TOTAL INTRA-REGIONAL TRANSFERS OUT | | | | | | | | | | | | | | |
| 140 FEDERAL TRANSFERS OUT | 813 | 813 | 824 | 885 | 1176 | 1262 | 1243 | 1216 | 1079 | 1027 | 1027 | 785 | 934 | 953 |
| 141 PUBLIC TRANSFERS OUT | 233 | 233 | 233 | 233 | 183 | 184 | 183 | 183 | 163 | 162 | 162 | 163 | 212 | 223 |
| 142 IOU TRANSFERS OUT | 300 | 300 | 386 | 387 | 391 | 300 | 295 | 290 | 290 | 290 | 290 | 285 | 285 | 282 |
| 143 OTHER ENT TRANSFERS OUT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 TOTAL TRANSFERS OUT | 1346 | 1346 | 1443 | 1505 | 1750 | 1746 | 1721 | 1689 | 1532 | 1479 | 1479 | 1233 | 1431 | 1458 |
| TOTAL INTRA-REGIONAL TRANSFERS IN | | | | | | | | | | | | | | |
| 145 FEDERAL TRANSFERS IN | 0 | 0 | 91 | 92 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 PUBLIC TRANSFERS IN | 323 | 323 | 300 | 295 | 323 | 358 | 359 | 371 | 337 | 316 | 316 | 293 | 290 | 288 |
| 147 IOU TRANSFERS IN | 948 | 948 | 977 | 1043 | 1261 | 1313 | 1287 | 1243 | 1120 | 1088 | 1088 | 865 | 1066 | 1095 |
| 148 OTHER ENT TRANSFERS IN | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| 149 TOTAL TRANSFERS IN | 1346 | 1346 | 1443 | 1505 | 1750 | 1746 | 1721 | 1689 | 1532 | 1479 | 1479 | 1233 | 1431 | 1458 |

TABLE A-17

CAPACITY RESERVES

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| REGIONAL CAPACITY RESERVES | | | | | | | | | | | | | | |
| 1 HYDRO SM THML C-T & MISC. | 1614 | 1611 | 1577 | 1588 | 1626 | 1689 | 1680 | 1682 | 1630 | 1646 | 1645 | 1545 | 1683 | 1619 |
| 2 LARGE THERMAL | 1030 | 1030 | 969 | 994 | 973 | 1002 | 1004 | 1009 | 1018 | 948 | 774 | 722 | 963 | 1027 |
| 3 TOTAL REG CAPACITY RESERVES | 2644 | 2641 | 2546 | 2582 | 2599 | 2691 | 2684 | 2691 | 2648 | 2594 | 2419 | 2267 | 2646 | 2646 |
| HYDRO; SMALL THERMAL; COMBUSTION TURBINES; & MISCELLANEOUS RESERVES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 4 FEDERAL | 851 | 851 | 852 | 853 | 867 | 940 | 941 | 939 | 917 | 912 | 911 | 918 | 931 | 855 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 5 CHELAN COUNTY PUD #1 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 17 | 21 |
| 6 CLARK COUNTY PUD #1 | 12 | 12 | 12 | 12 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 0 | 12 | 12 |
| 7 COWLITZ COUNTY PUD #1 | 6 | 6 | 5 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 6 | 6 |
| 8 DOUGLAS COUNTY PUD #1 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 14 | 14 | 14 | 13 | 14 | 13 | 13 |
| 9 EUGENE WATER & ELEC BOARD | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 7 | 8 | 8 | 10 | 10 | 7 |
| 10 GRANT COUNTY PUD #2 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 |
| 11 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 OKANOGAN COUNTY PUD #1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 13 PEND OREILLE COUNTY PUD #1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 14 SEATTLE CITY LIGHT | 92 | 91 | 81 | 83 | 86 | 85 | 84 | 84 | 84 | 87 | 87 | 92 | 99 | 93 |
| 15 SNOHOMISH COUNTY PUD #1 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 16 SPRINGFIELD COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 TACOMA PUBLIC UTILITIES | 44 | 41 | 34 | 34 | 37 | 36 | 31 | 36 | 25 | 35 | 34 | 19 | 39 | 36 |
| 18 SMALL & NON GEN PUBLICS | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19 PUBLIC AGENCIES | 245 | 242 | 224 | 226 | 232 | 227 | 222 | 228 | 218 | 233 | 231 | 209 | 249 | 241 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 20 AVISTA CORP-WWP DIVISION | 76 | 76 | 76 | 76 | 77 | 75 | 75 | 75 | 74 | 74 | 74 | 71 | 75 | 76 |
| 21 IDAHO POWER COMPANY | 90 | 91 | 88 | 86 | 78 | 78 | 83 | 75 | 83 | 89 | 90 | 93 | 86 | 95 |
| 22 MONTANA POWER CO. REGIONAL | 14 | 14 | 12 | 12 | 10 | 9 | 10 | 9 | 9 | 8 | 8 | 12 | 13 | 14 |
| 23 PACIFICORP | 89 | 90 | 83 | 89 | 88 | 87 | 84 | 84 | 84 | 85 | 85 | 49 | 91 | 92 |
| 24 PORTLAND GENERAL ELECTRIC | 100 | 100 | 100 | 100 | 100 | 100 | 101 | 100 | 100 | 100 | 100 | 75 | 100 | 100 |
| 25 PUGET SOUND ENERGY | 133 | 132 | 127 | 131 | 158 | 157 | 149 | 157 | 130 | 130 | 131 | 104 | 123 | 130 |
| 26 INVESTOR-OWNED UTILITIES | 502 | 503 | 486 | 494 | 511 | 506 | 502 | 500 | 480 | 486 | 488 | 404 | 488 | 507 |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 27 COLOCKUM TRANSMISSION CO. | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| TOTAL HYDRO; SMALL THERMAL; COMBUSTION TURBINES; & MISCELLANEOUS RESERVES | | | | | | | | | | | | | | |
| 28 TOTAL HYDRO & MISC. RES. | 1614 | 1611 | 1577 | 1588 | 1626 | 1689 | 1680 | 1682 | 1630 | 1646 | 1645 | 1545 | 1683 | 1619 |

CAPACITY RESERVES

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

LARGE THERMAL RESERVES (INCLUDING PP&L WYOMING IMPORT)

-- FEDERAL SYSTEM --

| | | | | | | | | | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|-----|
| 29 FEDERAL | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 0 | 0 | 174 | 174 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|-----|

-- PUBLIC AGENCIES --

| | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|----|----|----|----|----|----|----|----|---|----|----|
| 30 CHELAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 CLARK PUBLIC UTILITIES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 DOUGLAS COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 EUGENE WATER & ELEC BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 GRANT COUNTY PUD #2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 GRAYS HARBOR COUNTY PUD #1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4 | 8 | 8 |
| 37 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 SEATTLE CITY LIGHT | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 16 | 16 |
| 40 SNOHOMISH COUNTY PUD #1 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 16 | 16 |
| 41 SPRINGFIELD UTILITY BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 TACOMA PUBLIC UTILITIES | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 16 | 16 |
| 43 SMALL & NON GEN PUBLICS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 44 PUBLIC AGENCIES | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 28 | 56 | 56 |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

-- INVESTOR-OWNED UTILITIES --

| | | | | | | | | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 45 AVISTA CORP-WWP DIVISION | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 48 | 47 | 63 |
| 46 IDAHO POWER COMPANY | 150 | 150 | 151 | 150 | 150 | 151 | 150 | 151 | 151 | 124 | 124 | 124 | 151 | 151 |
| 47 MONTANA POWER CO. REGIONAL | 61 | 61 | 56 | 58 | 54 | 52 | 53 | 51 | 51 | 50 | 50 | 51 | 52 | 62 |
| 48 PACIFICORP | 286 | 286 | 229 | 253 | 236 | 266 | 268 | 274 | 283 | 241 | 241 | 264 | 294 | 282 |
| 49 PORTLAND GENERAL ELECTRIC | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 100 | 80 | 103 |
| 50 PUGET SOUND ENERGY | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 86 | 88 | 116 |

| | | | | | | | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 51 INVESTOR-OWNED UTILITIES | 779 | 779 | 718 | 743 | 722 | 751 | 753 | 758 | 767 | 697 | 697 | 673 | 712 | 777 |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

-- OTHER ENTITIES --

| | | | | | | | | | | | | | | |
|--------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 52 SDGE (BOARDMAN) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 53 TURLOCK IRR DIST (BOARDMAN) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| | | | | | | | | | | | | | | |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 54 OTHER ENTITIES | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

LARGE THERMAL RESERVES

| | | | | | | | | | | | | | | |
|-------------------------------|------|------|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|------|
| 55 TOT LARGE THERMAL RESERVES | 1030 | 1030 | 969 | 994 | 973 | 1002 | 1004 | 1009 | 1018 | 948 | 774 | 722 | 963 | 1027 |
|-------------------------------|------|------|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|------|

