

April 20, 2004

Administrative Hearings Division  
Public Utility Commission of Oregon  
Docket UM 926  
PO Box 2148  
Salem, OR 97308-2148

**Re: Docket UM 926: Comments by Portland General Electric Company (PGE) regarding the Bonneville Power Administration (BPA) Comprehensive Settlement and Conditional Deferral of Reduction of Risk Discount Under PacifiCorp's Financial Settlement Agreement**

At the March 16, 2004 public meeting, the Commission Staff (Staff) presented a report on the status of the BPA comprehensive settlement and conditional deferral of Reduction of Risk Discount under PacifiCorp's financial settlement agreement. The Commission adopted Staff's recommendation to revisit this issue at a public meeting on May 4, 2004 and asked interested persons to submit written comments on Staff's proposal prior to that meeting. The Commissioners specifically requested that any alternative recommendation include a discussion of the Commission's ability to adopt such alternative given its statutory responsibilities to customers of investor owned utilities.

After the Commission's decision on March 16, BPA continued to negotiate with PacifiCorp and Puget Sound Energy (Puget). On March 18 PacifiCorp and Puget told the other four investor-owned utilities that they were working on a new settlement with BPA. They also asked if we would be interested in giving up some of our 2003 Deferral money in return for more certainty about residential and small farm benefits from October 1, 2006 through September 30, 2011 (FY 2007 – FY 2011). All of the companies agreed to discuss a possible settlement with BPA. BPA offered Settlement Agreements to all of the investor-owned utilities and began a public comment period regarding those agreements on April 16, 2004.

PGE recommends the Commission approve these new Settlement Agreements that have resulted from the investor-owned utilities' discussions with BPA and end the Risk Reduction Discount deferral by PacifiCorp. Doing so will benefit the residential and small farm customers of PGE as discussed below.


- (A) A necessary prerequisite for the BPA Settlement Agreements with PacifiCorp and Puget is triggering the payment of the \$200 million by ceasing the deferral of the Risk Reduction Discount. Thus, PGE encourages the Commission to approve ending the deferral.
  
- (B) PGE's customers will benefit in the near term from a settlement between BPA, PacifiCorp and Puget because it would reduce BPA's Load Based Cost Recovery Adjustment Clause (LB CRAC) by about 8.7 percent. That, in turn, reduces the cost of the 258 MWa of power that PGE purchases for its residential and small farm customers by about \$3.9 million.
  
- (C) BPA has also offered PGE a Settlement Agreement that provides additional potential benefits in the FY 2007 through FY 2011 period.
  - (1) The Settlement would require PGE to forego any dollars remaining in the Deferral Account as of September 30, 2004, from the 2003 Deferral and Settlement Agreement. PGE estimates that the amount of money to be forgone will be approximately \$2.4 million.
  
  - (2) In return for that concession, PGE would gain certainty regarding the calculation of future benefits for our residential and small farm customers as follows:
    - (a) BPA will surrender its right to elect whether to deliver subscription power or monetary benefits to the PGE in the FY 2007-2011 period. Instead, the benefits will be delivered as money.
  
    - (b) BPA will calculate monetary benefits in the FY 2007-2011 period using a Forward Flat-Block Price Forecast that is based on a survey of the forward prices used by buyers and sellers of bulk power for resale in the Pacific Northwest, rather than based on BPA's findings as to such forward prices in a future rate case.
  
    - (c) The total annual monetary payments to all investor-owned utilities in the FY 2007-2011 period will be subject to an annual floor amount of \$100 million and an annual ceiling amount of \$300 million.

The effect on rates for PGE's residential customers of ending the PacifiCorp and Puget deferrals and accepting the new BPA settlement offers will be a reduction of 0.20 percent (-0.20%) compared to the rates in PGE's RVM for 2005. (This calculation assumes that the entire \$2.4 million forgone from the 2003 Deferral and Settlement Agreement is repaid in the first year.) Then, in 2006 the entire \$3.9 million LB CRAC reduction would be available to reduce rates so there would be a total reduction of 0.60 percent (-0.60%) compared to the RVM forecast.

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We plan to attend the May 4 Public Meeting and will be happy to answer any questions you might have about our comments either at the meeting or in the interim.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pamela G. Lesh".

Pamela G. Lesh  
Vice President, Regulatory and Federal Affairs



**Department of Energy**  
Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

POWER BUSINESS LINE

April 15, 2004

In reply refer to: PT-5

Amendment No. 2  
Contract No. 00PB-12161  
SETTLEMENT AGREEMENT

**Portland General Electric Company**  
121 SW. Salmon Street  
Portland, OR 98204

Attn: **Ms. Pamela Grace Lesh**  
Vice President, Federal and Regulatory Affairs

Dear **Ms. Lesh**:

This letter agreement ("Amendment No. 2") constitutes an amendment to Contract No. 00PB-12161 as amended between the Bonneville Power Administration ("BPA") and **Portland General Electric Company** ("PGE") (referred to hereinafter as "Settlement Agreement"). This Amendment No. 2 amends, among other things, provisions regarding the repayment by BPA of Monetary Benefit deferred during Fiscal Year 2003, the methodology for determining the Forward Flat-Block Price Forecast used in determining the amount of Monetary Benefit payable to PGE during the period that begins on October 1, 2006, and continues through September 30, 2011, and specifies that BPA will provide Monetary Benefit rather than Firm Power during such period. Further, this Amendment No. 2 terminates Contract No. 03PB-11267 (Agreement Regarding Fiscal Year 2003 Deferral Amount).

