



March 24, 2006

VIA ELECTRONIC FILING

Oregon Public Utility Commission
550 Capitol Street NE, Ste 215
Salem, OR 97301-2551

Attn: Vikie Bailey-Goggins, Administrator
Regulatory and Technical Support

Re: PacifiCorp's Supplemental Testimony and Exhibit in Phase II of Docket No. UM-1129

Enclosed for filing is an original and 5 copies of PacifiCorp's Supplemental Testimony and Exhibit in Phase II of Docket UM-1129. Copies of this filing have been served on the UM-1129 Service List.

It is respectfully requested that all formal correspondence and staff requests regarding this matter be addressed to:

By E-mail (preferred): datarequest@pacificorp.com.


By Fax: (503) 813-6060

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah, Suite 800
Portland, OR 97232

With copies to: Katherine A. McDowell
Stoel Rives LLP
900 S.W. Fifth Ave., Suite 2600
Portland, OR 97204
Telephone Nos. (503) 294-9602
Fax No. (503) 220-2480
Email: kamcdowell@stoel.com

Informal inquiries may be directed to Laura Beane, Regulatory Manager at (503) 813-5542.

Very truly yours,


Andrea L. Kelly
Vice President, Regulation

cc: Service List
Enclosures

CERTIFICATE OF SERVICE

I hereby certify that on this 24th day of March 2006, I caused to be served, via overnight delivery and or electronic mail, a true and correct copy of PacifiCorp's Supplemental Testimony and Exhibit in Phase II of Docket No. UM-1129

SARAH J. ADAMS LIEN
COUNSEL FOR PACIFICORP
900 SW FIFTH AVE. STE 2600
PORTLAND, OR 97204-1268
sjadamslien@stoel.com

RANDY ALLPHIN
IDAHO POWER COMPANY
P.O. BOX 70
BOISE, ID 83707-0070
rallphin@idahopower.com

R. THOMAS BEACH
CROSSBORDER ENERGY
2560 NINTH ST – STE 316
BERKELEY, CA 94710
tomb@crossborderenergy.com

LOWREY R. BROWN
CITIZENS' UTILITY BOARD OF OREGON
610 SW BROADWAY – STE 308
PORTLAND, OR 97205
lowrey@oregoncub.org

BRIAN COLE
DIRECTOR, GOVT.&COMMUNITY RELATIONS
SYMBIOTICS, LLC
P.O. BOX 1088
BAKER CITY, OR 97814
bc@orbisgroup.org

RANDY CROCKET
CFO
D R JOHNSON LUMBER COMPANY
P.O. BOX 66
RIDDLE, OR 97469
randyc@drjlumber.com

CAREL DE WINKEL
OREGON DEPARTMENT OF ENERGY
625 MARION STREET NE
SALEM OR 07310
carel.dewinkel@state.or.us

ELIZABETH DICKSON
HURLEY, LYNCH & RE, PC
747 SW MILLVIEW WAY
BEND, OR 97702
eadickson@hhlr-law.com

JOHN M. ERIKSSON

MARK ALBERT
MARKETING & REGULATORY AFFAIRS
VULCAN POWER COMPANYH
1183 NW WALL ST. STE G
BEND, OR 97701
malbert@vulcanpower.com

MICK BARANKO
CONTROLLER
DOUGLAS COUNTY FOREST PRODUCTS
P.O. BOX 848
WINCHESTER, OR 97495
mick@dcfp.com

KARL BOKENKAMP
GENERAL MANAGER-POWER SUPPLY PLANNING
P.O. BOX 70
BOISE, ID 83707-0070
kbokenkamp@idahopower.com

JOANNE M. BUTLER
IDAHO POWER COMPANY
P.O. BOX 70
BOISE, ID 83707-0070
jbutler@idahopower.com

BRUCE CRAIG
ASCENTERGY CORP
440 BENMAR DR. STE 2230
HOUSTON, TX 77060
bcraig@asc-co-com

CHRIS CROWLEY
100 E 19TH STE 400
VANCOUVER, WA. 98663
ccrowley@comumbiaep.com

CRAIG DEHART
MIDDLEFORK IRRIGATION DISTRICT
PO BOX 291
PARKDALE OR 97041
mfidcraig@gorge.net

JASON EISDORFER
CITIZENS' UTILITY BOARD OF OREGON
610 SW BROADWAY STE 308
PORTLAND, OR 97205
Jason@oregoncub.org

RANDALL J. FALKENBERG

STOEL RIVES LLP
201 SOUTH MAIN ST.
SALT LAKE CITY, UT 84111
jmeriksson@stoel.com

JOHN R. GALE
IDAHO POWER COMPANY
P.O. BOX 70
BOISE, ID 83707-0070
rgale@idahopower.com

THOMAS M. GRIM
CABLE HUSTON BENEDICT ET AL
1001 SW FIFTH AVE. STE 2000
PORTLAND, OR 97204-1136
tgrim@chbh.com

STEVEN C. JOHNSON
CENTRAL OREGON IRRIGATION DISTRICT
2598 NORTH HIGHWAY 97
REDMOND, OR 97756
stevej@coid.org

MATTHEW W. PERKINS
DAVISON VAN CLEVE PC
1000 SW BROADWAY STE 2460
PORTLAND OR 97205
mwp@dvclaw.com

ALAN MEYER
WEYERHAEUSER COMPANY
698 12TH ST. STE 220
SALEM, OR 97301-4010
Alan.meyer@weyerhaeuser.com

THOMAS H. NELSON
THOMAS H. NELSON & ASSOCIATES
825 NE MULTNOMAH STE 925
PORTLAND, OR 97232

PORTLAND GENERAL ELECTRIC COMPANY
121 SW SALMON ST. 1WTC0702
PORTLAND, OR 97204
Pge.opuc.filings@pgn.com

PETER J. RICHARDSON
RICHARDSON & O'LEARY
PO BOX 1849
99 E STATE ST - STE 200
EAGLE ID 83616
peter@richardsonandoleary.com

IRION SANGER
DAVISON VAN CLEVE
333 SW TAYLOR STE 400
PORTLAND, OR 97204
ias@dvclaw.com

MARK TALLMAN

RFI CONSULTING, INC.
PMB 362
8351 ROSWELL ROAD
ATLANTA, GA 30350
consultrfi@aol.com

J. RICHARD GEORGE
PORTLAND GENERAL ELECTRIC COMPANY
121 SW SALMON ST
PORTLAND OR 97204
richard_george@pgn.com

DAVID HAWK
J. R. SIMPLOT COMPANY
PO BOX 27
BOISE ID 83707
david.hawk@simplot.com

BARTON KLINE
IDAHO POWER COMPANY
P.O. BOX 70
BOISE, ID 83707-0070

JANET L. PREWITT
DEPARTMENT OF JUSTICE
1162 COURT ST NE
SALEM OR 97301-4096
janet.prewitt@doj.state.or.us

MONICA B. MOEN
IDAHO POWER COMPANY
P.O. BOX 70
BOISE, ID 83707-0070
mmoen@idahopower.com

LISA F. RACKNER
ATER WYNNE LLP
222 SW COLUMBIA ST. STE 1800
PORTLAND, OR 97201-6618
lfr@aterwynne.com

DON READING
6070 HILL ROAD
BOISE, ID 83703
dreading@mindspring.com

S. BRADLEY VAN CLEVE
DAVISON VAN CLEVE PC
1000 SW BROADWAY STE 2460
PORTLAND OR 97205
mail@dvclaw.com

LISA SWARTZ
PUBLIC UTILITY COMMISSION OF OREGON
P.O. BOX 2148
SALEM, OR 97308-2148
Lisa.c.schwartz@state.or.us

MICHAEL YOUNGBLOOD

MANAGING DIRECTOR, TRADING
PACIFICORP
825 MULTNOMAH STE 600
PORTLAND, OR 97232-2153
Mark.tallman@pacificorp.com

MICHAEL T WEIRICH
DEPARTMENT OF JUSTICE
1162 COURT ST NE
SALEM OR 97301-4096
michael.weirich@state.or.us

LAURA BEANE
PACIFIC POWER & LIGHT
825 NE MULTNOMAH STE 800
PORTLAND OR 97232
laura.beane@pacificorp.com