CAPACITY RESERVES

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| REGIONAL CAPACITY RESERVES | | | | | | | | | | | | | | |
| 1 HYDRO SM THML C-T & MISC. | 1609 | 1607 | 1575 | 1585 | 1622 | 1688 | 1679 | 1680 | 1627 | 1643 | 1643 | 1544 | 1680 | 1614 |
| 2 LARGE THERMAL | 1008 | 1008 | 937 | 940 | 919 | 987 | 990 | 995 | 968 | 813 | 612 | 833 | 1032 | 1004 |
| 3 TOTAL REG CAPACITY RESERVES | 2617 | 2615 | 2512 | 2525 | 2541 | 2675 | 2669 | 2675 | 2595 | 2456 | 2255 | 2377 | 2712 | 2618 |
| HYDRO; SMALL THERMAL; COMBUSTION TURBINES; & MISCELLANEOUS RESERVES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 4 FEDERAL | 853 | 853 | 854 | 854 | 868 | 941 | 942 | 940 | 918 | 913 | 912 | 920 | 932 | 856 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 5 CHELAN COUNTY PUD #1 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 25 | 27 |
| 6 CLARK COUNTY PUD #1 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 0 | 12 | 12 |
| 7 COWLITZ COUNTY PUD #1 | 6 | 6 | 5 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 6 | 6 |
| 8 DOUGLAS COUNTY PUD #1 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 13 | 13 |
| 9 EUGENE WATER & ELEC BOARD | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 7 | 8 | 8 | 10 | 10 | 7 |
| 10 GRANT COUNTY PUD #2 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 |
| 11 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 OKANOGAN COUNTY PUD #1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 13 PEND OREILLE COUNTY PUD #1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 14 SEATTLE CITY LIGHT | 92 | 91 | 81 | 83 | 86 | 85 | 84 | 84 | 84 | 87 | 87 | 92 | 99 | 93 |
| 15 SNOHOMISH COUNTY PUD #1 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 16 SPRINGFIELD COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 TACOMA PUBLIC UTILITIES | 44 | 41 | 34 | 34 | 37 | 36 | 31 | 36 | 24 | 35 | 34 | 19 | 39 | 36 |
| 18 SMALL & NON GEN PUBLICS | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 19 PUBLIC AGENCIES | 254 | 250 | 232 | 234 | 240 | 236 | 230 | 236 | 226 | 241 | 240 | 217 | 257 | 247 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 20 AVISTA CORP-WWP DIVISION | 73 | 73 | 73 | 73 | 73 | 72 | 72 | 72 | 71 | 71 | 71 | 69 | 73 | 73 |
| 21 IDAHO POWER COMPANY | 90 | 91 | 88 | 86 | 78 | 77 | 83 | 75 | 83 | 89 | 90 | 93 | 86 | 95 |
| 22 MONTANA POWER CO. REGIONAL | 12 | 11 | 12 | 11 | 10 | 11 | 11 | 10 | 9 | 8 | 8 | 12 | 11 | 12 |
| 23 PACIFICORP | 88 | 89 | 82 | 88 | 87 | 86 | 83 | 83 | 83 | 84 | 84 | 48 | 90 | 91 |
| 24 PORTLAND GENERAL ELECTRIC | 100 | 100 | 100 | 100 | 100 | 100 | 101 | 100 | 100 | 100 | 100 | 75 | 100 | 100 |
| 25 PUGET SOUND ENERGY | 125 | 124 | 119 | 124 | 151 | 149 | 141 | 149 | 122 | 123 | 123 | 96 | 115 | 124 |
| 26 INVESTOR-OWNED UTILITIES | 488 | 488 | 474 | 482 | 499 | 495 | 491 | 489 | 468 | 475 | 476 | 393 | 475 | 495 |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 27 COLOCKUM TRANSMISSION CO. | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| TOTAL HYDRO; SMALL THERMAL; COMBUSTION TURBINES; & MISCELLANEOUS RESERVES | | | | | | | | | | | | | | |
| 28 TOTAL HYDRO & MISC. RES. | 1609 | 1607 | 1575 | 1585 | 1622 | 1688 | 1679 | 1680 | 1627 | 1643 | 1643 | 1544 | 1680 | 1614 |

CAPACITY RESERVES

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

LARGE THERMAL RESERVES (INCLUDING PP&L WYOMING IMPORT)

-- FEDERAL SYSTEM --

| | | | | | | | | | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|-----|
| 29 FEDERAL | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 0 | 0 | 174 | 174 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|-----|

-- PUBLIC AGENCIES --

| | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|----|----|----|----|----|----|---|---|----|----|----|
| 30 CHELAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 CLARK PUBLIC UTILITIES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 DOUGLAS COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 EUGENE WATER & ELEC BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 GRANT COUNTY PUD #2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 GRAYS HARBOR COUNTY PUD #1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4 | 4 | 8 | 8 | 8 |
| 37 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 SEATTLE CITY LIGHT | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 16 | 16 | 16 |
| 40 SNOHOMISH COUNTY PUD #1 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 16 | 16 | 16 |
| 41 SPRINGFIELD UTILITY BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 TACOMA PUBLIC UTILITIES | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 16 | 16 | 16 |
| 43 SMALL & NON GEN PUBLICS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 44 PUBLIC AGENCIES | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 28 | 28 | 56 | 56 | 56 |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

-- INVESTOR-OWNED UTILITIES --

| | | | | | | | | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 45 AVISTA CORP-WWP DIVISION | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 48 | 48 | 63 | 63 | 64 |
| 46 IDAHO POWER COMPANY | 150 | 150 | 151 | 151 | 151 | 150 | 151 | 151 | 150 | 106 | 80 | 150 | 151 | 150 |
| 47 MONTANA POWER CO. REGIONAL | 56 | 56 | 56 | 57 | 53 | 55 | 55 | 54 | 52 | 50 | 50 | 51 | 59 | 57 |
| 48 PACIFICORP | 269 | 269 | 198 | 199 | 182 | 249 | 251 | 257 | 233 | 177 | 177 | 296 | 289 | 264 |
| 49 PORTLAND GENERAL ELECTRIC | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 100 | 100 | 103 | 103 | 103 |
| 50 PUGET SOUND ENERGY | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 109 | 109 | 93 | 116 | 116 |

| | | | | | | | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 51 INVESTOR-OWNED UTILITIES | 757 | 757 | 687 | 689 | 668 | 736 | 739 | 744 | 717 | 590 | 564 | 756 | 781 | 754 |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

-- OTHER ENTITIES --

| | | | | | | | | | | | | | | |
|--------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 52 SDGE (BOARDMAN) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 53 TURLOCK IRR DIST (BOARDMAN) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| | | | | | | | | | | | | | | |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 54 OTHER ENTITIES | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

LARGE THERMAL RESERVES

| | | | | | | | | | | | | | | |
|-------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 55 TOT LARGE THERMAL RESERVES | 1008 | 1008 | 937 | 940 | 919 | 987 | 990 | 995 | 968 | 813 | 612 | 833 | 1032 | 1004 |
|-------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|