The Parties agree:

1. **EFFECTIVE DATE.** This Amendment No. 2 shall become effective on the date accepted and executed by PGE ("Effective Date").
2. **AMENDMENT OF SETTLEMENT AGREEMENT.** The Settlement Agreement is amended as follows:
  - (a) Section 2(e) of the Settlement Agreement is deleted and replaced by the following:
    - "(e) "Forward Flat-Block Price Forecast" shall have the following meanings:

- (1) For the period from October 1, 2001, through September 30, 2006:

“Forward Flat-Block Price Forecast” or “FBPF” means, for the period from October 1, 2001, through September 30, 2006, BPA’s forecast, expressed in \$/MWh, of the wholesale market price for the purchase of additional amounts of power at 100 percent annual load factor established in the same BPA power rate case as that which established the RL Rate and for the period of the RL Rate established in a BPA power rate case Record of Decision (“ROD”) as finally approved by the Federal Energy Regulatory Commission and affirmed, if appealed, by the United States Court of Appeals for the Ninth Circuit.

- (2) For the period from October 1, 2006, through September 30, 2011:

“Forward Flat-Block Price Forecast” or “FBPF” means, for each Contract Year during the period from October 1, 2006, through September 30, 2011, the FBPF, expressed in \$/MWh, as determined pursuant to Exhibit C, which is attached to this Agreement pursuant to Amendment No. 2.”

- (b) Section 2(f) of the Settlement Agreement is deleted and replaced by the following:

“(f) “Lowest PF Rate” means the rates under the lowest cost-based power rate schedule for purchases by BPA’s preference customers of block product service to meet their general requirements at 100 percent load factor. Lowest PF Rate includes any applicable rate adjustment clauses.”

- (c) Section 2(j) of the Settlement Agreement is deleted and replaced by the following:

“(j) “RL Rate” means the then-current applicable Residential Load Firm Power rate schedule or its successor. RL Rate includes any applicable rate adjustment clauses.”

- (d) New sections 2(n), 2(o), 2(p), 2(q), 2(r), 2(s), and 2(t) as follows are added to the Settlement Agreement:

“(n) “Annual Deferral Amount” means the annual amount specified in Exhibit D for Contract Year 2003.

- (o) “Deferral Account” means the aggregate amount of reductions in payments pursuant to section 4(c)(4), plus interest calculated in accordance with section 4(c)(5), less amounts of payments to PGE pursuant to section 4(c)(6)(B).
- (p) “Monetary Benefit Cap,” or “MBC,” means, for the purposes of the formula in section 4(c)(2)(B) below, the maximum amount, expressed in \$/MWh, by which the FBPF may exceed the RL (or Lowest PF, as applicable) in the numerator of such formula for each Contract Year during the period from October 1, 2006, through September 30, 2011. Such maximum amount shall be equal to \$15.59/MWh (\$15.55/MWh during a leap year).
- (q) “Monetary Benefit Floor,” or “MBF” means, for the purposes of the formula in section 4(c)(2)(B) below, the minimum amount, expressed in \$/MWh, by which the FBPF may exceed the RL (or Lowest PF, as applicable) in the numerator of such formula for each Contract Year during the period from October 1, 2006, through September 30, 2011. Such minimum amount shall be equal to \$5.20/MWh (\$5.18/MWh during a leap year).
- (r) “Monthly Deferral Amount” means the monthly amounts specified in Exhibit D for Contract Year 2003.
- (s) “SN CRAC Reduction” means for each month beginning October 1, 2003, and continuing through September 30, 2004, an amount equal to the sum of
  - (i) the reduction to Monetary Benefit paid in such month under section 4(c)(2)(A) of this Agreement as a result of the application of the SN CRAC, plus
  - (ii) the increase in payments for Firm Power under Contract 00PB-12167 as a result of application of SN CRAC.
- (t) “Lowest PF” for a Contract Year means the hourly weighted annual average Lowest PF Rate, expressed in \$/MWh, for purchases for such Contract Year by BPA’s preference customers of block product service at 100 percent annual load factor to meet their general requirements.”
- (e) Section 4(b)(2) of the Settlement Agreement is deleted and replaced by the following:

**“(2) October 1, 2006, through September 30, 2011**  
Notwithstanding any other provisions of this Agreement, no Firm Power will be provided by BPA to PGE under this Agreement during the period that begins on October 1, 2006, and continues through September 30, 2011.”

(f) Section 4(c)(1)(B) of the Settlement Agreement is deleted and replaced by the following:

**“(B) October 1, 2006, through September 30, 2011**  
BPA shall provide the following Monetary Benefit amounts, expressed in annual aMW, to PGE from October 1, 2006, through September 30, 2011:

Period of Time	Monetary Benefit (annual aMW)
10/1/06 through 9/30/11	560”

(g) Section 4(c)(2)(B) of the Settlement Agreement is deleted and replaced by the following:

**“(B) October 1, 2006, through September 30, 2011**

(i) **Monetary Benefit Monthly Payment Amounts**  
The Monetary Benefit monthly payment amounts for each Contract Year shall be determined in accordance with the following formula:

$$MP = \frac{(FBPF - RL) \times MB \times 8,760 \text{ hours (8,784 hours during a leap year)}}{12 \text{ months}}$$

Where:

MP = Monthly Payment Amount, expressed in dollars, for each month of such Contract Year.