PAUL WOODIN
WESTERN WIND POWER
282 LARGENT LANE
GOLDENDALE, WA 98620-3519
pwoodin@gorge.net

GLENN IKEMOTO
OREGON WINDFARMS LLC
672 BLAIR AVENUE
PIEDMONT, CA 94611
glenni@pacbell.net

IDAHO POWER COMPANY
P.O. BOX 70
BOISE, ID 83707
myoungblood@idahopower.com

BRUCE A. WITTMANN
WEYERHAEUSER
P.O. BOX 9777
FEDERAL WAY, WA 98063-9777
Bruce.wittmann@weyerhaeuser.com

LINDA K WILLIAMS
ATTORNEY AT LAW
10266 SW LANCASTER RD
PORTLAND OR 97219-6305

TOM YARBOROUGH
WEYERHAEUSER COMPANY
MAIL STOP CH 1K32
P.O. BOX 9777
FEDERAL WAY, WA 98063-9777



Peggy Ryan
Supervisor Regulatory Administration

Case UM-1129
Exhibit PPL/405
Witness: Bruce W. Griswold

BEFORE THE PUBLIC UTILITY COMMISSION
OF THE STATE OF OREGON

PACIFICORP

Supplemental Testimony of Bruce W. Griswold

Phase II
Revised Off-System Power Purchase Agreement

March 2006

1 **Q. Please state your name, business address and position with PacifiCorp (the**
2 **Company).**

3 A. My name is Bruce W. Griswold. My business address is 825 N. E. Multnomah,
4 Suite 600, Portland, Oregon 97232. I am a Manager in the Origination section of
5 the Company's Commercial and Trading ("C&T") Department.

6 **Q. Have you previously testified in this proceeding?**

7 A. Yes. I provided rebuttal testimony for Phase I issues and direct testimony for
8 Phase II issues.

9 **PURPOSE OF TESTIMONY**

10 **Q. What is the purpose of your supplemental testimony?**

11 A. The purpose of this testimony is to introduce a revised off-system power purchase
12 agreement (PPA) in place of the off-system PPA filed previously with my Phase I
13 rebuttal testimony as Exhibit PPL/403. A red-lined version of the revised
14 standard form off-system PPA now proposed by the Company, showing the
15 changes to PPL/403, is attached as Exhibit PPL/406.

16 **Q. Please describe the differences between those two off-system PPAs.**

17 A. The most significant modifications made to the PPA were to change the minimum
18 settlement period in Addendum W from one day to one month, and, consistent
19 with that change, to revise the metering provisions (Section 8 of the PPA) to
20 eliminate the need for real-time metering and telemetry. Also, there were various
21 corrections and revisions made to align the settlement period and more accurately
22 reflect the manner in which the off-system deliveries and purchases will occur.

1 **Q. Is your rebuttal testimony still applicable to the revised off-system PPA?**

2 A. Yes, although the references to the one day settlement period would now be one
3 month, and the PPA no longer requires telemetry or real-time metering to
4 complete validation for payment under the monthly settlement period.

5 **Q. Why is the Company now proposing the revised off-system PPA?**

6 A. After the filing of Exhibit PPL/403, discussions with parties led to a proposal to
7 change the minimum settlement period to one month. The Company agreed to the
8 proposal, modified the PPA accordingly, and circulated it to the parties. Sherman
9 County/Simplot, the party which proposed the one month settlement period and
10 appeared to have the most interest in arriving at an acceptable off-system PPA,
11 found the revised PPA acceptable as to the off-system provisions. We believe the
12 revised agreement is a reasonable standard form for use with QFs that have a
13 nameplate capacity no larger than 10 MW and fitting the off-system configuration
14 described in the PPA.

15 **Q. Does this conclude your supplemental testimony?**

16 A. Yes it does.

Case UM-1129
PPL Exhibit 406
Witness: Bruce W. Griswold

BEFORE THE PUBLIC UTILITY COMMISSION
OF THE STATE OF OREGON

PACIFICORP

Exhibit Accompanying Supplement Testimony of Bruce W. Griswold

Phase II
Red-Lined Version of Revised Standard Form Off-System PPA

March 2006

POWER PURCHASE AGREEMENT

BETWEEN

[an Off-System Qualifying Facility (New or Existing) located in non-PacifiCorp Control Area, interconnecting to non-PacifiCorp system, with 10MW Facility Capacity Rating, or Less, and uninterruptible transmission to the Point of Delivery]

AND

PACIFICORP

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POWER PURCHASE AGREEMENT

THIS POWER PURCHASE AGREEMENT (“**Agreement**”), entered into this ____ day of _____, 20____, is between _____, “**Seller**” and PacifiCorp (d/b/a Pacific Power & Light Company), an Oregon corporation acting in its regulated utility capacity, “**PacifiCorp**.” (Seller and PacifiCorp are referred to individually as a “**Party**” or collectively as the “**Parties**”).

RECITALS

A. **[New QFs Only:]** Seller intends to construct, own, operate and maintain a _____ [state type of facility] facility for the generation of electric power, including interconnection facilities, located in _____ [City, County, State] with a Facility Capacity Rating of _____ -kilowatts (kW) as further described in Exhibit A and Exhibit B (“Facility”); and

A. **[Existing QFs Only:]** Seller owns, operates, and maintains a _____ [state type of facility] facility for the generation of electric power, including interconnection facilities, located in _____ [City, County, State] with a Facility Capacity Rating of _____ kilowatts (kW) as ~~further~~further described in **Exhibit A and Exhibit B (“Facility”)**; and

B. Seller intends to commence delivery of Net Output under this Power Purchase Agreement, for the purpose of Start-up Testing, on _____, 20____ (“**Scheduled Initial Delivery Date**”); and

C. Seller intends to operate the Facility as a Qualifying Facility, commencing commercial operations on _____, 20____ (“**Scheduled Commercial Operation Date**”); and

D. Seller estimates that the average annual Net Energy to be delivered by the Facility to PacifiCorp is _____ kilowatt-hours (kWh), which amount of energy PacifiCorp will include in its resource planning; and

E. Seller shall sell and PacifiCorp shall purchase all Net Output from the Facility in accordance with the terms and conditions of this Agreement; and

F. This Agreement is a “New QF Contract” under the PacifiCorp Inter-Jurisdictional Cost Allocation Revised Protocol.

G. Seller intends to transmit Net Output to PacifiCorp via transmission facilities operated by a third party, and PacifiCorp intends to accept scheduled firm delivery of Seller’s Net

Output, under the terms of this Agreement, including the Generation Scheduling Addendum attached as **Addendum W** and incorporated contemporaneously herewith.

AGREEMENT

NOW, THEREFORE, the Parties mutually agree as follows:

SECTION 1: DEFINITIONS

When used in this Agreement, the following terms shall have the following meanings:

- 1.1 **"As-built Supplement"** shall be a supplement to **Exhibit A** and **Exhibit B**, provided by Seller following completion of construction of the Facility, describing the Facility as actually built.
- 1.2 **"Average Annual Generation"** shall have the meaning set forth in Section 4.2.
- 1.3 **"Billing Period"** means calendar months.
- 1.4 **"Commercial Operation Date"** means the date that the Facility is deemed by PacifiCorp to be fully operational and reliable, which shall require, among other things, that all of the following events have occurred:
 - 1.4.1 PacifiCorp has received a certificate addressed to PacifiCorp from a Licensed Professional Engineer stating (a) the Facility Capacity Rating of the Facility at the anticipated Commercial Operation Date; and (b) that the Facility is able to generate electric power reliably in amounts required by this Agreement and in accordance with all other terms and conditions of this Agreement;
 - 1.4.2 The Facility has completed Start-Up Testing (applies to new Facilities and new upgrades only);
 - 1.4.3 PacifiCorp has received a certificate addressed to PacifiCorp from an attorney in good standing in the State of Oregon stating that Seller has obtained all Required Facility Documents (Facilities over 200 kW only) and, if requested by PacifiCorp, in writing, has provided copies of any or all such requested Required Facility Documents.
 - 1.4.4 Seller has complied with the security requirements of Section 10.
- 1.5 **"Commission"** means the Oregon Public Utilities Commission.
- 1.6 **"Contract Price"** means the applicable price for Net Output stated in Sections 5.1 and 5.2.
- 1.7 **"Contract Year"** means a twelve (12) month period commencing at 00:00 hours Pacific Prevailing Time ("PPT") on January 1 and ending on 24:00 hours PPT on December 31; *provided, however*, that the first Contract Year shall commence on the Commercial Operation Date and end on the next succeeding December 31, and the last Contract Year shall end on the Termination Date.