CAPACITY RESERVES

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| REGIONAL CAPACITY RESERVES | | | | | | | | | | | | | | |
| 1 HYDRO SM THML C-T & MISC. | 1609 | 1607 | 1575 | 1585 | 1622 | 1687 | 1679 | 1680 | 1626 | 1643 | 1642 | 1546 | 1682 | 1614 |
| 2 LARGE THERMAL | 990 | 989 | 935 | 961 | 990 | 968 | 970 | 975 | 982 | 794 | 821 | 934 | 928 | 985 |
| 3 TOTAL REG CAPACITY RESERVES | 2599 | 2596 | 2510 | 2546 | 2612 | 2655 | 2649 | 2655 | 2608 | 2437 | 2463 | 2480 | 2610 | 2599 |
| HYDRO; SMALL THERMAL; COMBUSTION TURBINES; & MISCELLANEOUS RESERVES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 4 FEDERAL | 853 | 853 | 854 | 854 | 868 | 941 | 942 | 940 | 918 | 913 | 912 | 920 | 932 | 856 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 5 CHELAN COUNTY PUD #1 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 25 | 27 |
| 6 CLARK COUNTY PUD #1 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 12 | 0 | 12 | 12 |
| 7 COWLITZ COUNTY PUD #1 | 6 | 6 | 4 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 4 | 4 |
| 8 DOUGLAS COUNTY PUD #1 | 14 | 13 | 13 | 13 | 14 | 13 | 13 | 14 | 13 | 14 | 13 | 14 | 14 | 14 |
| 9 EUGENE WATER & ELEC BOARD | 5 | 5 | 5 | 6 | 4 | 3 | 4 | 4 | 5 | 6 | 6 | 8 | 8 | 5 |
| 10 GRANT COUNTY PUD #2 | 62 | 62 | 62 | 62 | 90 | 90 | 90 | 90 | 91 | 91 | 91 | 91 | 91 | 91 |
| 11 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 OKANOGAN COUNTY PUD #1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 13 PEND OREILLE COUNTY PUD #1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 14 SEATTLE CITY LIGHT | 88 | 88 | 78 | 79 | 83 | 81 | 81 | 80 | 81 | 83 | 84 | 88 | 95 | 90 |
| 15 SNOHOMISH COUNTY PUD #1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 16 SPRINGFIELD COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 TACOMA PUBLIC UTILITIES | 40 | 37 | 31 | 30 | 33 | 32 | 27 | 33 | 21 | 32 | 30 | 16 | 36 | 32 |
| 18 SMALL & NON GEN PUBLICS | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 19 PUBLIC AGENCIES | 272 | 268 | 250 | 252 | 284 | 279 | 274 | 280 | 270 | 285 | 283 | 261 | 302 | 292 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 20 AVISTA CORP-WWP DIVISION | 70 | 70 | 70 | 70 | 67 | 65 | 65 | 65 | 64 | 64 | 64 | 62 | 66 | 66 |
| 21 IDAHO POWER COMPANY | 91 | 91 | 88 | 86 | 78 | 78 | 83 | 75 | 83 | 89 | 90 | 93 | 86 | 95 |
| 22 MONTANA POWER CO. REGIONAL | 12 | 12 | 12 | 12 | 10 | 11 | 12 | 10 | 9 | 8 | 8 | 14 | 14 | 13 |
| 23 PACIFICORP | 82 | 83 | 76 | 81 | 72 | 71 | 69 | 68 | 68 | 69 | 70 | 33 | 75 | 76 |
| 24 PORTLAND GENERAL ELECTRIC | 93 | 93 | 93 | 94 | 86 | 86 | 86 | 86 | 85 | 86 | 85 | 61 | 85 | 85 |
| 25 PUGET SOUND ENERGY | 121 | 121 | 116 | 120 | 142 | 140 | 132 | 141 | 114 | 114 | 114 | 87 | 107 | 116 |
| 26 INVESTOR-OWNED UTILITIES | 469 | 470 | 455 | 463 | 455 | 451 | 447 | 445 | 423 | 430 | 431 | 350 | 433 | 451 |
| -- OTHER ENTITIES -- | | | | | | | | | | | | | | |
| 27 COLOCKUM TRANSMISSION CO. | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| TOTAL HYDRO; SMALL THERMAL; COMBUSTION TURBINES; & MISCELLANEOUS RESERVES | | | | | | | | | | | | | | |
| 28 TOTAL HYDRO & MISC. RES. | 1609 | 1607 | 1575 | 1585 | 1622 | 1687 | 1679 | 1680 | 1626 | 1643 | 1642 | 1546 | 1682 | 1614 |

CAPACITY RESERVES

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|

LARGE THERMAL RESERVES (INCLUDING PP&L WYOMING IMPORT)

-- FEDERAL SYSTEM --

| | | | | | | | | | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 29 FEDERAL | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

-- PUBLIC AGENCIES --

| | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|----|----|----|----|----|----|---|---|----|----|----|
| 30 CHELAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 CLARK PUBLIC UTILITIES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 DOUGLAS COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 EUGENE WATER & ELEC BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 GRANT COUNTY PUD #2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 GRAYS HARBOR COUNTY PUD #1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4 | 4 | 8 | 8 | 8 |
| 37 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 SEATTLE CITY LIGHT | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 16 | 16 | 16 |
| 40 SNOHOMISH COUNTY PUD #1 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 16 | 16 | 16 |
| 41 SPRINGFIELD UTILITY BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 TACOMA PUBLIC UTILITIES | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 8 | 8 | 16 | 16 | 16 |
| 43 SMALL & NON GEN PUBLICS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 44 PUBLIC AGENCIES | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 28 | 28 | 56 | 56 | 56 |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

-- INVESTOR-OWNED UTILITIES --

| | | | | | | | | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 45 AVISTA CORP-WWP DIVISION | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 63 | 48 | 48 | 63 | 47 | 63 |
| 46 IDAHO POWER COMPANY | 150 | 150 | 151 | 151 | 151 | 150 | 151 | 150 | 151 | 106 | 132 | 124 | 151 | 151 |
| 47 MONTANA POWER CO. REGIONAL | 57 | 57 | 57 | 58 | 54 | 56 | 56 | 55 | 52 | 51 | 51 | 46 | 52 | 58 |
| 48 PACIFICORP | 250 | 250 | 195 | 219 | 252 | 229 | 231 | 237 | 246 | 158 | 158 | 278 | 259 | 243 |
| 49 PORTLAND GENERAL ELECTRIC | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 100 | 100 | 103 | 81 | 103 |
| 50 PUGET SOUND ENERGY | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 109 | 109 | 69 | 88 | 116 |

| | | | | | | | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 51 INVESTOR-OWNED UTILITIES | 739 | 739 | 685 | 710 | 739 | 717 | 720 | 724 | 731 | 572 | 598 | 683 | 678 | 734 |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

-- OTHER ENTITIES --

| | | | | | | | | | | | | | | |
|--------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 52 SDGE (BOARDMAN) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 53 TURLOCK IRR DIST (BOARDMAN) | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| | | | | | | | | | | | | | | |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 54 OTHER ENTITIES | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