FBPF = Forward Flat-Block Price Forecast, expressed in \$/MWh, for such Contract Year.

RL = The hourly weighted annual average RL Rate calculated at 100 percent annual load factor, expressed in \$/MWh, for such Contract Year.

MB = Monetary Benefit amount, expressed in annual aMW.

(ii) **Implementation of Monetary Benefit Cap and Monetary Benefit Floor**

For the purposes of the formula in section 4(c)(2)(B)(i) above for each Contract Year, RL shall be subtracted from FBPF for such Contract Year. If (FBPF – RL) is greater than \$15.59/MWh (\$15.55/MWh during a leap year), then (FBPF – RL) will be set equal to \$15.59/MWh (\$15.55/MWh during a leap year) for such Contract Year. If (FBPF – RL) is less than \$5.20/MWh (\$5.18/MWh during a leap year), then (FBPF – RL) will be set equal to \$5.20/MWh (\$5.18/MWh during a leap year) for such Contract Year.

(iii) **Calculation of Monthly Payment Amounts Each Time the RL Rate is Adjusted During a Contract Year**

The following procedure will apply to the calculation of Monetary Benefit payments each time the RL Rate is adjusted for a portion of a Contract Year:

- (aa) Calculate a weighted average annual RL ( $RL_{\text{weighted}}$ ) for such Contract Year as follows:

$$RL_{\text{weighted}} = \frac{(RLC \times \text{MONTHS}(C)) + (RLN \times \text{MONTHS}(N))}{12}$$

Where:

$RL_{\text{weighted}}$  = The weighted average RL, in \$/MWh, calculated at 100 percent annual load factor.

RLC = A rate, expressed in \$/MWh, equal to the hourly weighted average RL Rate(s) at 100 percent load factor used in the months of such Contract Year prior to such RL Rate adjustment.

MONTHS(C) = Number of months that the RL Rate(s) applied in calculating RLC were used.

RLN = A rate, expressed in \$/MWh, equal to the hourly weighted average RL Rate at 100 percent load factor that becomes effective (as a result of such



RL Rate adjustment) for the remaining months of such Contract Year after such RL Rate adjustment.

MONTHS(N) = Number of months that the RL Rate applied in calculating RLN was used.

- (bb) Determine pursuant to section 4(c)(2)(B)(iii)(cc) below if  $(FBPF - RL_{\text{weighted}})$  for such Contract Year is greater than MBC or less than MBF.
- (cc) Calculate a Revised Annual Monetary Benefit (hereinafter referred to as "Revised AMB") for such Contract Year using the applicable formula in sections 4(c)(2)(B)(iii)(cc)(1), 4(c)(2)(B)(iii)(cc)(2), or 4(c)(2)(B)(iii)(cc)(3) below:
- (1) If  $(FBPF - RL_{\text{weighted}})$  is less than MBC and greater than MBF, then:
- $$\text{Revised AMB} = (FBPF - RL_{\text{weighted}}) \times 560 \text{ MW} \times 8,760 \text{ hours (8,784 hours during a leap year).}$$
- (2) If  $(FBPF - RL_{\text{weighted}})$  is greater than MBC, then:
- $$\text{Revised AMB} = \text{MBC} \times 560 \text{ MW} \times 8,760 \text{ hours (8,784 hours during a leap year).}$$
- (3) If  $(FBPF - RL_{\text{weighted}})$  is less than MBF, then:
- $$\text{Revised AMB} = \text{MBF} \times 560 \text{ MW} \times 8,760 \text{ hours (8,784 hours during a leap year).}$$
- (dd) Subtract from the Revised AMB the sum of the amounts paid as Monthly Payment Amounts for the months during such Contract Year that the RL Rate(s) applied in calculating RLC were used. This amount may be positive or negative. Divide this amount by MONTHS(N), to determine the monthly payment amount.

- (ee) The monthly payment amount determined in section 4(c)(2)(B)(iii)(dd) above will, if positive, be paid by BPA to PGE as Monetary Benefit for each month remaining in such Contract Year for which the RL Rate applied in calculating RLN is used or, if negative, an amount equal to the absolute value of such monthly payment amount will be paid by PGE to BPA as a refund of Monetary Benefit for each month remaining in such Contract Year for which the RL Rate applied in calculating RLN is used.
- (ff) If the RL Rate is adjusted more than one time during a Contract Year, then sections 4(c)(2)(B)(iii)(aa) through 4(c)(2)(B)(iii)(ee) of the above procedure shall be performed for each such RL Rate adjustment.

(iv) **True-up of Monetary Benefit Following Rate Adjustments**

During October following a Contract Year for which BPA has adjusted (whether pursuant to an adjustment clause or otherwise) the RL Rate or Lowest PF Rate for a portion of such Contract Year, BPA shall calculate a Monthly Payment Amount using the formula in section 4(c)(2)(B)(i), including application of the MBC and MBF in section 4(c)(2)(B)(ii), and setting RL equal to an amount based on the RL Rate(s) (or, if required by section 4(c)(2)(C), the Lowest PF Rate(s) for such Contract Year) actually charged during such Contract Year. If (aa) the amount equal to such Monthly Payment Amount multiplied by 12 minus (bb) the sum of amounts previously determined pursuant to 4(c)(2)(B)(i), 4(c)(2)(B)(ii), and 4(c)(2)(B)(iii) and paid for each month of such Contract Year by BPA (and subtracting from such sum any amounts paid by PGE to BPA pursuant to section 4(c)(2)(B)(iii)(ee) for such Contract Year) is positive, such amount will be paid by BPA to PGE as additional Monetary Benefit on the monthly bill for October. If such amount is negative, an amount equal to the absolute value of such amount will be paid by PGE to BPA as a refund of Monetary Benefit on the monthly bill for October.”

