October 1, 2007

## VIA ELECTRONIC FILING

PUC Filing Center
Public Utility Commission of Oregon
PO Box 2148
Salem, OR 97308-2148
Re: Docket No. UM 1276
Enclosed is a revised spreadsheet attachment to PacifiCorp's CIM/pp proposal. Based upon conversations with Staff, PacifiCorp has changed one cell (M29 in the first sheet and M28 in the second sheet) previously hardcoded to a formula, and added one footnote to the first sheet. A copy of this filing has been served on all parties to this proceeding as indicated on the attached service list.


## Enclosure

cc: Service List

## CERTIFICATE OF SERVICE

2 I hereby certify that I served a true and correct copy of the foregoing document in 3 Docket UM 1276 on the following named person(s) on the date indicated below by email 4 and first-class mail addressed to said person(s) at his or her last-known address(es) 5 indicated below.

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DATED: October 1, 2007.

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## Long-Term Tolling Example (With AFPPA)

| Allowed Earnings Rate: |  |
| :---: | :---: |
| Pre-Tax: | 13.38\% |
| After-Tax: | 8.16\% |
| AFPPA Rate: | 7.80\% |
| Debt Rate: | 6.00\% |
| MW: | 100 |
| Demand Charge (\$/kW-mo.): \$ | 9.00 |
| Does not escalate, but also payable during project construction |  |


${ }^{(1)}$ Demand payments assumed at $50 \%$ of total payments

## Standard PPA

| Allowed Earnings Rate: |  |  |
| :--- | ---: | ---: |
| Pre-Tax: |  |  |
| After-Tax: |  |  |
|  | $8.38 \%$ |  |
| Debt Rate: | $6.16 \%$ |  |
| MWa: |  | 50 |
| Cost (\$/MWh): |  |  |
| Year 1: | $\$$ | 75.00 |
| Percentage Eligibility Factor: |  | $50 \%$ |

All $\$ 000$

| Year | Total Payments <br> (0) | Eligible Payments <br> (1) | Start of Year Balance | End of Year Balance <br> (3) | Principal Receipts <br> (4) | Gross <br> Return <br> @13.38\% Receipts <br> (5) | Net Return @8.16\% Receipts (6) | Total <br> Pre-Tax <br> Receipts $(7)=(4)+(5)$ | Pre-Tax Incentive Receipt vs. Payment Difference $(8)=(7)-(1)$ | Levelized Pre-Tax Incentive <br> (9) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | \$32,850 | \$16,425 | \$188,393 | \$178,974 | \$9,420 | \$24,571 | \$14,989 | \$33,991 | \$17,566 | \$8,754 |
| 2 | \$32,850 | \$16,425 | \$178,974 | \$169,554 | \$9,420 | \$23,311 | \$14,220 | \$32,731 | \$16,306 | \$8,754 |
| 3 | \$32,850 | \$16,425 | \$169,554 | \$160,134 | \$9,420 | \$22,051 | \$13,451 | \$31,471 | \$15,046 | \$8,754 |
| 4 | \$32,850 | \$16,425 | \$160,134 | \$150,715 | \$9,420 | \$20,791 | \$12,683 | \$30,211 | \$13,786 | \$8,754 |
| 5 | \$32,850 | \$16,425 | \$150,715 | \$141,295 | \$9,420 | \$19,531 | \$11,914 | \$28,951 | \$12,526 | \$8,754 |
| 6 | \$32,850 | \$16,425 | \$141,295 | \$131,875 | \$9,420 | \$18,271 | \$11,145 | \$27,691 | \$11,266 | \$8,754 |
| 7 | \$32,850 | \$16,425 | \$131,875 | \$122,456 | \$9,420 | \$17,011 | \$10,377 | \$26,431 | \$10,006 | \$8,754 |
| 8 | \$32,850 | \$16,425 | \$122,456 | \$113,036 | \$9,420 | \$15,751 | \$9,608 | \$25,171 | \$8,746 | \$8,754 |
| 9 | \$32,850 | \$16,425 | \$113,036 | \$103,616 | \$9,420 | \$14,491 | \$8,839 | \$23,911 | \$7,486 | \$8,754 |
| 10 | \$32,850 | \$16,425 | \$103,616 | \$94,197 | \$9,420 | \$13,231 | \$8,071 | \$22,650 | \$6,225 | \$8,754 |
| 11 | \$32,850 | \$16,425 | \$94,197 | \$84,777 | \$9,420 | \$11,971 | \$7,302 | \$21,390 | \$4,965 | \$8,754 |
| 12 | \$32,850 | \$16,425 | \$84,777 | \$75,357 | \$9,420 | \$10,711 | \$6,533 | \$20,130 | \$3,705 | \$8,754 |
| 13 | \$32,850 | \$16,425 | \$75,357 | \$65,938 | \$9,420 | \$9,451 | \$5,765 | \$18,870 | \$2,445 | \$8,754 |
| 14 | \$32,850 | \$16,425 | \$65,938 | \$56,518 | \$9,420 | \$8,190 | \$4,996 | \$17,610 | \$1,185 | \$8,754 |
| 15 | \$32,850 | \$16,425 | \$56,518 | \$47,098 | \$9,420 | \$6,930 | \$4,228 | \$16,350 | (\$75) | \$8,754 |
| 16 | \$32,850 | \$16,425 | \$47,098 | \$37,679 | \$9,420 | \$5,670 | \$3,459 | \$15,090 | $(\$ 1,335)$ | \$8,754 |
| 17 | \$32,850 | \$16,425 | \$37,679 | \$28,259 | \$9,420 | \$4,410 | \$2,690 | \$13,830 | (\$2,595) | \$8,754 |
| 18 | \$32,850 | \$16,425 | \$28,259 | \$18,839 | \$9,420 | \$3,150 | \$1,922 | \$12,570 | $(\$ 3,855)$ | \$8,754 |
| 19 | \$32,850 | \$16,425 | \$18,839 | \$9,420 | \$9,420 | \$1,890 | \$1,153 | \$11,310 | $(\$ 5,115)$ | \$8,754 |
| 20 | \$32,850 | \$16,425 | \$9,420 | (\$0) | \$9,420 | \$630 | \$384 | \$10,050 | $(\$ 6,375)$ | \$8,754 |
| Sum |  | \$328,500 |  |  | \$188,393 | \$252,015 | \$153,729 | \$440,408 | \$111,908 | \$175,084 |
| NPV @8.16\% |  | \% \$159,361 |  |  | \$91,393 | \$152,905 | \$ $\$ 93.272$ | \$244,297. | \% $\$ 84,936$ | \$84,936 |
| NPV @6.00\% |  | \$188,393 |  |  |  |  |  |  |  |  |