LARGE THERMAL RESERVES

| | | | | | | | | | | | | | | |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 55 TOT LARGE THERMAL RESERVES | 990 | 989 | 935 | 961 | 990 | 968 | 970 | 975 | 982 | 794 | 821 | 934 | 928 | 985 |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| 1 ROCKY REACH | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 |
| 2 ROCKY REACH AFTER ENC. | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 3 PP&L SHARE | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| 4 PGE SHARE | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 155 | 155 | 155 | 156 | 156 | 156 |
| 5 PSE SHARE | 505 | 505 | 504 | 505 | 505 | 505 | 505 | 505 | 504 | 504 | 504 | 506 | 505 | 505 |
| 6 AVWP SHARE | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 38 | 37 | 37 | 38 | 37 | 38 | 38 |
| 7 DOUGLS SHARE | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 8 CHELAN SHARE | 196 | 196 | 196 | 196 | 196 | 197 | 196 | 196 | 196 | 196 | 196 | 197 | 196 | 196 |
| 9 COLOCK SHARE | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 10 RKY REACH AFTER ENC. CHLN | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 11 ROCK ISLAND | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 |
| 12 RISL PH#1 & PH#2 AFTER ENC. | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |
| 13 RISL PH#1 AFTER ENC. | 173 | 175 | 176 | 176 | 176 | 172 | 176 | 175 | 177 | 177 | 176 | 169 | 173 | 174 |
| 14 CHELAN PH#1 SHARE | 87 | 87 | 88 | 88 | 88 | 86 | 88 | 88 | 88 | 88 | 88 | 84 | 86 | 87 |
| 15 PSE PH#1 SHARE | 87 | 87 | 88 | 88 | 88 | 86 | 88 | 88 | 88 | 88 | 88 | 84 | 86 | 87 |
| 16 RISL PH#2 AFTER ENC. | 394 | 393 | 394 | 393 | 393 | 395 | 393 | 393 | 395 | 395 | 395 | 397 | 395 | 394 |
| 17 CHELAN PH#2 SHARE | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 40 | 79 |
| 18 PSE PH#2 SHARE | 355 | 354 | 354 | 354 | 354 | 355 | 354 | 354 | 355 | 355 | 355 | 358 | 356 | 315 |
| 19 CHELAN TOTAL SHARE | 126 | 127 | 128 | 127 | 127 | 126 | 127 | 127 | 128 | 128 | 128 | 124 | 126 | 166 |
| 20 PSE TOTAL SHARE | 441 | 441 | 442 | 442 | 442 | 441 | 442 | 441 | 443 | 443 | 443 | 442 | 442 | 402 |
| 21 ROCK ISLAND CHLN | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| 1 ROCKY REACH | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 |
| 2 ROCKY REACH AFTER ENC. | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 3 PP&L SHARE | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| 4 PGE SHARE | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 155 | 155 | 155 | 156 | 156 | 156 |
| 5 PSE SHARE | 505 | 505 | 504 | 505 | 505 | 505 | 505 | 505 | 504 | 504 | 504 | 506 | 505 | 505 |
| 6 AVWP SHARE | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 38 | 37 | 37 | 38 | 37 | 38 | 38 |
| 7 DOUGLS SHARE | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 8 CHELAN SHARE | 196 | 196 | 196 | 196 | 196 | 197 | 196 | 196 | 196 | 196 | 196 | 197 | 196 | 196 |
| 9 COLOCK SHARE | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 10 RKY REACH AFTER ENC. CHLN | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 11 ROCK ISLAND | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 |
| 12 RISL PH#1 & PH#2 AFTER ENC. | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |
| 13 RISL PH#1 AFTER ENC. | 173 | 175 | 176 | 176 | 176 | 172 | 176 | 175 | 177 | 177 | 176 | 169 | 173 | 174 |
| 14 CHELAN PH#1 SHARE | 87 | 87 | 88 | 88 | 88 | 86 | 88 | 88 | 88 | 88 | 88 | 84 | 86 | 87 |
| 15 PSE PH#1 SHARE | 87 | 87 | 88 | 88 | 88 | 86 | 88 | 88 | 88 | 88 | 88 | 84 | 86 | 87 |
| 16 RISL PH#2 AFTER ENC. | 394 | 393 | 394 | 393 | 393 | 395 | 393 | 393 | 395 | 395 | 395 | 397 | 395 | 394 |
| 17 CHELAN PH#2 SHARE | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 199 | 198 | 197 |
| 18 PSE PH#2 SHARE | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 199 | 198 | 197 |
| 19 CHELAN TOTAL SHARE | 284 | 284 | 285 | 285 | 285 | 284 | 285 | 284 | 286 | 286 | 286 | 283 | 284 | 284 |
| 20 PSE TOTAL SHARE | 283 | 284 | 285 | 284 | 284 | 283 | 284 | 284 | 285 | 285 | 285 | 283 | 284 | 284 |
| 21 ROCK ISLAND CHLN | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| 1 ROCKY REACH | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 | 1267 |
| 2 ROCKY REACH AFTER ENC. | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 3 PP&L SHARE | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| 4 PGE SHARE | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 155 | 155 | 155 | 156 | 156 | 156 |
| 5 PSE SHARE | 505 | 505 | 504 | 505 | 505 | 505 | 505 | 505 | 504 | 504 | 504 | 506 | 505 | 505 |
| 6 AVWP SHARE | 38 | 38 | 38 | 38 | 38 | 38 | 37 | 38 | 37 | 37 | 38 | 37 | 38 | 38 |
| 7 DOUGLS SHARE | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| 8 CHELAN SHARE | 196 | 196 | 196 | 196 | 196 | 197 | 196 | 196 | 196 | 196 | 196 | 197 | 196 | 196 |
| 9 COLOCK SHARE | 299 | 299 | 298 | 298 | 298 | 299 | 298 | 298 | 298 | 298 | 298 | 299 | 299 | 299 |
| 10 RKY REACH AFTER ENC. CHLN | 1299 | 1299 | 1297 | 1298 | 1298 | 1300 | 1297 | 1298 | 1295 | 1295 | 1296 | 1300 | 1299 | 1299 |
| 11 ROCK ISLAND | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 513 |
| 12 RISL PH#1 & PH#2 AFTER ENC. | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |
| 13 RISL PH#1 AFTER ENC. | 173 | 175 | 176 | 176 | 176 | 172 | 176 | 175 | 177 | 177 | 176 | 169 | 173 | 174 |
| 14 CHELAN PH#1 SHARE | 87 | 87 | 88 | 88 | 88 | 86 | 88 | 88 | 88 | 88 | 88 | 84 | 86 | 87 |
| 15 PSE PH#1 SHARE | 87 | 87 | 88 | 88 | 88 | 86 | 88 | 88 | 88 | 88 | 88 | 84 | 86 | 87 |
| 16 RISL PH#2 AFTER ENC. | 394 | 393 | 394 | 393 | 393 | 395 | 393 | 393 | 395 | 395 | 395 | 397 | 395 | 394 |
| 17 CHELAN PH#2 SHARE | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 199 | 198 | 197 |
| 18 PSE PH#2 SHARE | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 199 | 198 | 197 |
| 19 CHELAN TOTAL SHARE | 284 | 284 | 285 | 285 | 285 | 284 | 285 | 284 | 286 | 286 | 286 | 283 | 284 | 284 |
| 20 PSE TOTAL SHARE | 283 | 284 | 285 | 284 | 284 | 283 | 284 | 284 | 285 | 285 | 285 | 283 | 284 | 284 |
| 21 ROCK ISLAND CHLN | 567 | 568 | 570 | 569 | 569 | 567 | 569 | 568 | 571 | 571 | 571 | 566 | 568 | 568 |

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-----------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| 1 SWIFT 1 | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 2 COWLIZ SHARE | 69 | 68 | 44 | 68 | 58 | 42 | 36 | 36 | 36 | 36 | 36 | 0 | 65 | 69 |
| 3 PP&L SHARE (SYSTEM) | 196 | 195 | 126 | 195 | 165 | 119 | 104 | 104 | 104 | 104 | 104 | 0 | 184 | 196 |
| 4 SWIFT 1 PP&L | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 5 SWIFT 2 | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |
| 6 COWLIZ SHARE | 15 | 16 | 12 | 16 | 17 | 17 | 20 | 20 | 20 | 20 | 20 | 0 | 17 | 16 |
| 7 PP&L SHARE (SYSTEM) | 44 | 46 | 36 | 44 | 48 | 48 | 56 | 56 | 56 | 56 | 56 | 0 | 47 | 44 |
| 8 SWIFT 2 COW | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-----------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| 1 SWIFT 1 | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 2 COWLIZ SHARE | 69 | 68 | 44 | 68 | 58 | 42 | 36 | 36 | 36 | 36 | 36 | 0 | 65 | 69 |
| 3 PP&L SHARE (SYSTEM) | 196 | 195 | 126 | 195 | 165 | 119 | 104 | 104 | 104 | 104 | 104 | 0 | 184 | 196 |
| 4 SWIFT 1 PP&L | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 5 SWIFT 2 | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |
| 6 COWLIZ SHARE | 15 | 16 | 12 | 16 | 17 | 17 | 20 | 20 | 20 | 20 | 20 | 0 | 17 | 16 |
| 7 PP&L SHARE (SYSTEM) | 44 | 46 | 36 | 44 | 48 | 48 | 56 | 56 | 56 | 56 | 56 | 0 | 47 | 44 |
| 8 SWIFT 2 COW | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|-----------------------|-------------|--------------|-----|-----|-----|-----|-----|-----|-----|-------------|--------------|-----|-----|-----|
| 1 SWIFT 1 | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 2 COWLIZ SHARE | 69 | 68 | 44 | 68 | 58 | 42 | 36 | 36 | 36 | 36 | 36 | 0 | 65 | 69 |
| 3 PP&L SHARE (SYSTEM) | 196 | 195 | 126 | 195 | 165 | 119 | 104 | 104 | 104 | 104 | 104 | 0 | 184 | 196 |
| 4 SWIFT 1 PP&L | 265 | 263 | 170 | 263 | 223 | 161 | 140 | 140 | 140 | 140 | 140 | 0 | 249 | 265 |
| 5 SWIFT 2 | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |
| 6 COWLIZ SHARE | 15 | 16 | 12 | 16 | 17 | 17 | 20 | 20 | 20 | 20 | 20 | 0 | 17 | 16 |
| 7 PP&L SHARE (SYSTEM) | 44 | 46 | 36 | 44 | 48 | 48 | 56 | 56 | 56 | 56 | 56 | 0 | 47 | 44 |
| 8 SWIFT 2 COW | 59 | 62 | 48 | 60 | 65 | 65 | 76 | 76 | 76 | 76 | 76 | 0 | 64 | 60 |