- (h) Section 4(c)(2)(C) of the Settlement Agreement is deleted and replaced by the following:

**“(C) Exception to Use of RL Rate in Section 4(c)”**

For the purposes of determining any Monetary Benefit amount (including without limitation any true-up of Monetary Benefit pursuant to section 4(c)(2)(B)(iv)) using the formulae shown in sections 4(c)(2)(A) and 4(c)(2)(B) above:

- (i) In the event there is no RL Rate in effect or RL exceeds Lowest PF for a Contract Year, Lowest PF shall replace RL in such formulae for calculating MP and (FBPF – RL); and
- (ii) In the event RLC or RLN as calculated using the RL Rate exceeds RLC or RLN if calculated using the Lowest PF Rate (in lieu of the RL Rate), Lowest PF Rate shall replace RL Rate in such formulae for calculating RLC and RLN.

Use of the Lowest PF Rate in such event shall apply to Monetary Benefit provided in accordance with section 4(c)(1).”

- (i) New sections 4(c)(4), 4(c)(5), 4(c)(6), and 4(c)(7) as follows are added to the Settlement Agreement:

**“(4) Deferral of Monetary Benefit for Fiscal Year 2003”**

The monthly amount of Monetary Benefit to be paid to PGE pursuant to the preceding provisions of this section 4(c) during the period February 2003 through September 2003 shall be reduced by the Monthly Deferral Amount. The Monthly Deferral Amount shall be added to the Deferral Account as of the date of such Monthly Deferral Amount is deducted from the Monetary Benefit. As of September 30, 2003, the cumulative amount of such reductions that have occurred and have been added to the Deferral Account is \$10,638,160.

**(5) Calculation of Interest on the Deferral Account**

Interest on amounts in the Deferral Account shall accrue at an annual rate of 3.01 percent, compounded monthly.

**(6) Repayment of Deferral Account**

- (A) The amount in the Deferral Account shall either be paid to PGE by BPA as Monetary Benefit pursuant to section 4(c)(6)(B) below or waived by PGE as an

obligation to be paid by BPA as Monetary Benefit pursuant to section 4(c)(6)(C) below.

- (B) For each month beginning October 1, 2003, and continuing through September 30, 2004, the following monthly amounts of SN CRAC Reduction shall be paid by BPA to PGE as Monetary Benefit:

<b>Month</b>	<b>SN CRAC Reduction</b>
October 2003	\$663,241
November 2003	\$774,142
December 2003	\$793,357
January 2004	\$736,040
February 2004	\$681,840
March 2004	\$666,401
April 2004	\$588,937
May 2004	\$577,491
June 2004	\$632,327
July 2004	\$759,366
August 2004	\$897,091
September 2004	\$794,198

Such monthly amounts of SN CRAC Reduction shall be subtracted from the Deferral Account as of the date each such monthly amount of SN CRAC Reduction is paid to PGE.

- (C) PGE agrees to waive any obligation of BPA to pay as a Monetary Benefit the remaining amount in the Deferral Account as of the date the SN CRAC Reduction for September 2004 has been paid by BPA to PGE.

**(7) Impact of Assignment of Benefits on Deferral of Monetary Benefit for Fiscal Year 2003 and the Repayment of the Deferral Account**

If PGE is required to assign benefits pursuant to section 8 after October 1, 2003, a share of the Monthly Deferral Amounts and of BPA's repayment obligation in section 4(c)(6)(B) shall be assigned to BPA pursuant to section 8(b)(2) or section 8(d) as applicable."

- (j) Section 6 of the Settlement Agreement is deleted and replaced by the following:

**“6. PASSTHROUGH OF BENEFITS**

- (a) Except as otherwise provided in this Agreement, Firm Power, and Monetary Benefit amounts received by PGE from BPA under this Agreement shall be passed through, in full, to all residential and small farm consumers, as either: (1) an adjustment in applicable retail rates; (2) monetary payments; or (3) as otherwise directed by the applicable State regulatory authority.
- (b) Monetary payments shall be distributed to the Residential Load in a timely manner, as set forth in this section 6(b). The amount of benefits held in the account described in section 6(c) below shall not at any time exceed an amount equal to the greater of: (1) the expected receipts of monetary payments from BPA under this Agreement over the next 36 months, or (2) the receipts of monetary payments from BPA under this Agreement over the immediately preceding 36 months; *provided, however*, that any amount of benefits held in such account shall be distributed to the Residential Load no later than April 1, 2012. References in this Agreement to monetary payments mean monetary payments, whether with respect to Monetary Benefit or cash payment. If the annual monetary payment is less than \$600,000, then PGE may distribute benefits on a less frequent basis provided that distributions are made at least once each Contract Year.
- (c) Benefits shall be passed through consistent with procedures developed by PGE’s State regulatory authority. Such procedures shall address the maximum amount of benefits held in the account described in this section 6(c). Monetary Benefit and cash payments under section 5 shall be identified on PGE’s books of account. Funds shall be held in an interest bearing account, and shall be maintained as restricted funds, unavailable for the operating or working capital needs of PGE. Benefits shall not be pooled with other monies of PGE for short-term investment purposes. Firm Power shall be delivered monthly, and only to Residential Load.
- (d) Nothing in this Agreement shall require that any power be delivered on an unbundled basis to residential and small farm customers of PGE or that PGE provide retail wheeling of such power.”