1.8 “**Credit Requirements**” means a long-term credit rating (corporate or long-term senior unsecured debt) of (1) “Baa3” or greater by Moody’s, or (2) “BBB-” or greater by S&P, or such other indicia of creditworthiness acceptable to PacifiCorp in its reasonable judgment.

1.9 “**Default Security**”, unless otherwise agreed to by the Parties in writing, means the amount of either a Letter of Credit or cash placed in an escrow account sufficient to replace twelve (12) average months of replacement power costs over the term of this Agreement, and shall be calculated by taking the average, over the term of this Agreement, of the positive difference between (a) the monthly forward power prices at _____[specify POD] (as determined by PacifiCorp in good faith using information from a commercially reasonable independent source), multiplied by 110%, minus (b) the average of the Fixed Avoided Cost Prices specified in Schedule 37, and multiplying such difference by (c) the Minimum Annual Delivery; provided, however, the amount of Default Security shall in no event be less than the amount equal to the payments PacifiCorp would make for three (3) average months based on Seller’s average monthly volume over the term of this Agreement and utilizing the average Fixed Avoided Cost Prices specified in Schedule 37. Such amount shall be fixed at the Effective Date of this Agreement.

1.10 “**Effective Date**” shall have the meaning set forth in Section 2.1.

1.11 “**Energy Delivery Schedule**” shall have the meaning set forth in Section 4.5.

1.12 “**Excess Output**” shall mean any increment of Net Output ~~delivered~~produced at a rate, on an hourly basis, exceeding the Facility Capacity Rating.

1.13 “**Facility**” shall have the meaning set forth in Recital A.

1.14 “**Facility Capacity Rating**” means the sum of the Nameplate Capacity Ratings for all generators comprising the Facility.

1.15 “**FERC**” means the Federal Energy Regulatory Commission, or its successor.

1.16 “**Generation Scheduling Addendum**” means **Addendum W**, the portion of this Agreement providing for the measurement, scheduling, and delivery of Net Output from the Facility to the Point of Delivery via a non-PacifiCorp transmission provider.

1.17 “**Interconnected Utility**” means _____, the operator of the electric utility system at the Point of Interconnection.

1.18 “**Interconnection Agreement**” means the agreement (or contemporaneous agreements) between Seller and the Interconnected Utility governing interconnection of Seller’s Facility at the Point of Interconnection and associated use of the Interconnected Utility’s system.

1.19 “**Letter of Credit**” means an irrevocable standby letter of credit, from an institution that has a long-term senior unsecured debt rating of “A” or greater from S&P or “A2” or greater from Moody’s, in a form reasonably acceptable to PacifiCorp, naming PacifiCorp as the party entitled to demand payment and present draw requests thereunder.

1.20 **"Licensed Professional Engineer"** means a person acceptable to PacifiCorp in its reasonable judgment who is licensed to practice engineering in the state of Oregon, who has no economic relationship, association, or nexus with the Seller, and who is not a representative of a consulting engineer, contractor, designer or other individual involved in the development of the Facility, or of a manufacturer or supplier of any equipment installed in the Facility. Such Licensed Professional Engineer shall be licensed in an appropriate engineering discipline for the required certification being made.

1.21 **"Material Adverse Change"** means the occurrence of any event of default under any material agreement to which Seller is a party and of any other development, financial or otherwise, which would have a material adverse effect on Seller, the Facility or Seller's ability to develop, construct, operate, maintain or own the Facility as provided in this Agreement

1.22 **"Maximum Annual Delivery"** shall have the meaning set forth in Section 4.3.

1.23 **"Minimum Annual Delivery"** shall have the meaning set forth in Section 4.3.

1.24 **"Nameplate Capacity Rating"** means the maximum generating capacity, as provided by the manufacturer, in kW, of any qualifying small power or cogeneration unit supplying all or part of the Facility's Net Output. Voluntary curtailment by Seller of a generating unit cannot reduce the Nameplate Capacity Rating of that unit.

1.25 **"Net Energy"** means the energy component, in kWh, of Net Output.

1.26 **"Net Output"** means all energy and capacity produced by the Facility, less station use and less transformation and transmission losses and other adjustments (e.g., Seller's load other than station use), if any, up to and including the Point of Interconnection. For purposes of calculating payment under this Agreement, Net Output of energy shall be the amount of energy flowing through the Point of Interconnection, less any station use not provided by the Facility.

1.27 **"Net Replacement Power Costs"** shall have the meaning set forth in Section 11.4.1.

1.28 **"Off-Peak Hours"** means all hours of the week that are not On-Peak Hours.

1.29 **"On-Peak Hours"** means the hours between 6 a.m. Pacific Prevailing Time ("PPT") and 10 p.m. PPT, Mondays through Saturdays, excluding all hours occurring on holidays as provided in Schedule 37.

1.30 **"Point of Delivery"** means the location in PacifiCorp's system where PacifiCorp has agreed to receive Seller's Net Energy, as specified in **Exhibit B**.

1.31 **"Point of Interconnection"** means the point of interconnection between Seller's Facility and the Transmitting Entity's system, if applicable, as specified in **Exhibit B**.

1.32 **"Prime Rate"** means the publicly announced prime rate for commercial loans to large businesses with the highest credit rating in the United States in effect from time to time quoted by Citibank, N.A. If a Citibank, N.A. prime rate is not available, the applicable Prime

Rate shall be the announced prime rate for commercial loans in effect from time to time quoted by a bank with \$10 billion or more in assets in New York City, New York, selected by the Party to whom interest based on the Prime Rate is being paid.

1.33 **"Prudent Electrical Practices"** means any of the practices, methods and acts engaged in or approved by a significant portion of the electrical utility industry or any of the practices, methods or acts, which, in the exercise of reasonable judgment in the light of the facts known at the time a decision is made, could have been expected to accomplish the desired result at the lowest reasonable cost consistent with reliability, safety and expedition. Prudent Electrical Practices is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods or acts.

1.34 **"QF"** means **"Qualifying Facility,"** as that term is defined in the FERC regulations (codified at 18 CFR Part 292) in effect on the Effective Date.

1.35 **"Replacement Price"** means the price at which PacifiCorp, acting in a commercially reasonable manner, purchases for delivery at the Point of Delivery a replacement for any Net Output that Seller is required to deliver under this Agreement plus (i) costs reasonably incurred by PacifiCorp in purchasing such replacement Net Output, and (ii) additional transmission charges, if any, reasonably incurred by PacifiCorp in causing replacement energy to be delivered to the Point of Delivery. If PacifiCorp elects not to make such a purchase, the Replacement Price shall be the market price at the Mid-Columbia trading hub for such energy not delivered, plus any additional cost or expense incurred as a result of Seller's failure to deliver, as determined by PacifiCorp in a commercially reasonable manner (but not including any penalties, ratcheted demand or similar charges).

1.36 **"Required Facility Documents"** means all licenses, permits, authorizations, and agreements, including an Interconnection Agreement and Transmission Agreement(s), necessary for construction, operation and maintenance of the Facility, and delivery of Facility output, consistent with the terms of this Agreement. The Required Facility Documents are set forth in **Exhibit C**.

1.37 **"Schedule 37"** means the Schedule 37 of Pacific Power & Light Company's Commission-approved tariffs, providing pricing options for Qualifying Facilities of 10,000 kW or less, which is in effect on the Effective Date of this Agreement. A copy of that Schedule 37 is attached as **Exhibit F**.

1.38 **"Scheduled Commercial Operation Date"** shall have the meaning set forth in Recital C.

1.39 **"Scheduled Initial Delivery Date"** shall have the meaning set forth in Recital B.

1.40 **"Start-Up Testing"** means the completion of required factory and start-up tests as set forth in **Exhibit E** hereto.

1.41 **"Termination Date"** shall have the meaning set forth in Section 2.4.

1.42 “**Transmission Agreement**” means the agreement (or contemporaneous agreements) between Seller and the Transmitting Entity providing for Seller’s uninterrupted right to transmit Net Output to the Point of Delivery.