## Long-Term Tolling Example (With AFPPA)

| Allowed Earnings Rate: |  |
| :--- | ---: |
| Pre-Tax: <br> After-Tax: | $13.38 \%$ |
| AFPPA Rate: | $8.16 \%$ |
| Debt Rate: | $7.80 \%$ |
| MW: | $6.00 \%$ |
| Demand Charge (\$/kW-mo.): <br> Does not escalate, but also payable <br> during project construction | 100 |


| All \$000 | Demand |  |  | End of |  |  | Net |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  | Incentive |  |
|  |  |  |  |  | Return | Return | Total | Receipt vs. | Levelized |
|  |  | Year |  |  | Year | Principal | @13.38\% | @8.16\% | Pre-Tax | Payment | Pre-Tax |
| Year | Payments ${ }^{(1)}$ | Balance | AFPPA |  | Balance | Receipts | Receipts | Receipts | Receipts | Difference | Incentive |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | $(8)=(5)+(6)$ | $(9)=(8)-(1)$ | (10) |
| 1 | \$10,800 | \$148,660 | \$11,595 | \$160,256 | \$0 | \$0 | \$0 | \$0 | $(\$ 10,800)$ | \$7,214 |
| 2 | \$10,800 | \$160,256 | \$12,500 | \$172,756 | \$0 | \$0 | \$0 | \$0 | $(\$ 10,800)$ | \$7,214 |
| 3 | \$10,800 | \$172,756 | \$13,475 | \$186,231 | \$0 | \$0 | \$0 | \$0 | (\$10,800) | \$7,214 |
| 4 | \$10,800 | \$186,231 |  | \$179,333 | \$6,897 | \$24,451 | \$14,915 | \$31,348 | \$20,548 | \$7,214 |
| 5 | \$10,800 | \$179,333 |  | \$172,436 | \$6,897 | \$23,528 | \$14,352 | \$30,426 | \$19,626 | \$7,214 |
| 6 | \$10,800 | \$172,436 |  | \$165,538 | \$6,897 | \$22,605 | \$13,789 | \$29,503 | \$18,703 | \$7,214 |
| 7 | \$10,800 | \$165,538 |  | \$158,641 | \$6,897 | \$21,683 | \$13,227 | \$28,580 | \$17,780 | \$7,214 |
| 8 | \$10,800 | \$158,641 |  | \$151,743 | \$6,897 | \$20,760 | \$12,664 | \$27,658 | \$16,858 | \$7,214 |
| 9 | \$10,800 | \$151,743 |  | \$144,846 | \$6,897 | \$19,837 | \$12,101 | \$26,735 | \$15,935 | \$7,214 |
| 10 | \$10,800 | \$144,846 |  | \$137,949 | \$6,897 | \$18,915 | \$11,538 | \$25,812 | \$15,012 | \$7,214 |
| 11 | \$10,800 | \$137,949 |  | \$131,051 | \$6,897 | \$17,992 | \$10,975 | \$24,890 | \$14,090 | \$7,214 |
| 12 | \$10,800 | \$131,051 |  | \$124,154 | \$6,897 | \$17,069 | \$10,412 | \$23,967 | \$13,167 | \$7,214 |
| 13 | \$10,800 | \$124,154 |  | \$117,256 | \$6,897 | \$16,147 | \$9,850 | \$23,044 | \$12,244 | \$7,214 |