- (k) Section 14(b) of the Settlement Agreement is deleted in its entirety.
- (l) A new Exhibit C (Determination of Forward Flat-Block Price Forecast for Contract Years 2007 through 2011) is attached hereto and made a part of the Settlement Agreement.
- (m) A new Exhibit D (Annual Deferral Amounts and Monthly Deferral Amounts) is attached hereto and made a part of the Settlement Agreement.
- (n) Section 16(a) of Exhibit A to the Settlement Agreement (the Firm Block Sales Agreement, Contract No. 00PB-12167, PGE) is deleted and replaced by the following:

“Any rates adopted in WP-02 Final Rate Proposal, Administrator’s Final Record of Decision, or any rate adjustment thereto, are remanded to BPA for reconsideration by FERC or the Ninth Circuit Court of Appeals.”

### **3. OTHER PROVISIONS**

- (a) Contract No. 03PB-11267 (Agreement Regarding Fiscal Year 2003 Deferral Amount) is terminated as of the Effective Date;
- (b) For purposes of determining the Conservation and Renewables Discount for PGE’s Monetary Benefit under section 10 of the Settlement Agreement (and the terms specified in BPA’s applicable Wholesale Power Rate Schedules, including GRSPs), the forecasted amount of monthly Monetary Benefit to be paid to PGE shall be determined without regard to the reductions pursuant to 4(c)(4) of the Settlement Agreement or payments by BPA pursuant to section 4(c)(6) of the Settlement Agreement;
- (c) If a court of competent jurisdiction issues a final, nonappealable order after the Effective Date that holds that any provision of this Amendment No. 2 to be void, unenforceable, or unlawful, then the Parties agree to negotiate in good faith new provisions that will replace those held to be void, unenforceable, or unlawful with the objective of placing the Parties in the same financial situation as applied prior to such final, nonappealable order. If the Parties are unable to agree to mutually acceptable replacement terms, then the Parties intend that the provisions of the Settlement Agreement in effect on the day prior to the Effective Date shall apply and the provisions of this Amendment No. 2 shall have no further force and effect. The amounts of Monetary Benefit that would have otherwise been paid under the Agreement Regarding Fiscal Year 2003 Deferral Amount, plus interest at the rate specified in such agreement from the

date such amounts would have been paid until the date paid pursuant to this section, shall be paid to PGE within 30 days of such order; and

- (d) If a court of competent jurisdiction issues a final, nonappealable order after the Effective Date that holds that section 4(c) of the Settlement Agreement is void, unenforceable, or unlawful, then this Amendment No. 2 shall be void *ab initio*.

If the foregoing terms are acceptable, please sign both originals and return one original of this Amendment No. 2 to BPA. The remaining original is for your files.

ACCEPTED:

Sincerely,

**PORTLAND GENERAL ELECTRIC  
COMPANY**

By \_\_\_\_\_

Account Executive

Title \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

**Exhibit C**  
**DETERMINATION OF FORWARD FLAT-BLOCK PRICE FORECAST FOR**  
**CONTRACT YEARS 2007 THROUGH 2011**

**1. OVERVIEW**

The Forward Flat-Block Price Forecast (hereinafter referred to as “FBPF”), as defined in section 2(e)(2) of the body of this Agreement, as amended, is an integral part of the formula used to calculate monthly Monetary Benefit payments during each Contract Year 2007 through 2011. This Exhibit C establishes a procedure to determine the FBPF during each Contract Year 2007 through 2011.

**2. DEFINITIONS**

- (a) “Committee” means a committee composed of one BPA representative, one Participating PNW Investor-Owned Utility representative, and one PNW Public representative.
- (b) “Eligible Data Provider,” or “EDP,” means an entity that (1) routinely buys and sells bulk power for resale in the Pacific Northwest; (2) routinely produces Forward Price Data for use in risk accounting in the normal course of business; (3) is regularly audited by an outside accounting firm; and (4) has been selected by an affirmative vote by each representative on the Committee for inclusion on the list of EDPs and submitted to the QTP in accordance with section 5 of this Exhibit C.
- (c) “Firm Power” means the power product containing the following attributes: Power (i) that is pre-scheduled as firm energy consistent with the then current rules of the Western Electricity Coordinating Council or its successor, and (ii) for which the seller or the buyer is liable for liquidated damages for failure to deliver or receive, as applicable, unless such failure is due to an uncontrollable force or force majeure event. At this time, a power product that meets the above criteria is Western Systems Power Pool Agreement Service Schedule C firm energy.
- (d) “Forward Price Data” means the forward price routinely used by the EDP for risk accounting in the normal course of business for a flat block of Firm Power for delivery at the Mid-C trading hub for a Contract Year. Such forward price shall be the midpoint between the bid price and the offer price, if the EDP’s forward price curve shows both prices. If an EDP does not develop a single forward price for a flat block of Firm Power, but rather only develops a forward price for heavy load hour (“HLH”) and light load hour (“LLH”) Firm Power, then the QTP shall request such HLH and LLH forward prices and shall calculate the hourly weighted average of the two forward prices to determine the FBPF.
- (e) “Marketer” means an entity that sells bulk power for resale and has a market-based rate schedule on file with the Federal Energy Regulatory



Commission (FERC), and is not a PNW Investor-Owned Utility, a PNW Public, or BPA.