TABLE A-22

NON-UTILITY GENERATING RESOURCES

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| NON-UTILITY GENERATING RESOURCES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 1 FEDERAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 2 CHELAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 CLARK PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 DOUGLAS COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 EUGENE WATER & ELEC BRD | 0 | 0 | 0 | 5 | 5 | 4 | 0 | 1 | 1 | 9 | 9 | 37 | 37 | 11 |
| 7 GRANT COUNTY PUD #2 | 14 | 14 | 11 | 8 | 0 | 0 | 0 | 0 | 8 | 13 | 13 | 16 | 15 | 15 |
| 8 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 OKANOGAN COUNTY PUD PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 SEATTLE CITY LIGHT | 120 | 120 | 75 | 27 | 4 | 5 | 10 | 12 | 27 | 88 | 88 | 134 | 141 | 138 |
| 12 SNOHOMISH COUNTY PUD #1 | 39 | 39 | 39 | 28 | 28 | 27 | 28 | 27 | 28 | 39 | 39 | 39 | 39 | 38 |
| 13 SPRINGFIELD UTIL BOARD DED | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 TACOMA PUBLIC UTILITIES | 55 | 55 | 35 | 17 | 2 | 2 | 2 | 2 | 6 | 36 | 36 | 50 | 57 | 61 |
| 15 SMALL & NON GEN PUBLICS | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 16 PUBLIC AGENCIES | 239 | 239 | 171 | 96 | 50 | 49 | 51 | 53 | 81 | 196 | 196 | 287 | 300 | 274 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 17 AVISTA CORP-WWP DIVISION | 244 | 244 | 245 | 245 | 247 | 250 | 251 | 251 | 253 | 252 | 252 | 227 | 227 | 246 |
| 18 IDAHO POWER COMPANY DED | 136 | 136 | 117 | 86 | 72 | 53 | 53 | 58 | 70 | 101 | 101 | 129 | 146 | 144 |
| 19 MONTANA POWER CO. REGIONAL | 35 | 35 | 30 | 32 | 27 | 24 | 25 | 23 | 24 | 22 | 22 | 33 | 42 | 37 |
| 20 PACIFICORP | 51 | 51 | 50 | 48 | 51 | 52 | 35 | 55 | 50 | 55 | 55 | 64 | 54 | 53 |
| 21 PORTLAND GENERAL ELECTRIC | 16 | 16 | 16 | 19 | 28 | 31 | 29 | 29 | 28 | 29 | 29 | 27 | 21 | 16 |
| 22 PUGET SOUND ENERGY | 710 | 710 | 710 | 710 | 709 | 710 | 710 | 710 | 710 | 710 | 710 | 165 | 550 | 710 |
| 23 INVESTOR-OWNED UTILITIES | 1192 | 1192 | 1168 | 1140 | 1134 | 1120 | 1103 | 1126 | 1135 | 1169 | 1169 | 645 | 1040 | 1206 |
| TOTAL REGIONAL NON-UTILITY GENERATION | | | | | | | | | | | | | | |
| 24 TOTAL NON-UTILITY GEN | 1432 | 1432 | 1340 | 1237 | 1185 | 1170 | 1155 | 1180 | 1217 | 1366 | 1366 | 933 | 1341 | 1481 |
| NOTE: THE FOLLOWING UTILITY N-U-G'S ARE SHOWN FOR INFORMATIONAL PURPOSES AND NOT USED IN THE STUDY. | | | | | | | | | | | | | | |
| 1. MPC: OUT-OF-REGION N-U-G'S | 66 | 66 | 72 | 72 | 76 | 78 | 77 | 79 | 80 | 83 | 83 | 72 | 63 | 66 |
| 2. UPC: N-U-G'S | 8 | 8 | 8 | 7 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 11 | 14 | 11 |

TABLE A-22

NON-UTILITY GENERATING RESOURCES

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| NON-UTILITY GENERATING RESOURCES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 1 FEDERAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 2 CHELAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 CLARK PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 DOUGLAS COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 EUGENE WATER & ELEC BRD | 0 | 0 | 0 | 5 | 5 | 4 | 0 | 1 | 1 | 9 | 9 | 37 | 37 | 11 |
| 7 GRANT COUNTY PUD #2 | 14 | 14 | 11 | 8 | 0 | 0 | 0 | 0 | 8 | 13 | 13 | 16 | 15 | 15 |
| 8 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 OKANOGAN COUNTY PUD PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 SEATTLE CITY LIGHT | 120 | 120 | 75 | 27 | 4 | 5 | 10 | 12 | 27 | 88 | 88 | 134 | 141 | 138 |
| 12 SNOHOMISH COUNTY PUD #1 | 39 | 39 | 39 | 28 | 28 | 27 | 28 | 27 | 28 | 39 | 39 | 39 | 39 | 38 |
| 13 SPRINGFIELD UTIL BOARD DED | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 TACOMA PUBLIC UTILITIES | 55 | 55 | 35 | 17 | 2 | 2 | 2 | 2 | 6 | 36 | 36 | 50 | 57 | 61 |
| 15 SMALL & NON GEN PUBLICS | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 16 PUBLIC AGENCIES | 239 | 239 | 171 | 96 | 50 | 49 | 51 | 53 | 81 | 196 | 196 | 287 | 300 | 274 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 17 AVISTA CORP-WWP DIVISION | 182 | 182 | 182 | 182 | 182 | 182 | 181 | 182 | 194 | 193 | 193 | 192 | 192 | 181 |
| 18 IDAHO POWER COMPANY DED | 136 | 136 | 117 | 86 | 72 | 53 | 53 | 58 | 70 | 101 | 101 | 129 | 146 | 144 |
| 19 MONTANA POWER CO. REGIONAL | 29 | 29 | 30 | 31 | 26 | 28 | 29 | 27 | 24 | 22 | 22 | 33 | 34 | 31 |
| 20 PACIFICORP | 51 | 51 | 49 | 48 | 51 | 52 | 34 | 55 | 50 | 55 | 55 | 64 | 54 | 53 |
| 21 PORTLAND GENERAL ELECTRIC | 16 | 16 | 16 | 19 | 28 | 31 | 29 | 28 | 28 | 29 | 29 | 27 | 21 | 16 |
| 22 PUGET SOUND ENERGY | 710 | 710 | 710 | 710 | 709 | 710 | 710 | 710 | 709 | 710 | 710 | 165 | 550 | 710 |
| 23 INVESTOR-OWNED UTILITIES | 1124 | 1124 | 1104 | 1076 | 1068 | 1056 | 1036 | 1060 | 1075 | 1110 | 1110 | 610 | 997 | 1135 |
| TOTAL REGIONAL NON-UTILITY GENERATION | | | | | | | | | | | | | | |
| 24 TOTAL NON-UTILITY GEN | 1364 | 1364 | 1276 | 1173 | 1119 | 1106 | 1088 | 1114 | 1157 | 1307 | 1307 | 898 | 1298 | 1410 |
| NOTE: THE FOLLOWING UTILITY N-U-G'S ARE SHOWN FOR INFORMATIONAL PURPOSES AND NOT USED IN THE STUDY. | | | | | | | | | | | | | | |
| 1. MPC: OUT-OF-REGION N-U-G'S | 72 | 72 | 72 | 73 | 77 | 74 | 73 | 75 | 80 | 83 | 83 | 72 | 71 | 72 |
| 2. UPC: N-U-G'S | 8 | 8 | 8 | 7 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 11 | 14 | 11 |

TABLE A-22

NON-UTILITY GENERATING RESOURCES

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

| PEAK IN MEGAWATTS | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|-----|------|------|
| NON-UTILITY GENERATING RESOURCES | | | | | | | | | | | | | | |
| -- FEDERAL SYSTEM -- | | | | | | | | | | | | | | |
| 1 FEDERAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 2 CHELAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 CLARK PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 DOUGLAS COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 EUGENE WATER & ELEC BRD | 0 | 0 | 0 | 5 | 5 | 4 | 0 | 1 | 1 | 9 | 9 | 37 | 37 | 11 |
| 7 GRANT COUNTY PUD #2 | 14 | 14 | 11 | 8 | 0 | 0 | 0 | 0 | 8 | 13 | 13 | 16 | 15 | 15 |
| 8 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 SEATTLE CITY LIGHT | 120 | 120 | 75 | 28 | 4 | 5 | 10 | 12 | 27 | 88 | 88 | 134 | 141 | 138 |
| 12 SNOHOMISH COUNTY PUD #1 | 39 | 39 | 39 | 28 | 28 | 28 | 28 | 27 | 28 | 39 | 39 | 39 | 39 | 38 |
| 13 SPRINGFIELD UTIL BOARD DED | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 TACOMA PUBLIC UTILITIES | 55 | 55 | 35 | 17 | 2 | 2 | 2 | 2 | 6 | 36 | 36 | 50 | 57 | 61 |
| 15 SMALL & NON GEN PUBLICS | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 16 PUBLIC AGENCIES | 231 | 231 | 163 | 89 | 42 | 42 | 43 | 45 | 73 | 188 | 188 | 279 | 292 | 266 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 17 AVISTA CORP-WWP DIVISION | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 181 | 182 | 182 | 182 | 180 | 181 |
| 18 IDAHO POWER COMPANY DED | 136 | 136 | 117 | 86 | 72 | 53 | 53 | 58 | 70 | 101 | 101 | 129 | 146 | 144 |
| 19 MONTANA POWER CO. REGIONAL | 30 | 30 | 30 | 32 | 27 | 29 | 30 | 28 | 25 | 23 | 23 | 39 | 44 | 32 |
| 20 PACIFICORP | 51 | 51 | 50 | 48 | 51 | 52 | 34 | 55 | 50 | 55 | 55 | 64 | 54 | 53 |
| 21 PORTLAND GENERAL ELECTRIC | 16 | 16 | 16 | 19 | 28 | 31 | 29 | 28 | 28 | 29 | 29 | 27 | 21 | 16 |
| 22 PUGET SOUND ENERGY | 710 | 710 | 710 | 710 | 709 | 710 | 710 | 710 | 710 | 709 | 709 | 165 | 550 | 710 |
| 23 INVESTOR-OWNED UTILITIES | 1125 | 1125 | 1105 | 1077 | 1069 | 1057 | 1038 | 1061 | 1064 | 1099 | 1099 | 606 | 995 | 1136 |
| TOTAL REGIONAL NON-UTILITY GENERATION | | | | | | | | | | | | | | |
| 24 TOTAL NON-UTILITY GEN | 1357 | 1357 | 1269 | 1167 | 1112 | 1100 | 1082 | 1107 | 1138 | 1288 | 1288 | 886 | 1288 | 1403 |