| 14 | \$10,800 | \$117,256 |  | \$110,359 | \$6,897 | \$15,224 | \$9,287 | \$22,122 | \$11,322 | \$7,214 |
| 15 | \$10,800 | \$110,359 |  | \$103,461 | \$6,897 | \$14,301 | \$8,724 | \$21,199 | \$10,399 | \$7,214 |
| 16 | \$10,800 | \$103,461 |  | \$96,564 | \$6,897 | \$13,379 | \$8,161 | \$20,276 | \$9,476 | \$7,214 |
| 17 | \$10,800 | \$96,564 |  | \$89,667 | \$6,897 | \$12,456 | \$7,598 | \$19,354 | \$8,554 | \$7,214 |
| 18 | \$10,800 | \$89,667 |  | \$82,769 | \$6,897 | \$11,533 | \$7,035 | \$18,431 | \$7,631 | \$7,214 |
| 19 | \$10,800 | \$82,769 |  | \$75,872 | \$6,897 | \$10,611 | \$6,473 | \$17,508 | \$6,708 | \$7,214 |
| 20 | \$10,800 | \$75,872 |  | \$68,974 | \$6,897 | \$9,688 | \$5,910 | \$16,585 | \$5,785 | \$7,214 |
| 21 | \$10,800 | \$68,974 |  | \$62,077 | \$6,897 | \$8,765 | \$5,347 | \$15,663 | \$4,863 | \$7,214 |
| 22 | \$10,800 | \$62,077 |  | \$55,179 | \$6,897 | \$7,843 | \$4,784 | \$14,740 | \$3,940 | \$7,214 |
| 23 | \$10,800 | \$55,179 |  | \$48,282 | \$6,897 | \$6,920 | \$4,221 | \$13,817 | \$3,017 | \$7,214 |
| 24 | \$10,800 | \$48,282 |  | \$41,385 | \$6,897 | \$5,997 | \$3,658 | \$12,895 | \$2,095 | \$7,214 |
| 25 | \$10,800 | \$41,385 |  | \$34,487 | \$6,897 | \$5,075 | \$3,096 | \$11,972 | \$1,172 | \$7,214 |
| 26 | \$10,800 | \$34,487 |  | \$27,590 | \$6,897 | \$4,152 | \$2,533 | \$11,049 | \$249 | \$7,214 |
| 27 | \$10,800 | \$27,590 |  | \$20,692 | \$6,897 | \$3,229 | \$1,970 | \$10,127 | (\$673) | \$7,214 |
| 28 | \$10,800 | \$20,692 |  | \$13,795 | \$6,897 | \$2,307 | \$1,407 | \$9,204 | $(\$ 1,596)$ | \$7,214 |
| 29 | \$10,800 | \$13,795 |  | \$6,897 | \$6,897 | \$1,384 | \$844 | \$8,281 | $(\$ 2,519)$ | \$7,214 |
| 30 | \$10,800 | \$6,897 |  | \$0 | \$6,897 | \$461 | \$281 | \$7,359 | $(\$ 3,441)$ | \$7,214 |
| Sum | \$324,000 |  |  |  | \$186,231 | \$336,314 | \$205,152 | \$522,545 | \$198,545 | \$216,425 |
| NPV @8.16\% | \$119,771 |  |  |  | \$58,768 | \$141,008 | \$86,015 | \$199,776 | \$80,005 | \$80,005 |
| NPV @6.00\% | \$148,660 |  |  |  |  |  |  |  |  |  |

[^0]
## Standard PPA

| Allowed Earnings Rate: |  |
| :--- | ---: |
| Pre-Tax: |  |
| After-Tax: | $13.38 \%$ |
| Debt Rate: | $8.16 \%$ |
| MWa: |  |
| Cost (\$/MWh): <br> Year 1: <br> Percentage Eligibility Factor: | $6.00 \%$ |