- (f) “Mid-C” means the trading hub located in eastern Washington that is commonly recognized by EDPs and other industry participants as the Mid-C trading hub.
- (g) “PNW Investor-Owned Utility” means each of the following investor-owned utilities (and its investor-owned utility successors and assigns) that serves residential and small farm customers in the Pacific Northwest: Puget Sound Energy, Inc., PacifiCorp, Portland General Electric Company, Avista Corporation, Idaho Power Company, and NorthWestern Energy Division of NorthWestern Corporation. “Participating PNW Investor-Owned Utilities” means PGE and all other PNW Investor-Owned Utilities that have executed an agreement that includes provisions equivalent to this Exhibit.
- (h) “PNW Public” means a Pacific Northwest public or people’s utility district, municipality, or cooperative that is entitled to preference and priority under the provisions of the Bonneville Project Act.
- (i) “Qualified Third Party,” or “QTP,” means a third party that has extensive expertise in the electric power industry, including experience in auditing FAS 133 (or its successor) compliance and risk accounting for publicly reporting entities in the electric power industry, and is selected by BPA in accordance with section 4 of this Exhibit C.
- (j) “Replacement Information Event” means (1) sufficient Forward Price Data as described in this Exhibit C is unobtainable for any reason, or (2) fewer than six entities (i) are on the list of EDPs, (ii) are willing and able to provide Forward Price Data, and (iii) have not been excluded pursuant to section 5.

### **3. COMMITTEE**

- (a) The BPA representative will be selected by the Vice President, Bulk Marketing & Transmission Services or that person’s successor. The PNW Public representative will be selected by the Public Power Council Executive Committee or that Committee’s successor. The PNW Investor-Owned Utility representative will be selected by agreement of PGE and the other Participating PNW Investor-Owned Utilities. If a representative on the Committee is replaced, then the new representative shall notify the other two representatives in writing of such replacement(s).
- (b) If a representative to the Committee has not been selected, the other representatives or representative shall provide written notice to the selecting entity that has not provided a representative of the need to select a representative for the Committee. If such entity does not appoint a representative within 30 days, the existing representatives of the Committee

shall be authorized to act on all matters of the Committee requiring an affirmative vote by each representative on the Committee.

- (c) All actions and determinations by the Committee shall be by affirmative vote of each representative on the Committee.

#### **4. QTP**

- (a) Before each Contract Year, BPA shall select a QTP from among the Big 4 Accounting Firms or a list of additional qualified parties as may be compiled and submitted to BPA by the Committee. Each addition of a qualified party to be included on such list and each removal of a party from such list will require an affirmative vote by each representative on the Committee. As used in this Exhibit, "Big 4 Accounting Firms" shall mean the four largest internationally recognized accounting firms, which currently include KPMG, Deloitte and Touche, PricewaterhouseCoopers, and Ernst & Young.
- (b) BPA will consult with the PNW IOU and the PNW Public representatives on the Committee prior to selecting the QTP. The initial QTP selected shall be retained for the first Contract Year only, with an option to extend for subsequent Contract Years. BPA shall pay the costs for services provided by the QTP.
- (c) If, after consulting with the Committee, BPA determines that the contract for the then-current QTP will not be extended, BPA will, upon advice of the Committee, replace the existing QTP. The Committee will consult and decide whether to add additional qualified parties to the list.
- (d) Each contract with the QTP shall include a requirement that: (1) the QTP maintain the confidentiality of the data collected from the EDPs except for making the data available to a reviewer selected under section 8, (2) the QTP shall maintain the Forward Price Data it has collected under its contract until September 30, 2011, (3) the QTP shall submit, in writing, for resolution by the Committee, consistent with the purpose and requirements of this Exhibit C, any question it may have regarding the determination of the FBPF under section 6, and (4) the QTP shall, not later than 60 days prior to its first survey under section 6(a), provide the Committee and each of the Participating PNW Investor-Owned Utilities a sample calculation of FBPF using hypothetical data.
- (e) All contracts and communications between BPA and the QTP with respect to the determination of the FBPF shall be shared promptly with the Committee and each of the Participating PNW Investor-Owned Utilities.

#### **5. EDPs**

- (a) Following the selection of the QTP by BPA, the Committee shall develop a list of EDPs and submit such list to the QTP. Each EDP included on such list

will require an affirmative vote by each representative on the Committee. If possible, such list will contain at least 10 EDPs, and, if possible, each survey by the QTP will include at least two PNW Publics, two PNW Investor-Owned Utilities, and two Marketers. Such list may be modified from time to time to (a) add EDPs that meet the criteria in section 2(b) above, or (b) remove EDPs that no longer satisfy the criteria specified in section 2(b) above, as determined by an affirmative vote by each representative on the Committee.