NOTE: THE FOLLOWING UTILITY N-U-G'S ARE SHOWN FOR INFORMATIONAL PURPOSES AND NOT USED IN THE STUDY.

| | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1. MPC: OUT-OF-REGION N-U-G'S | 71 | 71 | 72 | 72 | 76 | 73 | 72 | 74 | 79 | 82 | 82 | 66 | 61 | 71 |
| 2. UPC: N-U-G'S | 8 | 8 | 8 | 7 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 11 | 14 | 11 |

TABLE A-23

DEDICATED RESOURCES

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| DEDICATED RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 CHELAN COUNTY PUD #1 | 369 | 370 | 369 | 369 | 368 | 367 | 367 | 366 | 365 | 364 | 365 | 364 | 328 | 407 |
| 2 CLARK COUNTY PUD #1 | 243 | 243 | 244 | 251 | 255 | 257 | 255 | 254 | 253 | 250 | 250 | 6 | 250 | 245 |
| 3 COWLITZ COUNTY PUD #1 | 287 | 287 | 259 | 137 | 128 | 112 | 109 | 109 | 109 | 109 | 109 | 53 | 135 | 138 |
| 4 DOUGLAS COUNTY PUD #1 | 263 | 263 | 263 | 313 | 313 | 313 | 313 | 313 | 313 | 313 | 314 | 313 | 314 | 313 |
| 5 EUGENE WATER & ELEC BOARD | 196 | 194 | 191 | 193 | 189 | 196 | 184 | 196 | 215 | 233 | 233 | 265 | 261 | 247 |
| 6 GRANT COUNTY PUD #2 | 567 | 567 | 567 | 567 | 567 | 566 | 567 | 567 | 567 | 566 | 567 | 567 | 567 | 566 |
| 7 GRAY'S HARBOR COUNTY PUD 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 8 OKANOGAN COUNTY PUD #1 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 70 | 70 | 70 |
| 9 PEND OREILLE COUNTY PUD #1 | 32 | 33 | 32 | 29 | 32 | 31 | 33 | 33 | 32 | 31 | 30 | 28 | 28 | 30 |
| 10 SEATTLE CITY LIGHT | 2085 | 2075 | 1872 | 1904 | 1929 | 1922 | 1940 | 1965 | 1999 | 1982 | 1992 | 2033 | 2223 | 2107 |
| 11 SNOHOMISH COUNTY PUD #1 | 216 | 216 | 216 | 215 | 215 | 215 | 215 | 215 | 215 | 226 | 226 | 172 | 219 | 219 |
| 12 SPRINGFIELD UTILITY BOARD | 72 | 72 | 67 | 67 | 72 | 72 | 67 | 62 | 62 | 62 | 62 | 57 | 57 | 57 |
| 13 TACOMA PUBLIC UTILITIES | 940 | 882 | 774 | 783 | 855 | 836 | 736 | 848 | 604 | 789 | 756 | 407 | 849 | 775 |
| 14 SMALL & NON GEN PUBLIC | 331 | 331 | 359 | 379 | 407 | 450 | 450 | 448 | 434 | 397 | 397 | 774 | 744 | 751 |
| 15 TOTAL PUBLIC AGENCIES | 5670 | 5602 | 5282 | 5276 | 5399 | 5406 | 5305 | 5445 | 5238 | 5391 | 5370 | 5112 | 6048 | 5928 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 16 IDAHO POWER COMPANY | 2420 | 2438 | 2370 | 2352 | 2188 | 2158 | 2275 | 2131 | 2288 | 2225 | 2251 | 2291 | 2320 | 2502 |
| 17 MONTANA POWER CO. REGIONAL | 330 | 330 | 344 | 345 | 394 | 423 | 431 | 402 | 362 | 336 | 336 | 309 | 385 | 346 |
| 18 PACIFICORP | 4110 | 4119 | 3605 | 3885 | 3754 | 3929 | 3896 | 3930 | 3989 | 3733 | 3742 | 3637 | 4209 | 4147 |
| 19 PORTLAND GENERAL ELECTRIC | 1608 | 1608 | 1605 | 1605 | 1605 | 1605 | 1608 | 1607 | 1607 | 1603 | 1606 | 1513 | 1607 | 1605 |
| 20 PUGET SOUND ENERGY | 3097 | 3089 | 2989 | 3074 | 3185 | 3154 | 2996 | 3165 | 3048 | 3054 | 3054 | 2315 | 2894 | 3050 |
| 21 AVISTA CORP-WWP DIVISION | 1428 | 1423 | 1423 | 1438 | 1443 | 1413 | 1414 | 1415 | 1383 | 1384 | 1384 | 1299 | 1429 | 1438 |
| 22 TOTAL INVESTOR-OWNED UTILS | 12993 | 13007 | 12336 | 12699 | 12569 | 12682 | 12620 | 12650 | 12677 | 12335 | 12373 | 11364 | 12844 | 13088 |
| TOTAL DEDICATED RESOURCES | | | | | | | | | | | | | | |
| 23 TOTAL DEDICATED RESOURCES | 18663 | 18609 | 17618 | 17975 | 17968 | 18088 | 17925 | 18095 | 17915 | 17726 | 17743 | 16476 | 18892 | 19016 |

TABLE A-23

DEDICATED RESOURCES

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| DEDICATED RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 CHELAN COUNTY PUD #1 | 502 | 505 | 503 | 503 | 501 | 502 | 499 | 500 | 501 | 501 | 501 | 499 | 464 | 503 |
| 2 CLARK COUNTY PUD #1 | 241 | 241 | 242 | 249 | 253 | 255 | 253 | 252 | 251 | 248 | 248 | 0 | 244 | 239 |
| 3 COWLITZ COUNTY PUD #1 | 130 | 131 | 102 | 130 | 121 | 105 | 102 | 103 | 103 | 103 | 103 | 46 | 129 | 131 |
| 4 DOUGLAS COUNTY PUD #1 | 304 | 305 | 305 | 305 | 305 | 305 | 304 | 305 | 305 | 305 | 305 | 304 | 305 | 304 |
| 5 EUGENE WATER & ELEC BOARD | 111 | 109 | 106 | 108 | 103 | 110 | 97 | 111 | 130 | 147 | 148 | 180 | 176 | 137 |
| 6 GRANT COUNTY PUD #2 | 539 | 543 | 541 | 541 | 541 | 541 | 539 | 541 | 542 | 543 | 543 | 540 | 543 | 540 |
| 7 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 OKANOGAN COUNTY PUD #1 | 63 | 64 | 63 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 64 | 63 | 64 | 63 |
| 9 PEND OREILLE COUNTY PUD #1 | 32 | 33 | 32 | 29 | 32 | 31 | 33 | 33 | 32 | 31 | 30 | 28 | 28 | 30 |
| 10 SEATTLE CITY LIGHT | 2057 | 2048 | 1845 | 1878 | 1902 | 1896 | 1913 | 1938 | 1972 | 1905 | 1914 | 2059 | 2197 | 2081 |
| 11 SNOHOMISH COUNTY PUD #1 | 213 | 213 | 213 | 212 | 212 | 212 | 212 | 212 | 212 | 169 | 169 | 223 | 216 | 216 |
| 12 SPRINGFIELD UTILITY BOARD | 81 | 81 | 76 | 76 | 81 | 81 | 76 | 71 | 71 | 71 | 71 | 66 | 66 | 66 |
| 13 TACOMA PUBLIC UTILITIES | 919 | 862 | 752 | 762 | 833 | 815 | 715 | 828 | 584 | 716 | 683 | 439 | 829 | 753 |
| 14 SMALL & NON GEN PUBLIC | 1044 | 1043 | 926 | 996 | 1088 | 1198 | 1266 | 1280 | 1152 | 1076 | 1078 | 1171 | 1110 | 1103 |
| 15 TOTAL PUBLIC AGENCIES | 6235 | 6177 | 5705 | 5852 | 6035 | 6113 | 6073 | 6237 | 5919 | 5879 | 5857 | 5617 | 6370 | 6165 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 16 IDAHO POWER COMPANY | 2516 | 2534 | 2470 | 2433 | 2271 | 2256 | 2375 | 2211 | 2361 | 2304 | 2154 | 2568 | 2423 | 2605 |
| 17 MONTANA POWER CO. REGIONAL | 335 | 335 | 340 | 339 | 388 | 413 | 420 | 393 | 360 | 336 | 336 | 308 | 383 | 353 |
| 18 PACIFICORP | 3593 | 3603 | 2994 | 3122 | 2988 | 3408 | 3378 | 3411 | 3253 | 2906 | 2913 | 3449 | 3775 | 3625 |
| 19 PORTLAND GENERAL ELECTRIC | 1549 | 1552 | 1551 | 1550 | 1551 | 1550 | 1551 | 1551 | 1550 | 1536 | 1535 | 1474 | 1552 | 1551 |
| 20 PUGET SOUND ENERGY | 2869 | 2866 | 2766 | 2850 | 2961 | 2933 | 2769 | 2943 | 2824 | 2786 | 2783 | 2133 | 2693 | 2863 |
| 21 AVISTA CORP-WWP DIVISION | 1421 | 1416 | 1416 | 1421 | 1426 | 1397 | 1396 | 1398 | 1366 | 1269 | 1267 | 1383 | 1413 | 1421 |
| 22 TOTAL INVESTOR-OWNED UTILS | 12283 | 12306 | 11537 | 11715 | 11585 | 11957 | 11889 | 11907 | 11714 | 11137 | 10988 | 11315 | 12239 | 12418 |
| TOTAL DEDICATED RESOURCES | | | | | | | | | | | | | | |
| 23 TOTAL DEDICATED RESOURCES | 18518 | 18483 | 17242 | 17567 | 17620 | 18070 | 17962 | 18144 | 17633 | 17016 | 16845 | 16932 | 18609 | 18583 |