All $\$ 000$

| Year | Total Payments <br> (0) | Eligible Payments <br> (1) | Start of Year Balance | End of Year Balance | Principal Receipts <br> (4) | Gross <br> Return <br> @13.38\% Receipts (5) | Net <br> Return <br> @8.16\% Receipts <br> (6) | Total <br> Pre-Tax <br> Receipts $(7)=(4)+(5)$ | Pre-Tax Incentive Receipt vs. Payment Difference $(8)=(7)-(1)$ | Levelized Pre-Tax Incentive <br> (9) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | \$32,850 | \$16,425 | \$188,393 | \$178,974 | \$9,420 | \$24,571 | \$14,989 | \$33,991 | \$17,566 | \$8,754 |
| 2 | \$32,850 | \$16,425 | \$178,974 | \$169,554 | \$9,420 | \$23,311 | \$14,220 | \$32,731 | \$16,306 | \$8,754 |
| 3 | \$32,850 | \$16,425 | \$169,554 | \$160,134 | \$9,420 | \$22,051 | \$13,451 | \$31,471 | \$15,046 | \$8,754 |
| 4 | \$32,850 | \$16,425 | \$160,134 | \$150,715 | \$9,420 | \$20,791 | \$12,683 | \$30,211 | \$13,786 | \$8,754 |
| 5 | \$32,850 | \$16,425 | \$150,715 | \$141,295 | \$9,420 | \$19,531 | \$11,914 | \$28,951 | \$12,526 | \$8,754 |
| 6 | \$32,850 | \$16,425 | \$141,295 | \$131,875 | \$9,420 | \$18,271 | \$11,145 | \$27,691 | \$11,266 | \$8,754 |
| 7 | \$32,850 | \$16,425 | \$131,875 | \$122,456 | \$9,420 | \$17,011 | \$10,377 | \$26,431 | \$10,006 | \$8,754 |
| 8 | \$32,850 | \$16,425 | \$122,456 | \$113,036 | \$9,420 | \$15,751 | \$9,608 | \$25,171 | \$8,746 | \$8,754 |
| 9 | \$32,850 | \$16,425 | \$113,036 | \$103,616 | \$9,420 | \$14,491 | \$8,839 | \$23,911 | \$7,486 | \$8,754 |
| 10 | \$32,850 | \$16,425 | \$103,616 | \$94,197 | \$9,420 | \$13,231 | \$8,071 | \$22,650 | \$6,225 | \$8,754 |
| 11 | \$32,850 | \$16,425 | \$94,197 | \$84,777 | \$9,420 | \$11,971 | \$7,302 | \$21,390 | \$4,965 | \$8,754 |
| 12 | \$32,850 | \$16,425 | \$84,777 | \$75,357 | \$9,420 | \$10,711 | \$6,533 | \$20,130 | \$3,705 | \$8,754 |
| 13 | \$32,850 | \$16,425 | \$75,357 | \$65,938 | \$9,420 | \$9,451 | \$5,765 | \$18,870 | \$2,445 | \$8,754 |
| 14 | \$32,850 | \$16,425 | \$65,938 | \$56,518 | \$9,420 | \$8,190 | \$4,996 | \$17,610 | \$1,185 | \$8,754 |
| 15 | \$32,850 | \$16,425 | \$56,518 | \$47,098 | \$9,420 | \$6,930 | \$4,228 | \$16,350 | (\$75) | \$8,754 |
| 16 | \$32,850 | \$16,425 | \$47,098 | \$37,679 | \$9,420 | \$5,670 | \$3,459 | \$15,090 | $(\$ 1,335)$ | \$8,754 |
| 17 | \$32,850 | \$16,425 | \$37,679 | \$28,259 | \$9,420 | \$4,410 | \$2,690 | \$13,830 | $(\$ 2,595)$ | \$8,754 |
| 18 | \$32,850 | \$16,425 | \$28,259 | \$18,839 | \$9,420 | \$3,150 | \$1,922 | \$12,570 | $(\$ 3,855)$ | \$8,754 |
| 19 | \$32,850 | \$16,425 | \$18,839 | \$9,420 | \$9,420 | \$1,890 | \$1,153 | \$11,310 | $(\$ 5,115)$ | \$8,754 |
| 20 | \$32,850 | \$16,425 | \$9,420 | (\$0) | \$9,420 | \$630 | \$384 | \$10,050 | $(\$ 6,375)$ | \$8,754 |
| Sum |  | \$328,500 |  |  | \$188,393 | \$252,015 | \$153,729 | \$440,408 | \$111,908 | \$175,084 |
| NPV @8.16\% |  | \$159,361 |  |  | \$91,393 | \$152,905 | \$93,272 | \$244,297 | \$84,936 | \$84,936 |
| NPV @6.00\% |  | \$188,393 |  |  |  |  |  |  |  |  |


[^0]:    ${ }^{(1)}$ Demand payments assumed at $50 \%$ of total payments