- (b) In addition, if any EDP submits Forward Price Data two or more times during any period of four consecutive quarters and more than 50 percent of such submittals by such EDP are (pursuant to section 6(b) of this Exhibit) excluded as being the highest or lowest Forward Price Data and such excluded Forward Price Data for any such quarter differs from the Quarterly FBPF for such quarter by more than 5 percent, the QTP shall, for the next four quarters following such period, not include such EDP in the selection for its surveys.

## **6. DETERMINATION OF FBPF FOR EACH CONTRACT YEAR**

- (a) For each Contract Year, the QTP will randomly select six to eight EDPs separately for each of four consecutive quarters, the first of which commences 21 months prior to the beginning of such Contract Year and the last of which ends 9 months prior to such Contract Year, from the list of EDPs provided to it by the Committee. The QTP will then survey the EDPs that have been selected. If there are fewer than six EDPs on the list willing and able (and not excluded under section 5(b)) to provide Forward Price Data, then the QTP will ask the Committee to add EDPs to such list. If the Committee is unable to do so, and there are still fewer than six EDPs on the list willing and able to provide Forward Price Data, then the QTP will survey all of the EDPs on such list (excluding any EDP that has been excluded pursuant to section 5(b) above) until such time as there are at least six EDPs on such list. The QTP will notify the Committee and each of the Participating PNW Investor-Owned Utilities in writing if an EDP chooses not to participate in future surveys. The QTP will ask each selected EDP to provide Forward Price Data for such Contract Year as of a date randomly selected separately for each EDP by the QTP during each such quarter; *provided, however*, that such date shall have occurred prior to date of request by the QTP.
- (b) Following the completion of each quarterly survey conducted pursuant to section 6(a) above, the QTP shall exclude the highest and lowest Forward Price Data from the EDPs surveyed during each such quarter. The QTP shall then calculate the arithmetic mean of the remaining Forward Price Data amounts to determine that quarter's FBPF (the "Quarterly FBPF") for such Contract Year.
- (c) Following the completion of the four quarterly surveys identified in section 6(a) above, the QTP shall calculate the arithmetic mean of the four Quarterly FBPFs. The result of this calculation will be the FBPF that will be

used for such Contract Year, and the QTP shall promptly report such FBPF to the Committee and each of the Participating PNW Investor-Owned Utilities.

**7. EDP AGREEMENT**

BPA, each of the Participating PNW Investor-Owned Utilities, and each EDP shall be required to sign an agreement (hereinafter referred to as “EDP Agreement”) which shall include without limitation the following provisions:

- (a) For each EDP, an affirmation by an executive officer of the EDP that the EDP is an active market participant in wholesale power markets of the Pacific Northwest, that the EDP routinely produces Forward Price Data in the normal course of business, that the process for producing such Forward Price Data is routinely audited by an outside certified public accounting firm, that the Forward Price Data is used in the normal course of business, and that such Forward Price Data has been validated by (1) the mid-office, e.g., Chief Risk Officer, or equivalent, or (2) the back-office, e.g., Chief Financial Officer, or equivalent;
- (b) A specification of the information to be provided as described in this Exhibit C which shall include without limitation power product definition, delivery point, contract period, and use of mid-point;
- (c) Subject to section 7(g) below, each EDP shall be required to keep confidential the dates on which it was surveyed and the Forward Price Data that it provided;
- (d) A release of liability for each EDP from the consequences of any use of surveyed Forward Price Data;
- (e) Each EDP will consent to an agreed upon procedure described in section 8 below to verify that the Forward Price Data provided to the QTP was the same Forward Price Data routinely used by the EDP for risk accounting in the normal course of business;
- (f) The term of the EDP Agreement; and
- (g) Forward Price Data will be made available to an independent reviewer and verifier on a confidential basis, for review and verification purposes only pursuant to section 8.

**8. REVIEW PROVISIONS**

- (a) **Verification of Use of Forward Price Data Provided by EDPs**
  - (1) Not later than 90 days after each Contract Year, the PNW Public representative on the Committee or any of the Participating PNW Investor-Owned Utilities or BPA may request a review of the Forward

Price Data provided by each surveyed EDP to the QTP for that Contract Year for the purpose of verifying that the Forward Price Data provided by the EDP to the QTP was the same Forward Price Data routinely used by such EDP for risk accounting in the normal course of business. Collectively, only one review may be requested by the PNW Public representative on the Committee, BPA, and the Participating PNW Investor-Owned Utilities for any Contract Year;

- (2) The review shall be conducted by one of the Big 4 Accounting Firms (“Reviewer”), unless otherwise agreed to by BPA and the Participating PNW Investor-Owned Utilities; *provided, however* that any such review shall not be conducted by the QTP;
- (3) For purposes of this section, a review is defined as “Agreed Upon Procedures” described in section 8(a)(4) below and performed in accordance with the standards established by the American Institute of Certified Public Accountants;
- (4) The Agreed Upon Procedures shall be limited to the Reviewer verifying through review of internal documents for each EDP that the Forward Price Data provided by the EDP to the QTP was the same Forward Price Data routinely used by such EDP for risk accounting in the normal course of business. The Agreed Upon Procedures shall not include any form of general audit of the EDP’s books, records, or documents. EDP methods for determining Forward Price Data, accounting policies or procedures, management decisions, activities or authorities, or any decisions related to Forward Price Data shall not be included in any such Agreed Upon Procedures and shall not be subject to dispute;
- (5) The representative or entity requesting a review will be responsible for the costs associated with the review in accordance with the Agreed Upon Procedures and for the execution of a confidentiality agreement with the Reviewer consistent with the provisions of this section 8(a); and
- (6) The agreement with the Reviewer will require the Reviewer to maintain the confidentiality of all entity-specific information provided by the EDPs in the review. The Reviewer will report to the entity requesting the review only the number of EDPs that were surveyed each quarter for the Contract Year covered by the review and the identity of any EDP where the Forward Price Data provided to the QTP for a quarter was not the same Forward Price Data routinely used by the EDP for risk accounting in the normal course of business. The representative or entity requesting the review shall promptly share such report with the Committee and each of the Participating PNW Investor-Owned Utilities.