TABLE A-23

DEDICATED RESOURCES

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------------|--------------|-------|-------|-------|
| DEDICATED RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 CHELAN COUNTY PUD #1 | 505 | 504 | 505 | 504 | 501 | 503 | 501 | 501 | 501 | 501 | 501 | 500 | 464 | 505 |
| 2 CLARK COUNTY PUD #1 | 235 | 235 | 236 | 243 | 247 | 249 | 247 | 246 | 245 | 242 | 242 | 0 | 246 | 241 |
| 3 COWLITZ COUNTY PUD #1 | 108 | 107 | 80 | 108 | 75 | 59 | 56 | 56 | 56 | 56 | 56 | 0 | 82 | 85 |
| 4 DOUGLAS COUNTY PUD #1 | 256 | 255 | 255 | 256 | 255 | 255 | 255 | 255 | 256 | 256 | 256 | 255 | 256 | 255 |
| 5 EUGENE WATER & ELEC BOARD | 74 | 72 | 69 | 71 | 50 | 57 | 44 | 58 | 78 | 94 | 95 | 127 | 123 | 84 |
| 6 GRANT COUNTY PUD #2 | 511 | 507 | 508 | 512 | 473 | 478 | 474 | 480 | 481 | 482 | 481 | 474 | 481 | 478 |
| 7 GRAY'S HARBOR COUNTY PUD 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 OKANOGAN COUNTY PUD #1 | 64 | 63 | 64 | 64 | 63 | 64 | 63 | 64 | 64 | 64 | 64 | 63 | 64 | 64 |
| 9 PEND OREILLE COUNTY PUD #1 | 56 | 57 | 56 | 53 | 56 | 55 | 57 | 57 | 56 | 55 | 54 | 52 | 52 | 54 |
| 10 SEATTLE CITY LIGHT | 1966 | 1956 | 1754 | 1787 | 1811 | 1804 | 1822 | 1846 | 1880 | 1813 | 1822 | 1968 | 2105 | 1990 |
| 11 SNOHOMISH COUNTY PUD #1 | 249 | 249 | 249 | 238 | 238 | 238 | 238 | 238 | 238 | 195 | 195 | 249 | 249 | 249 |
| 12 SPRINGFIELD UTILITY BOARD | 50 | 50 | 45 | 45 | 50 | 50 | 45 | 40 | 40 | 40 | 40 | 35 | 35 | 35 |
| 13 TACOMA PUBLIC UTILITIES | 852 | 794 | 685 | 695 | 766 | 748 | 648 | 760 | 516 | 648 | 615 | 372 | 761 | 686 |
| 14 SMALL & NON GEN PUBLIC | 258 | 260 | 259 | 267 | 274 | 309 | 316 | 332 | 306 | 285 | 285 | 266 | 242 | 240 |
| 15 TOTAL PUBLIC AGENCIES | 5184 | 5110 | 4765 | 4844 | 4860 | 4869 | 4766 | 4933 | 4716 | 4731 | 4706 | 4360 | 5160 | 4965 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 16 IDAHO POWER COMPANY | 2515 | 2533 | 2470 | 2433 | 2271 | 2256 | 2375 | 2210 | 2362 | 2304 | 2507 | 2391 | 2423 | 2606 |
| 17 MONTANA POWER CO. REGIONAL | 346 | 346 | 350 | 348 | 396 | 424 | 434 | 406 | 371 | 347 | 347 | 309 | 396 | 365 |
| 18 PACIFICORP | 3351 | 3357 | 2859 | 3140 | 3182 | 2999 | 2967 | 3000 | 3065 | 2498 | 2506 | 3050 | 3298 | 3208 |
| 19 PORTLAND GENERAL ELECTRIC | 1436 | 1434 | 1434 | 1436 | 1274 | 1274 | 1275 | 1274 | 1274 | 1258 | 1258 | 1197 | 1275 | 1277 |
| 20 PUGET SOUND ENERGY | 2810 | 2797 | 2701 | 2788 | 2801 | 2775 | 2612 | 2785 | 2667 | 2629 | 2626 | 1823 | 2513 | 2708 |
| 21 AVISTA CORP-WWP DIVISION | 1369 | 1364 | 1364 | 1369 | 1303 | 1274 | 1274 | 1275 | 1243 | 1145 | 1144 | 1261 | 1290 | 1299 |
| 22 TOTAL INVESTOR-OWNED UTILS | 11827 | 11831 | 11178 | 11514 | 11227 | 11002 | 10937 | 10950 | 10982 | 10181 | 10388 | 10031 | 11195 | 11463 |
| TOTAL DEDICATED RESOURCES | | | | | | | | | | | | | | |
| 23 TOTAL DEDICATED RESOURCES | 17011 | 16941 | 15943 | 16358 | 16087 | 15871 | 15703 | 15883 | 15698 | 14912 | 15094 | 14391 | 16355 | 16428 |

TABLE A-24

OTHER DEDICATED RESOURCES

1999 WHITE BOOK: 12/31/99

2000- 1 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| OTHER DEDICATED RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 CHELAN COUNTY PUD #1 | -43 | -42 | -42 | -43 | 7 | 8 | 7 | 8 | 8 | 8 | 8 | 7 | -42 | -42 |
| 2 CLARK COUNTY PUD #1 | 297 | 297 | 306 | 417 | 590 | 610 | 620 | 620 | 545 | 486 | 486 | 427 | 341 | 343 |
| 3 COWLITZ COUNTY PUD #1 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 4 DOUGLAS COUNTY PUD #1 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 |
| 5 EUGENE WATER & ELEC BOARD | 24 | 26 | 30 | 30 | 30 | 2 | 27 | 21 | 24 | 26 | 25 | 27 | 26 | 10 |
| 6 GRANT COUNTY PUD #2 | 79 | 79 | 76 | 73 | 65 | 65 | 65 | 65 | 73 | 78 | 78 | 81 | 80 | 80 |
| 7 GRAY'S HARBOR COUNTY PUD 1 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 27 | 54 | 54 |
| 8 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 SEATTLE CITY LIGHT | -63 | -63 | -91 | -78 | 76 | 97 | 97 | 97 | 47 | 13 | 13 | 1 | -59 | -159 |
| 11 SNOHOMISH COUNTY PUD #1 | 159 | 159 | 159 | 159 | 159 | 209 | 212 | 212 | 212 | 212 | 212 | 162 | 162 | 151 |
| 12 SPRINGFIELD UTILITY BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 TACOMA PUBLIC UTILITIES | -40 | -40 | -23 | 29 | -22 | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 10 |
| 14 SMALL & NON GEN PUBLIC | 123 | 123 | 137 | 139 | 136 | 143 | 128 | 139 | 126 | 112 | 112 | 103 | 105 | 108 |
| 15 TOTAL PUBLIC AGENCIES | 634 | 636 | 650 | 823 | 1139 | 1242 | 1265 | 1270 | 1143 | 1042 | 1042 | 889 | 720 | 597 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 16 IDAHO POWER COMPANY | 174 | 174 | 77 | 45 | -5 | -55 | -5 | -5 | 95 | 95 | 95 | 95 | 95 | 372 |
| 17 MONTANA POWER CO. REGIONAL | 274 | 274 | 264 | 267 | 259 | 256 | 257 | 253 | 254 | 251 | 251 | 275 | 229 | 283 |
| 18 PACIFICORP | -98 | -98 | -177 | -68 | -62 | 5 | 26 | 8 | 112 | -296 | -296 | -882 | 55 | 55 |
| 19 PORTLAND GENERAL ELECTRIC | 1440 | 1440 | 1440 | 1498 | 1487 | 1490 | 1310 | 1309 | 1279 | 1280 | 1280 | 855 | 1144 | 1212 |
| 20 PUGET SOUND ENERGY | 431 | 431 | 431 | 1032 | 1865 | 1868 | 1835 | 1833 | 1068 | 768 | 768 | 699 | 236 | 403 |
| 21 AVISTA CORP-WWP DIVISION | -316 | -316 | -244 | -38 | -64 | -27 | 7 | 7 | -80 | -64 | -64 | -127 | -430 | -327 |
| 22 TOTAL INVESTOR-OWNED UTILIT | 1905 | 1905 | 1791 | 2736 | 3480 | 3537 | 3430 | 3405 | 2728 | 2034 | 2034 | 915 | 1329 | 1998 |
| TOTAL OTHER DEDICATED RESOURCES | | | | | | | | | | | | | | |
| 23 TOTAL OTHER DEDICATED RES. | 2539 | 2541 | 2441 | 3559 | 4619 | 4779 | 4695 | 4675 | 3871 | 3076 | 3076 | 1804 | 2049 | 2595 |