1.43 “**Transmitting Entity(s)**” means _____, the (non-PacifiCorp) operator of the transmission system at the Point of Delivery.

SECTION 2: TERM; COMMERCIAL OPERATION DATE

2.1 This Agreement shall become effective after execution by both Parties (“**Effective Date**”).

2.2 **Time is of the essence for this Agreement**, and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to deliver Net Output by the Scheduled Commercial Operation Date is critically important. Therefore,

2.2.1 By _____, Seller shall provide PacifiCorp with a copy of an executed Interconnection Agreement and an executed Transmission Agreement, which shall be consistent with all material terms and requirements of this Agreement.

2.2.2 Upon completion of construction, Seller, in accordance with Section 6.1, shall provide PacifiCorp with an As-built Supplement acceptable to PacifiCorp;

2.2.3 By the date thirty (30) days after the Effective Date, Seller shall provide Default Security required under Sections 10.1 or 10.2, as applicable.

2.3 Seller shall cause the Facility to achieve Commercial Operation on or before the Scheduled Commercial Operation Date. If Commercial Operation occurs after the Scheduled Commercial Operation Date, Seller shall be in default, and liable for delay damages specified in Section 11.

2.4 Except as otherwise provided herein, this Agreement shall terminate on _____ [enter Date that is no later than 20 years after the Scheduled Initial Delivery Date] (“**Termination Date**”).

SECTION 3: REPRESENTATIONS AND WARRANTIES

3.1 PacifiCorp represents, covenants, and warrants to Seller that:

3.1.1 PacifiCorp is duly organized and validly existing under the laws of the State of Oregon.

3.1.2 PacifiCorp has the requisite corporate power and authority to enter into this Agreement and to perform according to the terms of this Agreement.

- 3.1.3 PacifiCorp has taken all corporate actions required to be taken by it to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
 - 3.1.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on PacifiCorp or any valid order of any court, or any regulatory agency or other body having authority to which PacifiCorp is subject.
 - 3.1.5 This Agreement is a valid and legally binding obligation of PacifiCorp, enforceable against PacifiCorp in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).
- 3.2 Seller represents, covenants, and warrants to PacifiCorp that:
- 3.2.1 Seller is a [corporation, partnership, or limited liability company] duly organized and validly existing under the laws of _____.
 - 3.2.2 Seller has the requisite power and authority to enter into this Agreement and to perform according to the terms hereof, including all required regulatory authority to make wholesale sales from the Facility.
 - 3.2.3 Seller has taken all actions required to authorize the execution, delivery and performance of this Agreement and the consummation of the transactions contemplated hereby.
 - 3.2.4 The execution and delivery of this Agreement does not contravene any provision of, or constitute a default under, any indenture, mortgage, or other material agreement binding on Seller or any valid order of any court, or any regulatory agency or other body having authority to which Seller is subject.
 - 3.2.5 This Agreement is a valid and legally binding obligation of Seller, enforceable against Seller in accordance with its terms (except as the enforceability of this Agreement may be limited by bankruptcy, insolvency, bank moratorium or similar laws affecting creditors' rights generally and laws restricting the availability of equitable remedies and except as the enforceability of this Agreement may be subject to general principles of equity, whether or not such enforceability is considered in a proceeding at equity or in law).

- 3.2.6 The Facility is and shall for the term of this Agreement continue to be a QF, and Seller will operate the Facility in a manner consistent with its FERC QF certification. Seller has provided to PacifiCorp the appropriate QF certification (which may include a FERC self-certification) prior to PacifiCorp's execution of this Agreement. At any time during the term of this Agreement, PacifiCorp may require Seller to provide PacifiCorp with evidence satisfactory to PacifiCorp in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements and, if PacifiCorp is not satisfied that the Facility qualifies for such status, a written legal opinion from an attorney who is (a) in good standing in the state of Oregon, and (b) who has no economic relationship, association or nexus with the Seller or the Facility, stating that the Facility is a QF and providing sufficient proof (including copies of all documents and data as PacifiCorp may request) demonstrating that Seller has maintained and will continue to maintain the Facility as a QF.
- 3.2.7 Additional Seller Creditworthiness Warranties. Seller need not post security under Section 10 for PacifiCorp's benefit in the event of Seller default, provided that Seller warrants all of the following:
- (a) Neither the Seller nor any of its principal equity owners is or has within the past two (2) years been the debtor in any bankruptcy proceeding, is unable to pay its bills in the ordinary course of its business, or is the subject of any legal or regulatory action, the result of which could reasonably be expected to impair Seller's ability to own and operate the Facility in accordance with the terms of this Agreement.
 - (b) Seller has not at any time defaulted in any of its payment obligations for electricity purchased from PacifiCorp.
 - (c) Seller is not in default under any of its other agreements and is current on all of its financial obligations.
 - (d) Seller owns, and will continue to own for the term of this Agreement, all right, title and interest in and to the Facility, free and clear of all liens and encumbrances other than liens and encumbrances related to third-party financing of the Facility.
 - (e) **[Applicable only to Sellers with a Facility having a Facility Capacity Rating greater than 3 MW]** Seller meets the Credit Requirements.

Seller hereby declares (Seller initial one only):

_____ Seller affirms and adopts all warranties of this Section 3.2.7, and therefore is not required to post security under Section 10; or

_____ Seller does not affirm and adopt all warranties of this Section 3.2.7, and therefore Seller elects to post the security specified in Section 10.

3.3 Notice. If at any time during this Agreement, any Party obtains actual knowledge of any event or information which would have caused any of the representations and warranties in this Section 3 to have been materially untrue or misleading when made, such Party shall provide the other Party with written notice of the event or information, the representations and warranties affected, and the action, if any, which such Party intends to take to make the representations and warranties true and correct. The notice required pursuant to this Section shall be given as soon as practicable after the occurrence of each such event.

SECTION 4: DELIVERY OF POWER

4.1 Commencing on the Commercial Operation Date, unless otherwise provided herein, Seller will sell and PacifiCorp will purchase all Net Output from the Facility delivered to the Point of Delivery.

4.2 Average Annual Generation. Seller estimates that the Facility will generate, on average, _____ kWh per Contract Year (“**Average Annual Generation**”). Seller may, upon at least six months prior written notice, modify the Average Annual Generation every other Contract Year.

4.3 Minimum and Maximum Delivery. Seller shall deliver (or cause to be delivered); from the Facility a minimum of _____ kWh of Net Output during each Contract Year, provided that such minimum for the first Contract Year shall be reduced *pro rata* to reflect the Commercial Operation Date, and further provided that such minimum delivered Net Output shall be reduced on a ~~pro rata~~*pro rata* basis for any periods during a Contract Year that the Facility was prevented from generating or delivering electricity for reasons of Force Majeure (“**Minimum Annual Delivery**”). Seller estimates, for informational purposes, that it will deliver from the Facility a maximum of _____ kWh of Net Output during each Contract Year (“**Maximum Annual Delivery**”). Seller’s basis for determining the Minimum and Maximum Annual Delivery amounts is set forth in **Exhibit D**.

4.4 Deliveries in Deficit of Delivery Obligation. Seller’s failure to deliver the Minimum Annual Delivery in any Contract Year (prorated if necessary) shall be a default, and Seller shall be liable for damages in accordance with Section 11.

4.5 Energy Delivery Schedule . Seller has provided a monthly schedule of Net Energy expected to be delivered by the Facility (“**Energy Delivery Schedule**”), incorporated into **Exhibit D**.

SECTION 5: PURCHASE PRICES

5.1 Seller shall have the option to select one of three pricing options: Fixed Avoided Cost Prices (“Fixed Price”), Gas Market Indexed Avoided Cost Prices (“Gas Market”), or Banded Gas Market Indexed Avoided Cost Prices (“Banded Gas Market”), as published in Schedule 37. Once an option is selected the option will remain in effect for the duration of the Facility’s contract. Seller has selected the following (Seller to initial one):

_____ Fixed Price
_____ Gas Market
_____ Banded Gas Market

A copy of Schedule 37, and a table summarizing the purchase prices under the pricing option selected by Seller, is attached as **Exhibit F**.