**(b) Verification of QTP Calculations**

- (1) Not later than 90 days after each Contract Year, the PNW Public representative on the Committee, any of the Participating PNW Investor-Owned Utilities, or BPA may request a review to verify the procedures and calculations used by the QTP under this Exhibit C to determine the FBPF for each such Contract Year;
- (2) The review shall be conducted by one of the Big 4 Accounting Firms (“Verifier”), unless otherwise agreed to by BPA and the Participating PNW Investor-Owned Utilities; *provided, however* that any such review shall not be conducted by the QTP;
- (3) For purposes of this section, a review is defined as “Agreed Upon Procedures” described in section 8(b)(4) below and performed in accordance with the standards established by the American Institute of Certified Public Accountants;
- (4) The Agreed Upon Procedures shall be limited to verification of the procedures required in section 6(a) were followed and the calculations required by sections 6(b) and 6(c) were performed correctly;
- (5) The representative or entity requesting a review will be responsible for the costs associated with the review in accordance with the Agreed Upon Procedures and for the execution of a confidentiality agreement with the Verifier consistent with the provisions of this section 8(a); and
- (6) The agreement with the Verifier will require the Verifier to maintain the confidentiality of all entity-specific information provided by the EDPs in the review. The Verifier will report to the entity requesting the review its analysis whether the procedures for section 6(a) were followed and its analysis of the correct calculations for section 6(b) and section 6(c). The representative or entity requesting the review shall promptly share such report with the Committee and each of the Participating PNW Investor-Owned Utilities.

**9. REPLACEMENT INFORMATION EVENT**

If BPA, or any of the Participating PNW Investor-Owned Utilities gives written notice to each of the others that it has concluded that a Replacement Information Event has occurred and describes the circumstances that give rise to such conclusion, then BPA, and the Participating PNW Investor-Owned Utilities shall endeavor to agree upon whether such Replacement Information Event has occurred. If such parties agree, then such parties shall endeavor to agree upon a reasonable and reliable substitute source of information that can be expected to reasonably closely replicate the same Forward Price Data as would have been developed under this Exhibit C in the absence of any Replacement Information Event. If and to the extent such parties are unable to agree (i) that a Replacement Information Event

has occurred, or (ii) on a substitute source of information, then the disputed matter shall be settled by arbitration under the procedures set forth in section 11 of the body of this Agreement with BPA acting as one party in the arbitration and the Participating PNW Investor-Owned Utilities acting as the other party in the arbitration (including the selection of arbitrators). BPA and the Participating PNW Investor-Owned Utilities agree to be bound by the result of such arbitration as described in section 11 of the body of this Agreement. Prior to reaching agreement that a Replacement Information Event has occurred, and again prior to reaching agreement on a substitute source of information to remedy a Replacement Information Event, BPA shall consult with the PNW Public representative on the Committee. Such consultation shall include a discussion regarding whether a Replacement Information Event has occurred, and if so, a discussion regarding the alternatives being considered, and the alternative BPA believes most closely replicates the same Forward Price Data as would have been developed under this Exhibit C in the absence of any Replacement Information Event. Subsequent to the selection of the arbitrators for an arbitration pursuant to this section 9, PNW Publics may intervene in such arbitration and participate as a single intervenor party in the conduct of such arbitration, with the same rights and obligations of any other party in such arbitration (including being subject to an apportionment of the costs of such arbitration). In resolving any dispute regarding a Replacement Information Event, the arbitrators shall select, from among the alternative solutions presented, the alternative that most closely replicates the same Forward Price Data as would have been developed under this Exhibit C prior to any Replacement Information Event. Any substitute source of information developed pursuant to this section 9 shall only apply prospectively.

**Exhibit D**  
**ANNUAL DEFERRAL AMOUNT AND**  
**MONTHLY DEFERRAL AMOUNTS**

**1. ANNUAL DEFERRAL AMOUNT**

<u>Contract Year</u>	<u>Annual Deferral Amount</u>
2003	<b>\$10,638,160</b>

**2. MONTHLY DEFERRAL AMOUNTS**

<u>Contract Year 2003</u>	<u>Monthly Deferral Amount</u>
February 2003	<b>\$1,329,770</b>
March 2003	<b>\$1,329,770</b>
April 2003	<b>\$1,329,770</b>
May 2003	<b>\$1,329,770</b>
June 2003	<b>\$1,329,770</b>
July 2003	<b>\$1,329,770</b>
August 2003	<b>\$1,329,770</b>
September 2003	<b>\$1,329,770</b>