TABLE A-24

OTHER DEDICATED RESOURCES

1999 WHITE BOOK: 12/31/99

2004- 5 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| OTHER DEDICATED RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 CHELAN COUNTY PUD #1 | -42 | -42 | -42 | -42 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 7 | -43 | -42 |
| 2 CLARK COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 DOUGLAS COUNTY PUD #1 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 | -11 |
| 5 EUGENE WATER & ELEC BOARD | 24 | 26 | 30 | 30 | 30 | 2 | 27 | 21 | 24 | 26 | 25 | 27 | 26 | 10 |
| 6 GRANT COUNTY PUD #2 | 79 | 79 | 76 | 73 | 65 | 65 | 65 | 65 | 73 | 78 | 78 | 81 | 80 | 80 |
| 7 GRAY'S HARBOR COUNTY PUD 1 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 27 | 27 | 54 | 54 | 54 |
| 8 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 SEATTLE CITY LIGHT | -59 | -59 | -59 | -28 | 26 | 47 | 47 | 47 | 47 | 13 | 13 | 1 | -59 | -59 |
| 11 SNOHOMISH COUNTY PUD #1 | 89 | 89 | 89 | 87 | 84 | 78 | 79 | 82 | 84 | 86 | 86 | 88 | 89 | 89 |
| 12 SPRINGFIELD UTILITY BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 TACOMA PUBLIC UTILITIES | -41 | -41 | -74 | -73 | -73 | -40 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 14 SMALL & NON GEN PUBLIC | 52 | 52 | 52 | 50 | 51 | 53 | 52 | 53 | 52 | 52 | 52 | 53 | 52 | 54 |
| 15 TOTAL PUBLIC AGENCIES | 145 | 147 | 115 | 140 | 234 | 256 | 322 | 319 | 332 | 280 | 279 | 301 | 190 | 175 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 16 IDAHO POWER COMPANY | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 176 | 176 | 297 | 297 | 297 |
| 17 MONTANA POWER CO. REGIONAL | 171 | 171 | 172 | 174 | 166 | 170 | 170 | 168 | 161 | 158 | 158 | 175 | 128 | 174 |
| 18 PACIFICORP | 46 | 46 | 49 | 52 | 96 | 166 | 283 | 266 | 295 | 267 | 267 | -302 | 360 | 334 |
| 19 PORTLAND GENERAL ELECTRIC | 1261 | 1261 | 1261 | 1294 | 1283 | 1286 | 1284 | 1283 | 1253 | 1254 | 1254 | 829 | 1266 | 1261 |
| 20 PUGET SOUND ENERGY | 136 | 136 | 136 | 438 | 1272 | 1278 | 1277 | 1274 | 508 | 506 | 506 | 437 | 136 | 136 |
| 21 AVISTA CORP-WWP DIVISION | 151 | 151 | 151 | 201 | 307 | 357 | 356 | 357 | 280 | 280 | 280 | 164 | 161 | 150 |
| 22 TOTAL INVESTOR-OWNED UTILIT | 2062 | 2062 | 2066 | 2456 | 3421 | 3554 | 3667 | 3645 | 2794 | 2641 | 2641 | 1600 | 2348 | 2352 |
| TOTAL OTHER DEDICATED RESOURCES | | | | | | | | | | | | | | |
| 23 TOTAL OTHER DEDICATED RES. | 2207 | 2209 | 2181 | 2596 | 3655 | 3810 | 3989 | 3964 | 3126 | 2921 | 2920 | 1901 | 2538 | 2527 |

TABLE A-24

OTHER DEDICATED RESOURCES

1999 WHITE BOOK: 12/31/99

2009-10 OPERATING YEAR

RUN DATE: 12/31/99

1937 WATER YEAR

PEAK IN MEGAWATTS

| | AUG 1-15 | AUG 16-31 | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR 1-15 | APR 16-30 | MAY | JUN | JUL |
|---------------------------------|-------------|--------------|------|------|------|------|------|------|------|-------------|--------------|------|------|------|
| OTHER DEDICATED RESOURCES | | | | | | | | | | | | | | |
| -- PUBLIC AGENCIES -- | | | | | | | | | | | | | | |
| 1 CHELAN COUNTY PUD #1 | -42 | -42 | -42 | -42 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 7 | -43 | -42 |
| 2 CLARK COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 COWLITZ COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 DOUGLAS COUNTY PUD #1 | -11 | -11 | -11 | -11 | -11 | -12 | -11 | -11 | -12 | -11 | -11 | -12 | -11 | -11 |
| 5 EUGENE WATER & ELEC BOARD | 22 | 24 | 28 | 28 | 24 | -4 | 21 | 15 | 18 | 20 | 19 | 21 | 20 | 4 |
| 6 GRANT COUNTY PUD #2 | 649 | 649 | 646 | 643 | 1213 | 1213 | 1213 | 1213 | 1221 | 1226 | 1226 | 1229 | 1228 | 1228 |
| 7 GRAY'S HARBOR COUNTY PUD 1 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 27 | 27 | 54 | 54 | 54 |
| 8 OKANOGAN COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 PEND OREILLE COUNTY PUD #1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 SEATTLE CITY LIGHT | -59 | -59 | -59 | -28 | 26 | 47 | 47 | 47 | 47 | 13 | 13 | 1 | -59 | -59 |
| 11 SNOHOMISH COUNTY PUD #1 | -21 | -21 | -21 | -21 | -21 | -21 | -21 | -21 | 0 | 0 | 0 | 0 | 0 | -11 |
| 12 SPRINGFIELD UTILITY BOARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 TACOMA PUBLIC UTILITIES | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 14 SMALL & NON GEN PUBLIC | 26 | 26 | 26 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 15 TOTAL PUBLIC AGENCIES | 617 | 619 | 620 | 632 | 1302 | 1294 | 1320 | 1313 | 1345 | 1292 | 1291 | 1309 | 1198 | 1171 |
| -- INVESTOR-OWNED UTILITIES -- | | | | | | | | | | | | | | |
| 16 IDAHO POWER COMPANY | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 297 | 176 | 176 | 297 | 297 | 297 |
| 17 MONTANA POWER CO. REGIONAL | 173 | 173 | 173 | 175 | 168 | 171 | 172 | 169 | 163 | 160 | 160 | 185 | 129 | 175 |
| 18 PACIFICORP | 313 | 313 | 317 | 369 | 413 | 532 | 500 | 479 | 464 | 435 | 435 | -134 | 478 | 455 |
| 19 PORTLAND GENERAL ELECTRIC | 1261 | 1261 | 1261 | 1294 | 1283 | 1287 | 1284 | 1283 | 1254 | 1254 | 1254 | 830 | 1118 | 1261 |
| 20 PUGET SOUND ENERGY | 446 | 446 | 446 | 446 | 977 | 977 | 977 | 977 | 492 | 492 | 492 | 425 | 263 | 436 |
| 21 AVISTA CORP-WWP DIVISION | 301 | 301 | 301 | 301 | 407 | 407 | 407 | 407 | 368 | 368 | 368 | 253 | 189 | 300 |
| 22 TOTAL INVESTOR-OWNED UTILIT | 2791 | 2791 | 2795 | 2882 | 3545 | 3671 | 3637 | 3612 | 3038 | 2885 | 2885 | 1856 | 2474 | 2924 |
| TOTAL OTHER DEDICATED RESOURCES | | | | | | | | | | | | | | |
| 23 TOTAL OTHER DEDICATED RES. | 3408 | 3410 | 3415 | 3514 | 4847 | 4965 | 4957 | 4925 | 4383 | 4177 | 4176 | 3165 | 3672 | 4095 |