5.2 (Applies only to “Fixed Price” Contracts Greater than 15 Years). In the event Seller elects the Fixed Price payment method, PacifiCorp shall pay Seller the applicable On-Peak and Off-Peak rates specified in **Schedule 37** during the first fifteen (15) years after the Scheduled Initial Delivery Date. Thereafter, PacifiCorp shall pay Seller market-based rates, using the following pricing option (Seller to initial one):

_____ Gas Market
_____ Banded Gas Market

5.3 If the Seller elects a gas market indexed price option, the index shall be the Opal Gas Market Index as provided in Schedule 37. In the event that Platt ceases to publish the Opal Gas Market Index, the Company shall replace the index with a similar gas index.

5.4 PacifiCorp shall pay Seller the Off-peak Price for all Excess Output and for all Net Output delivered prior to the Commercial Operation Date. Such payment will be accomplished by adjustments pursuant to Section 9.2.

SECTION 6: OPERATION AND CONTROL

6.1 As-Built Supplement. Upon completion of construction of the Facility, Seller shall provide PacifiCorp an As-built Supplement to specify the actual Facility as built. The As-built Supplement must be reviewed and approved by PacifiCorp, which approval shall not unreasonably be withheld, conditioned or delayed. Seller shall not increase the Facility Capacity Rating above that specified in **Exhibit A** or increase the ability of the Facility to deliver Net Output in quantities in excess of the Facility Capacity Rating through any means including, but not limited to, replacement of, modification of, or addition to existing equipment, except with the written consent of PacifiCorp.

6.2 Seller shall operate and maintain the Facility in a safe manner in accordance with this Agreement, the Interconnection Agreement (~~if applicable~~), Prudent Electrical Practices and in accordance with the requirements of all applicable federal, state and local laws and the National Electric Safety Code as such laws and code may be amended from time to time. PacifiCorp shall have no obligation to purchase Net Output from the Facility to the extent the

interconnection between the Facility and the Point of Delivery is disconnected, suspended or interrupted, in whole or in part, pursuant to the Interconnection Agreement or Transmission Agreement(s), or to the extent generation curtailment is required as a result of Seller's non-compliance with the Interconnection Agreement or Transmission Agreement(s). PacifiCorp shall have the right to inspect the Facility to confirm that Seller is operating the Facility in accordance with the provisions of this Section 6.2 upon reasonable notice to Seller. Seller is solely responsible for the operation and maintenance of the Facility. PacifiCorp shall not, by reason of its decision to inspect or not to inspect the Facility, or by any action or inaction taken with respect to any such inspection, assume or be held responsible for any liability or occurrence arising from the operation and maintenance by Seller of the Facility.

6.3 Scheduled Outages. Seller may cease operation of the entire Facility or individual units, if applicable, for maintenance or other purposes. Seller shall exercise its best efforts to notify PacifiCorp of planned outages at least ninety (90) days prior, and shall reasonably accommodate PacifiCorp's request, if any, to reschedule such planned outage in order to accommodate PacifiCorp's need for Facility operation.

6.4 Unplanned Outages. In the event of an unscheduled outage or curtailment exceeding twenty-five (25) percent of the Facility Capacity Rating (other than curtailments due to lack of motive force), Seller immediately shall notify PacifiCorp of the necessity of such unscheduled outage or curtailment, the time when such has occurred or will occur and the anticipated duration. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled outage or curtailment, to limit the duration of such, and to perform unscheduled maintenance during Off-Peak hours.

SECTION 7: FUEL/MOTIVE FORCE

Prior to the Effective Date of this Agreement, Seller provided to PacifiCorp a fuel or motive force plan acceptable to PacifiCorp in its reasonable discretion and attached hereto as **Exhibit D-1**, together with a certification from a Licensed Professional Engineer to PacifiCorp attached hereto as **Exhibit D-2**, certifying that the implementation of the fuel or motive force plan can reasonably be expected to provide fuel or motive force to the Facility for the duration of this Agreement adequate to generate power and energy in quantities necessary to deliver the Minimum Annual Delivery set forth by Seller in Section 4.

SECTION 8: METERING AT THE POINT OF INTERCONNECTION

8.1 Metering shall be performed at the location and in a manner consistent with this Agreement, as specified in **Exhibit B**, and, Seller shall provide to PacifiCorp with the capability to determine remotely Facility Net Output in real time, metered Facility Net Output in hourly increments, and any other energy measurements required to administer this Agreement. If the Transmitting Entity requires Seller to telemeter data, PacifiCorp shall be entitled to receive the same data Seller provides to the Transmitting Entity, if such data is useful to PacifiCorp's administration of this Agreement. All quantities of energy purchased hereunder shall be adjusted to account for electrical losses, if any, between the point of metering and the Point of Interconnection. The loss adjustment shall be % of the kWh energy production recorded on the Facility output meter.

8.2 Seller shall pay for the installation, testing, and maintenance of any metering required by Section 8.1, and shall provide reasonable access to such meters. PacifiCorp shall ~~reasonably determine when and how to inspect, test~~ have reasonable access to inspection, testing, repair and replacement of the metering equipment. If any of the inspections or tests disclose a measurement error exceeding two percent (2%), either fast or slow, proper correction, based upon the inaccuracy found, shall be made of previous readings for the actual period during which the metering equipment rendered inaccurate measurements if that period can be ascertained. If the actual period cannot be ascertained, the proper correction shall be made to the measurements taken during the time the metering equipment was in service since last tested, but not exceeding three (3) Billing Periods, in the amount the metering equipment shall have been shown to be in error by such test. Any correction in billings or payments resulting from a correction in the meter records shall be made in the next monthly billing or payment rendered following the repair of the meter.

SECTION 9: BILLINGS, COMPUTATIONS, AND PAYMENTS

9.1 On or before the thirtieth (30th) day following the end of each Billing Period, PacifiCorp shall send to Seller payment for Seller's deliveries of Net Output to PacifiCorp, together with computations supporting such payment. PacifiCorp may offset any such payment to reflect amounts owing from Seller to PacifiCorp pursuant to this Agreement or any other agreement between the Parties.

9.2 Corrections. PacifiCorp shall have up to eighteen months to adjust any payment made pursuant to Section 9.1. In the event PacifiCorp determines it has overpaid Seller (for Excess Output or otherwise), PacifiCorp may adjust Seller's future payment accordingly in order to recapture any overpayment in a reasonable time.

9.3 Any amounts owing after the due date thereof shall bear interest at the Prime Rate plus two percent (2%) from the date due until paid; *provided, however*, that the interest rate shall at no time exceed the maximum rate allowed by applicable law.

SECTION 10: SECURITY

Unless Seller has adopted the creditworthiness warranties contained in Section 3.2.7, Seller must provide security (if requested by PacifiCorp) in the form of a cash escrow, letter of credit, senior lien, or step-in rights. Seller hereby elects to provide, in accordance with the applicable terms of this Section 10, the following security (Seller to initial one selection only):

- ☐ Cash Escrow
- ☐ Letter of Credit
- ☐ Senior Lien
- ☐ Step-in Rights
- ☐ Seller has adopted the Creditworthiness Warranties of Section 3.2.7.

[SKIP THIS SECTION 10.1 UNLESS SELLER SELECTED CASH ESCROW ALTERNATIVE]

10.1 Cash Escrow Security. Seller shall deposit in an escrow account established by PacifiCorp in a banking institution acceptable to both Parties, the Default Security. Such sum shall earn interest at the rate applicable to money market deposits at such banking institution from time to time. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

[SKIP THIS SECTION 10.2 UNLESS SELLER SELECTED LETTER OF CREDIT ALTERNATIVE]

10.2 Letter of Credit Security. Seller shall post and maintain in an amount equal to the Default Security: (a) a guaranty from a party that satisfies the Credit Requirements, in a form acceptable to PacifiCorp in its discretion, or (b) a Letter of Credit in favor of PacifiCorp. To the extent PacifiCorp receives payment from the Default Security, Seller shall, within fifteen (15) days, restore the Default Security as if no such deduction had occurred.

