

Exh. MGW-3
Docket UE-19____
Witness: Michael G. Wilding

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PACIFICORP dba
PACIFIC POWER & LIGHT COMPANY

Respondent.

Docket UE-19____

**PACIFICORP
EXHIBIT OF MICHAEL G. WILDING**

Washington Allocated NPC

December 2019

WAGRC21

| | Total | Jan-21 | Feb-21 | Mar-21 | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 |
|-----------------------------------|-----------|----------|-----------|----------|----------|-----------|----------|-----------|-----------|----------|----------|----------|-----------|
| Special Sales For Resale | | | | | | | | | | | | | |
| Long Term Firm Sales | | | | | | | | | | | | | |
| Black Hills | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BPA Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| East Area Sales (WCA Sale) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hurricane Sale | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LADWP (IPP Layoff) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leaning Juniper Revenue | 8,291 | 475 | 521 | 743 | 374 | 424 | 441 | 1,256 | 1,211 | 953 | 686 | 552 | 656 |
| SMUD | - | - | - | - | - | - | - | - | - | - | - | - | - |
| UMPA II #46631 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Long Term Firm Sales | 8,291 | 475 | 521 | 743 | 374 | 424 | 441 | 1,256 | 1,211 | 953 | 686 | 552 | 656 |
| Short Term Firm Sales | | | | | | | | | | | | | |
| COB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Colorado | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Four Corners | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Idaho | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mead | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mid Columbia | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mona | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NOB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Palo Verde | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SP15 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Utah | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Washington | - | - | - | - | - | - | - | - | - | - | - | - | - |
| West Main | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wyoming | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Electric Swaps Sales | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SIF Trading Margin | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SIF Index Trades | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Short Term Firm Sales | - | - | - | - | - | - | - | - | - | - | - | - | - |
| System Balancing Sales | | | | | | | | | | | | | |
| COB | 827,065 | 57,432 | 39,290 | 30,299 | 15,066 | 12,362 | (27,861) | (20,344) | (23,779) | 243,653 | 272,820 | 103,588 | 124,561 |
| Four Corners | (203,196) | (3,967) | (3,967) | (22,833) | (23,101) | 10,319 | 28,840 | 38,022 | (11,595) | 15,473 | (90,102) | (64,455) | (85,015) |
| Mead | 773,836 | 95,090 | 91,879 | 13,359 | 41,516 | 92,314 | 25,464 | (13,914) | 17,026 | (27,649) | 242,161 | 69,415 | 127,216 |
| Mid Columbia | (715,348) | 349 | (5,322) | (699) | (33,415) | (121,799) | (21,227) | (179,682) | (145,757) | (45,751) | 4,336 | 9,951 | 13,627 |
| Mona | (71,408) | (45,858) | (6,850) | (12,562) | (6,919) | (2,795) | 17,456 | 107,470 | (10,953) | 46,682 | (46,547) | (46,979) | (63,603) |
| NOB | 75,765 | - | - | 1,007 | 51 | (82) | - | 58,506 | 1,279 | - | - | - | 14,985 |
| Palo Verde | 1,778,380 | (71,208) | (115,011) | (8,610) | 31,752 | 84,799 | 546,653 | 909,273 | 700,409 | (53,438) | (42,969) | (71,500) | (131,771) |
| SP15 | 512,285 | 209,267 | 63,571 | 18,258 | 9,871 | 1,685 | 12,794 | 2,122 | 698 | 5,860 | 21,910 | 63,730 | 102,499 |
| Trapped Energy | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total System Balancing Sales | 2,877,377 | 209,267 | 63,571 | 18,258 | 34,822 | 76,925 | 393,057 | 901,452 | 527,326 | 184,859 | 401,609 | 63,730 | 102,499 |
| Total Special Sales For Resale | 2,985,669 | 209,741 | 64,092 | 19,001 | 35,196 | 77,349 | 393,498 | 902,708 | 528,538 | 185,812 | 402,296 | 64,282 | 103,155 |
| Purchased Power & Net Interchange | | | | | | | | | | | | | |
| Long Term Firm Purchases | | | | | | | | | | | | | |
| APS Supplemental | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Avoided Cost Resource | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cedar Springs Wind | 915,716 | 105,360 | 85,547 | 80,630 | 79,363 | 64,897 | 58,105 | 58,019 | 45,772 | 64,637 | 85,183 | 83,449 | 104,754 |
| Cedar Springs Wind III | 695,820 | 80,087 | 64,994 | 61,257 | 60,310 | 49,309 | 44,160 | 44,083 | 34,775 | 49,119 | 64,728 | 63,412 | 79,586 |
| Combine Hills Wind | 419,392 | 29,114 | 35,277 | 42,810 | 42,755 | 36,492 | 31,272 | 35,124 | 29,718 | 27,838 | 29,175 | 36,530 | 44,286 |
| Cove Mountain Solar | 301,814 | 14,475 | 15,208 | 26,509 | 28,859 | 33,216 | 35,723 | 34,652 | 32,788 | 28,117 | 22,634 | 16,263 | 13,369 |
| Cove Mountain Solar II | 107,688 | - | - | - | - | - | - | 37,306 | 34,849 | 24,369 | 10,105 | 1,039 | - |
| Deseret Purchase | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Douglas PUD Settlement | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Eagle Mountain - UAMPS/UMPA | 127,748 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 | 10,646 |
| Genstate | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Georgia-Pacific Camas | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hermiston Purchase | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hunter Solar | 556,332 | 29,285 | 33,200 | 50,578 | 52,787 | 60,193 | 62,288 | 59,215 | 55,665 | 51,903 | 44,293 | 31,415 | 25,511 |
| Hurricane Purchase | - | - | - | - | - | - | - | - | - | - | - | - | - |
| IPP Purchase | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MagCorp | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MagCorp Reserves | 397,169 | 32,889 | 33,202 | 32,889 | 32,889 | 32,889 | 32,889 | 31,949 | 33,515 | 33,515 | 33,515 | 33,515 | 33,515 |