[SKIP THIS SECTION 10.3 UNLESS SELLER SELECTED SENIOR LIEN ALTERNATIVE]

10.3 Senior Lien. Before the Scheduled Commercial Operation Date, Seller shall grant PacifiCorp a senior, unsubordinated lien on the Facility and its assets as security for performance of this Agreement by executing, acknowledging and delivering a security agreement and a deed of trust or a mortgage, in a recordable form (each in a form satisfactory to PacifiCorp in the reasonable exercise of its discretion). Pending delivery of the senior lien to PacifiCorp, Seller shall not cause or permit the Facility or its assets to be burdened by liens or other encumbrances that would be superior to PacifiCorp's, other than workers', mechanics', suppliers' or similar liens, or tax liens, in each case arising in the ordinary course of business that are either not yet due and payable or that have been released by means of a performance bond posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

[SKIP THIS SECTION 10.4 UNLESS SELLER SELECTED STEP-IN RIGHTS ALTERNATIVE]

10.4 Step-in Rights (Operation by PacifiCorp Following Event of Default of Seller).

10.4.1 Prior to any termination of this Agreement due to an Event of Default of Seller, as identified in Section 11, PacifiCorp shall have the right, but not the obligation, to possess, assume control of, and operate the Facility as agent for Seller (in accordance with Seller's rights, obligations, and interest under this Agreement) during the period provided for herein. Seller shall not grant any person, other than the lending institution providing financing to the Seller for construction of the Facility ("Facility Lender"), a right to possess, assume control of, and operate the Facility that is equal to or superior to PacifiCorp's right under this Section 10.4.

10.4.2 PacifiCorp shall give Seller ten (10) calendar days notice in advance of the contemplated exercise of PacifiCorp's rights under this Section 10.4. Upon such notice, Seller shall collect and have available at a convenient, central location at the Facility all documents, contracts, books, manuals, reports, and records required to construct, operate, and maintain the Facility in accordance with Prudent Electrical Practices. Upon such notice, PacifiCorp, its employees, contractors, or designated third parties shall have the unrestricted right to enter the Facility for the purpose of constructing and/or operating the Facility. Seller hereby irrevocably appoints PacifiCorp as Seller's attorney-in-fact for the exclusive purpose of executing such documents and taking such other actions as PacifiCorp may reasonably deem necessary or appropriate to exercise PacifiCorp's step-in rights under this Section 10.4.

10.4.3 During any period that PacifiCorp is in possession of and constructing and/or operating the Facility, no proceeds or other monies attributed to operation of the Facility shall be remitted to or otherwise provided to the account of Seller until all Events of Default of Seller have been cured.

10.4.4 During any period that PacifiCorp is in possession of and operating the Facility, Seller shall retain legal title to and ownership of the Facility and PacifiCorp shall assume possession, operation, and control solely as agent for Seller.

(a) In the event PacifiCorp is in possession and control of the Facility for an interim period, Seller shall resume operation and PacifiCorp shall relinquish its right to operate when Seller demonstrates to PacifiCorp's reasonable satisfaction that it will remove those grounds that originally gave rise to PacifiCorp's right to operate the Facility, as provided above, in that Seller (i) will resume operation of the Facility in accordance with the provisions of this Agreement, and (ii) has cured any Events of Default of Seller which allowed PacifiCorp to exercise its rights under this Section 10.4.

(b) In the event that PacifiCorp is in possession and control of the Facility for an interim period, the Facility Lender, or any nominee or transferee thereof, may foreclose and take possession of and operate the Facility and PacifiCorp shall relinquish its right to operate when the Facility Lender or any nominee or transferee thereof, requests such relinquishment.

10.4.5 PacifiCorp's exercise of its rights hereunder to possess and operate the Facility shall not be deemed an assumption by PacifiCorp of any liability attributable to Seller. If at any time after exercising its rights to take possession of and operate the Facility PacifiCorp elects to return such possession and operation to Seller, PacifiCorp shall provide Seller with at least fifteen (15) calendar days advance notice of the date PacifiCorp

intends to return such possession and operation, and upon receipt of such notice Seller shall take all measures necessary to resume possession and operation of the Facility on such date.

10.5 As a condition to providing a Senior Lien or Step-in Rights, Seller shall, before the Scheduled Commercial Operation Date, post and maintain, in an amount reasonably determined by PacifiCorp, a Letter of Credit in favor of PacifiCorp, which PacifiCorp, during the term of this Agreement, can draw upon to satisfy amounts PacifiCorp might reasonably incur in order to satisfy environmental remediation requirements.

SECTION 11: DEFAULTS AND REMEDIES

11.1 Events of Default. The following events shall constitute defaults under this Agreement:

- 11.1.1 Breach of Material Term. Failure of a Party to perform any material obligation imposed upon that Party by this Agreement (including but not limited to failure by Seller to meet any deadline set forth in Section 2) or breach by a Party of a representation or warranty set forth in this Agreement.
- 11.1.2 Default on Other Agreements. Seller's failure to cure any default under any commercial or financing agreements or instrument (including the Interconnection Agreement and any Transmission Agreement) within the time allowed for a cure under such agreement or instrument.
- 11.1.3 Insolvency. A Party (a) makes an assignment for the benefit of its creditors; (b) files a petition or otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy or similar law for the protection of creditors, or has such a petition filed against it and such petition is not withdrawn or dismissed within sixty (60) days after such filing; (c) becomes insolvent; or (d) is unable to pay its debts when due.
- 11.1.4 Material Adverse Change. A Material Adverse Change has occurred with respect to Seller and Seller fails to provide such performance assurances as are reasonably requested by PacifiCorp, including without limitation the posting of additional Default Security, within thirty (30) days from the date of such request;
- 11.1.5 Delayed Commercial Operations. Seller's failure to achieve the Commercial Operation Date by the Scheduled Commercial Operation Date.
- 11.1.6 Underdelivery. Seller's failure to satisfy the minimum delivery obligation of Section 4.3.

11.2 Notice; Opportunity to Cure.

- 11.2.1 Notice. In the event of any default hereunder, the non-defaulting Party must notify the defaulting Party in writing of the circumstances indicating the default and outlining the requirements to cure the default.
- 11.2.2 Opportunity to Cure. A Party defaulting under Section 11.1.1 or 11.1.5 shall have thirty (30) days to cure after receipt of proper notice from the non-defaulting Party. This thirty (30) day period shall be extended by an additional ninety (90) days if (a) the failure cannot reasonably be cured within the thirty (30) day period despite diligent efforts, (b) the default is capable of being cured within the additional ninety (90) day period, and (c) the defaulting Party commences the cure within the original thirty (30) day period and is at all times thereafter diligently and continuously proceeding to cure the failure.
- 11.2.3 Seller Default Under Other Agreements. Seller shall cause any notices of default under any of its commercial or financing agreements or instruments to be sent by the other party to such agreements or instruments, or immediately forwarded, to PacifiCorp as a notice in accordance with Section 23.

11.3 Termination.

- 11.3.1 Notice of Termination. If a default described herein has not been cured within the prescribed time, above, the non-defaulting Party may terminate this Agreement at its sole discretion by delivering written notice to the other Party and may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement; provided, however that PacifiCorp shall not terminate for a default under Section 11.1.6 unless such default is material. The rights provided in Section 10 and this Section 11 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights. Further, the Parties may by mutual written agreement amend this Agreement in lieu of a Party's exercise of its right to terminate.
- 11.3.2 In the event this Agreement is terminated because of Seller's default and Seller wishes to again sell Net Output to PacifiCorp following such termination, PacifiCorp in its sole discretion may require that Seller shall do so subject to the terms of this Agreement, including but not limited to the Contract Price, until the Termination Date (as set forth in Section 2.4). At such time Seller and PacifiCorp agree to execute a written document ratifying the terms of this Agreement.
- 11.3.3 Damages. If this Agreement is terminated as a result of Seller's default, Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the sum of the Replacement Price for the Minimum Annual Delivery that Seller was otherwise obligated to provide for a period of twenty-four (24) months from the date of termination plus any cost incurred for transmission purchased to deliver

the replacement power to the Point of Delivery, and the estimated administrative cost to the utility to acquire replacement power. Amounts owed by Seller pursuant to this paragraph shall be due within five (5) business days after any invoice from PacifiCorp for the same.

11.3.4 If this Agreement is terminated because of Seller's default, PacifiCorp may foreclose upon any security provided pursuant to Section 10 to satisfy any amounts that Seller owes PacifiCorp arising from such default.

11.4 Damages.

11.4.1 Failure to Deliver Net Output. In the event of Seller default under Subsection 11.1.5 or Subsection 11.1.6, then Seller shall pay PacifiCorp the positive difference, if any, obtained by subtracting the Contract Price from the Replacement Price for any energy and capacity that Seller was otherwise obligated to provide during the period of default ("**Net Replacement Power Costs**").

11.4.2 Recoupment of Damages.

- (a) Default Security Available. If Seller has posted Default Security, PacifiCorp may draw upon that security to satisfy any damages, above.
- (b) Default Security Unavailable. If Seller has not posted Default Security, or if PacifiCorp has exhausted the Default Security, PacifiCorp may collect any remaining amount owing by partially withholding future payments to Seller over a reasonable period of time, which period shall not be less than the period over which the default occurred. PacifiCorp and Seller shall work together in good faith to establish the period, and monthly amounts, of such withholding so as to avoid Seller's default on its commercial or financing agreements necessary for its continued operation of the Facility.

SECTION 12: INDEMNIFICATION AND LIABILITY

12.1 Indemnities.

12.1.1 Indemnity by Seller. Seller shall release, indemnify and hold harmless PacifiCorp, its directors, officers, agents, and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with (a) the energy delivered by Seller under this Agreement to and at the Point of Delivery, (b) any facilities on Seller's side of the Point of Delivery, (c) Seller's operation and/or maintenance of the Facility, or (d) arising from this Agreement, including without limitation any loss, claim, action or suit, for or on

account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property belonging to PacifiCorp, Seller or others, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of PacifiCorp, its directors, officers, employees, agents or representatives.

12.1.2 Indemnity by PacifiCorp. PacifiCorp shall release, indemnify and hold harmless Seller, its directors, officers, agents, Lenders and representatives against and from any and all loss, fines, penalties, claims, actions or suits, including costs and attorney's fees, both at trial and on appeal, resulting from, or arising out of or in any way connected with the energy delivered by Seller under this Agreement after the Point of Delivery, including without limitation any loss, claim, action or suit, for or on account of injury, bodily or otherwise, to, or death of, persons, or for damage to, or destruction or economic loss of property, excepting only such loss, claim, action or suit as may be caused solely by the fault or gross negligence of Seller, its directors, officers, employees, agents, Lenders or representatives.

12.2 No Dedication. Nothing in this Agreement shall be construed to create any duty to, any standard of care with reference to, or any liability to any person not a Party to this Agreement. No undertaking by one Party to the other under any provision of this Agreement shall constitute the dedication of that Party's system or any portion thereof to the other Party or to the public, nor affect the status of PacifiCorp as an independent public utility corporation or Seller as an independent individual or entity.

12.3 No Consequential Damages. EXCEPT TO THE EXTENT SUCH DAMAGES ARE INCLUDED IN THE LIQUIDATED DAMAGES, DELAY DAMAGES, COST TO COVER DAMAGES OR OTHER SPECIFIED MEASURE OF DAMAGES EXPRESSLY PROVIDED FOR IN THIS AGREEMENT, NEITHER PARTY SHALL ~~NOT~~ BE LIABLE TO THE OTHER PARTY FOR SPECIAL, PUNITIVE, INDIRECT, EXEMPLARY OR CONSEQUENTIAL DAMAGES, WHETHER SUCH DAMAGES ARE ALLOWED OR PROVIDED BY CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, STATUTE OR OTHERWISE.

SECTION 13: INSURANCE (FACILITIES OVER 200KW ONLY)

13.1 Certificates. Prior to connection of the Facility to PacifiCorp's electric system, or another utility's electric system, Seller shall secure and continuously carry insurance in compliance with the requirements of this Section. Seller shall provide PacifiCorp insurance certificate(s) (of "ACORD Form" or the equivalent) certifying Seller's compliance with the insurance requirements hereunder. Commercial General Liability coverage written on a "claims-made" basis, if any, shall be specifically identified on the certificate. If requested by PacifiCorp, a copy of each insurance policy, certified as a true copy by an authorized representative of the issuing insurance company, shall be furnished to PacifiCorp.

13.2 Required Policies and Coverages. Without limiting any liabilities or any other obligations of Seller under this Agreement, Seller shall secure and continuously carry with an

insurance company or companies rated not lower than "A-:VII" by the A.M. Best Company the insurance coverage specified below:

13.2.1 Commercial General Liability insurance, to include contractual liability, with a minimum single limit of \$1,000,000 to protect against and from all loss by reason of injury to persons or damage to property based upon and arising out of the activity under this Agreement.

13.2.2 All Risk Property insurance providing coverage in an amount at least equal to the full replacement value of the Facility against "all risks" of physical loss or damage, including coverage for earth movement, flood, and boiler and machinery. The Risk policy may contain separate sub-limits and deductibles subject to insurance company underwriting guidelines. The Risk Policy will be maintained in accordance with terms available in the insurance market for similar facilities.

13.3 The Commercial General Liability policy required herein shall include i) provisions or endorsements naming PacifiCorp, its Board of Directors, Officers and employees as additional insureds, and ii) cross liability coverage so that the insurance applies separately to each insured against whom claim is made or suit is brought, even in instances where one insured claims against or sues another insured.

13.4 All liability policies required by this Agreement shall include provisions that such insurance is primary insurance with respect to the interests of PacifiCorp and that any other insurance maintained by PacifiCorp is excess and not contributory insurance with the insurance required hereunder, and provisions that such policies shall not be canceled or their limits of liability reduced without 1) ten (10) days prior written notice to PacifiCorp if canceled for nonpayment of premium, or 2) thirty (30) days prior written notice to PacifiCorp if canceled for any other reason.

13.5 Insurance coverage provided on a "claims-made" basis shall be maintained by Seller for a minimum period of five (5) years after the completion of this Agreement and for such other length of time necessary to cover liabilities arising out of the activities under this Agreement.

SECTION 14: FORCE MAJEURE

14.1 As used in this Agreement, "**Force Majeure**" or "**an event of Force Majeure**" means any cause beyond the reasonable control of the Seller or of PacifiCorp which, despite the exercise of due diligence, such Party is unable to prevent or overcome. By way of example, Force Majeure may include but is not limited to acts of God, fire, flood, storms, wars, hostilities, civil strife, strikes, and other labor disturbances, earthquakes, fires, lightning, epidemics, sabotage, restraint by court order or other delay or failure in the performance as a result of any action or inaction on behalf of a public authority which by the exercise of reasonable foresight such Party could not reasonably have been expected to avoid and by the exercise of due diligence, it shall be unable to overcome, subject, in each case, to the requirements of the first sentence of this paragraph. Force Majeure, however, specifically excludes the cost or availability of fuel or motive force resources to operate the Facility or

changes in market conditions that affect the price of energy or transmission. If either Party is rendered wholly or in part unable to perform its obligation under this Agreement because of an event of Force Majeure, that Party shall be excused from whatever performance is affected by the event of Force Majeure to the extent and for the duration of the event of Force Majeure, after which such Party shall re-commence performance of such obligation, provided that:

14.1.1 the non-performing Party, shall, within two (2) weeks after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and

14.1.2 the suspension of performance shall be of no greater scope and of no longer duration than is required by the event of Force Majeure; and

14.1.3 the non-performing Party uses its best efforts to remedy its inability to perform.

14.2 No obligations of either Party which arose before the Force Majeure causing the suspension of performance shall be excused as a result of the event of Force Majeure.

14.3 Neither Party shall be required to settle any strike, walkout, lockout or other labor dispute on terms which, in the sole judgment of the Party involved in the dispute, are contrary to the Party's best interests.

14.4 PacifiCorp may terminate the Agreement if Seller fails to remedy Seller's inability to perform, due to an event of Force Majeure, within six months after the occurrence of the event.

SECTION 15: SEVERAL OBLIGATIONS

Nothing contained in this Agreement shall ever be construed to create an association, trust, partnership or joint venture or to impose a trust or partnership duty, obligation or liability between the Parties. If Seller includes two or more parties, each such party shall be jointly and severally liable for Seller's obligations under this Agreement.

SECTION 16: CHOICE OF LAW

This Agreement shall be interpreted and enforced in accordance with the laws of the State of Oregon, excluding any choice of law rules which may direct the application of the laws of another jurisdiction.