| | | | | | | | | | | | | | |
|-----------------------------------|--------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Firm Wheeling | 11,107,620 | 940,784 | 909,184 | 886,553 | 835,060 | 826,492 | 1,319,433 | 918,293 | 898,144 | 874,330 | 845,388 | 890,187 | 963,771 |
| C&T EIM Admin fee | 162,122 | 11,379 | 9,752 | 12,824 | 15,744 | 18,448 | 16,115 | 14,552 | 14,166 | 12,299 | 12,111 | 11,846 | 12,886 |
| ST Firm & Non-Firm | 1,695 | 418 | 84 | 27 | - | 12 | 29 | 253 | 189 | 438 | 10 | 87 | 150 |
| Total Wheeling & U. of F. Expense | 11,271,438 | 952,581 | 919,020 | 899,403 | 850,804 | 844,953 | 1,335,577 | 933,098 | 912,498 | 887,068 | 857,509 | 902,120 | 976,807 |
| Coal Fuel Burn Expense | | | | | | | | | | | | | |
| Carbon | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cholla | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Colstrip | 1,801,130 | 198,544 | 162,047 | 167,290 | 123,703 | 95,840 | 117,124 | 193,859 | 196,466 | 177,959 | 77,394 | 112,339 | 178,545 |
| Craig | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dave Johnston | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hayden | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hunter | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Huntington | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jim Bridger | 49,932,829 | 4,208,576 | 3,753,439 | 4,050,400 | 3,103,753 | 2,995,957 | 3,970,130 | 5,609,764 | 5,502,137 | 4,281,197 | 4,148,297 | 4,256,165 | 4,055,013 |
| Naughton | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wyodak | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Coal Fuel Burn Expense | 51,733,959 | 4,407,121 | 3,915,486 | 4,217,690 | 3,227,456 | 3,091,797 | 4,087,254 | 5,803,623 | 5,698,623 | 4,459,156 | 4,225,691 | 4,366,504 | 4,231,558 |
| Gas Fuel Burn Expense | | | | | | | | | | | | | |
| Chehalis | 9,489,215 | 608,718 | 377,330 | 638,185 | 625,906 | 779,026 | 616,204 | 896,236 | 954,878 | 903,994 | 1,055,088 | 920,381 | 1,113,269 |
| Current Creek | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Gadsby | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Gadsby CT | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hermiston | 4,441,625 | 340,860 | 193,991 | 263,210 | 369,180 | 133,402 | 284,355 | 445,217 | 488,193 | 476,573 | 510,885 | 483,570 | 452,188 |
| Lake Side 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lake Side 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Little Mountain | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Naughton - Gas | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Gas Fuel Burn | 13,930,840 | 949,578 | 571,322 | 901,395 | 995,086 | 912,428 | 900,559 | 1,341,453 | 1,443,071 | 1,380,567 | 1,565,973 | 1,403,952 | 1,565,458 |
| Gas Physical | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Gas Swaps | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Clay basin Gas Storage | 3,120,465 | 264,192 | 242,839 | 264,192 | 257,075 | 264,192 | 257,075 | 264,192 | 264,192 | 257,075 | 264,192 | 257,075 | 264,192 |
| Pipeline Reservation Fees | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Gas Fuel Burn Expense | 17,051,326 | 1,213,771 | 814,161 | 1,165,587 | 1,252,161 | 1,176,621 | 1,157,633 | 1,605,645 | 1,707,264 | 1,637,642 | 1,830,165 | 1,661,026 | 1,829,650 |
| Other Generation | | | | | | | | | | | | | |
| Blundell | 336,134 | 33,133 | 25,219 | 32,608 | 31,536 | 31,800 | 26,341 | 29,169 | 30,057 | 30,315 | 24,820 | 22,253 | 16,883 |
| Blundell Bottoming Cycle | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cedar Springs Wind II | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dunlap I Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ekola Flats Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Foot Creek I Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glenrock Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glenrock III Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Goodhue Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| High Plains Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Leaning Juniper 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Marengo I Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Marengo II Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| McFadden Ridge Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pryor Mountain Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Rolling Hills Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Seven Mile Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Seven Mile II Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Black Cap Solar | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TB Flats Wind | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TB Flats Wind II | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Integration Charge | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Other Generation | 336,134 | 33,133 | 25,219 | 32,608 | 31,536 | 31,800 | 26,341 | 29,169 | 30,057 | 30,315 | 24,820 | 22,253 | 16,883 |
| Net Power Cost | 106,503,513 | 11,616,327 | 9,445,569 | 8,124,922 | 6,533,436 | 6,583,378 | 7,821,164 | 9,668,728 | 9,522,714 | 8,172,606 | 7,814,941 | 9,301,316 | 11,895,393 |