SECTION 17: PARTIAL INVALIDITY

It is not the intention of the Parties to violate any laws governing the subject matter of this Agreement. If any of the terms of the Agreement are finally held or determined to be invalid, illegal or void as being contrary to any applicable law or public policy, all other terms of the Agreement shall remain in effect. If any terms are finally held or determined to be invalid, illegal or void, the Parties shall enter into negotiations concerning the terms affected by such decision for the purpose of achieving conformity with requirements of any applicable law and the intent of the Parties to this Agreement.

SECTION 18: WAIVER

Any waiver at any time by either Party of its rights with respect to a default under this Agreement or with respect to any other matters arising in connection with this Agreement must be in writing, and such waiver shall not be deemed a waiver with respect to any subsequent default or other matter.

SECTION 19: GOVERNMENTAL JURISDICTIONS AND AUTHORIZATIONS

This Agreement is subject to the jurisdiction of those governmental agencies having control over either Party or this Agreement. Seller shall at all times maintain in effect all local, state and federal licenses, permits and other approvals as then may be required by law for the construction, operation and maintenance of the Facility, and shall provide upon request copies of the same to PacifiCorp.

SECTION 20: REPEAL OF PURPA

This Agreement shall not terminate upon the repeal of the PURPA, unless such termination is mandated by federal or state law.

SECTION 21: SUCCESSORS AND ASSIGNS

This Agreement and all of the terms hereof shall be binding upon and inure to the benefit of the respective successors and assigns of the Parties. No assignment hereof by either Party shall become effective without the written consent of the other Party being first obtained and such consent shall not be unreasonably withheld, conditioned or delayed. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent to a lender as part of a financing transaction or as part of (a) a sale of all or substantially all of the assigning Party's assets, or (b) a merger, consolidation or other reorganization of the assigning Party.

SECTION 22: ENTIRE AGREEMENT

22.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PacifiCorp's purchase of Net Output from the Facility. No modification of this Agreement shall be effective unless it is in writing and signed by both Parties.

22.2 By executing this Agreement, Seller releases PacifiCorp from any claims, known or unknown, that may have arisen prior to the Effective Date.

SECTION 23: NOTICES

23.1 All notices except as otherwise provided in this Agreement shall be in writing, shall be directed as follows and shall be considered delivered if delivered in person or when deposited in the U.S. Mail, postage prepaid by certified or registered mail and return receipt requested.

Notices	PacifiCorp	Seller
All Notices	PacifiCorp 825 NE Multnomah Street Portland, OR 97232 Attn: Contract Administration, Suite 600 Phone: (503) 813 - 5952 Facsimile: (503) 813 - 6291 Duns: 00-790-9013 Federal Tax ID Number: 93-0246090	
All Invoices:	(same as street address above) Attn: Back Office, Suite 600 Phone: (503) 813 - 5585 Facsimile: (503) 813 - 5580	
Scheduling:	(same as street address above) Attn: Resource Planning, Suite 600 Phone: (503) 813 - 6090 Facsimile: (503) 813 - 6265	
Payments:	(same as street address above) Attn: Back Office, Suite 600 Phone: (503) 813 - 5585 Facsimile: (503) 813 - 5580	
Wire Transfer:	To be provided in a separate letter to Seller <u>Bank One N.A.</u> <u>ABA:</u> <u>ACCT:</u> <u>NAME: PacifiCorp Wholesale</u>	
Credit and Collections:	(same as street address above) Attn: Credit Manager, Suite 1800 Phone: (503) 813 - 5684 Facsimile: (503) 813 - 5609	
With Additional Notices of an Event of Default or Potential Event of Default to:	(same as street address above) Attn: General Counsel. and Legal Counsel Phone: (503) 813-6266 and (801) 220-4568 Facsimile: (503) 813-7262 and (801) 220-3299	

23.2 The Parties may change the person to whom such notices are addressed, or their addresses, by providing written notices thereof in accordance with this Section 23.

SECTION 24: COMMISSION INVESTIGATION

The Seller and PacifiCorp acknowledge that the rates, terms and conditions specified in this Agreement and the related tariffs are being investigated by the Oregon Public Utility Commission. Upon a decision by the Oregon Public Utility Commission in the investigation,

PacifiCorp will notify the Seller within ten calendar days. The Seller shall have thirty calendar days from the effective date of the revised standard contract and tariffs complying with the Commission's order to amend this Agreement if the Seller so chooses to adopt the revised standard contract and/or the revised rates, terms and conditions in the tariff approved by the Oregon Public Utility Commission as a result of the investigation.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the date first above written.

PacifiCorp

Seller

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

EXHIBIT A
DESCRIPTION OF SELLER'S FACILITY

[Seller to Complete]

Seller's Facility consists of _____ generators manufactured by _____ . More specifically, each generator at the Facility is described as:

A. Manufacturer's Nameplate Data:

Type (synchronous or inductive):

Model:

Number of Phases:

Rated Output (kW):

Rated Output (kVA):

Rated Voltage (line to line):

Rated Current (A): Stator: _____ A; Rotor: _____ A

Power factor requirements:

Rated Power Factor (PF) or reactive load (kVAR):

B. Seller's Estimate of Facility Output Under Ideal (Maximum) or Worst (Minimum) Conditions

Maximum kW Output: _____ kW **Maximum kVA Output:** _____ kVA

Minimum kW Output: _____ kW

Manufacturer's Guaranteed Cut-in Wind Speed [if applicable]:

Facility Capacity Rating: _____ kW at _____

Identify the maximum output of the generator(s) and describe any differences between that output and the Nameplate Capacity Rating:

Station service requirements, and other loads served by the Facility, if any, are described as follows:

_____.

C: Location of the Facility: The Facility is to be constructed in the vicinity of _____ in _____ County, _____. The location is more particularly described as follows:

[legal description of parcel]

EXHIBIT B

SELLER'S INTERCONNECTION FACILITIES

[Seller to provide its own diagram and description]

POINT OF DELIVERY / SELLER'S INTERCONNECTION FACILITIES

Instructions to Seller:

1. Describe the point(s) of metering, including the type of meter(s), and the owner of the meter(s).
2. Provide single line diagram of Facility including station use meter, Facility output meter(s), Interconnection Facilities, Point of Interconnection,
3. Specify the Point of Delivery, and any transmission facilities on Seller's side of the Point of Delivery used to deliver Net Output.

EXHIBIT C
REQUIRED FACILITY DOCUMENTS

Interconnection Agreement, Transmission Agreement, QF Certification, and [others to be identified].

EXHIBIT D-1
SELLER'S MOTIVE FORCE PLAN

A. MONTHLY DELIVERY SCHEDULES AND SCHEDULED MAINTENANCE

Month	Average Energy (kWh)
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Seller provide an estimate of the average monthly Net Output of the Facility, and explain the basis for the estimate.

B. MINIMUM ANNUAL DELIVERY CALCULATION

Seller specify the Minimum Annual Delivery of the Facility, and explain the basis for the estimate. NOTE: The Minimum Annual Delivery should be based on the most adverse natural motive force conditions reasonably expected and should take into account unscheduled repairs or maintenance and Seller's load (if any).

C. MAXIMUM ANNUAL DELIVERY CALCULATION

Seller specify the estimated Maximum Annual Delivery of the Facility, and explain the basis for the estimate.

EXHIBIT D-2
ENGINEER'S CERTIFICATION
OF
MOTIVE FORCE PLAN

Seller provide a written declaration from a Licensed Professional Engineer to PacifiCorp that the Facility is likely capable under average conditions foreseeable during the term of this Agreement of meeting Seller's estimated average, maximum, and minimum Net Output.

EXHIBIT E

START-UP TESTING

Required factory testing includes such checks and tests necessary to determine that the equipment systems and subsystems have been properly manufactured and installed, function properly, and are in a condition to permit safe and efficient start-up of the Facility, which may include but are not limited to (as applicable): **[Seller identify appropriate tests]**

1. Pressure tests of all steam system equipment;
2. Calibration of all pressure, level, flow, temperature and monitoring instruments;
3. Operating tests of all valves, operators, motor starters and motor;
4. Alarms, signals, and fail-safe or system shutdown control tests;
5. Insulation resistance and point-to-point continuity tests;
6. Bench tests of all protective devices;
7. Tests required by manufacturer of equipment; and
8. Complete pre-parallel checks with PacifiCorp.

Required start-up tests are those checks and tests necessary to determine that all features and equipment, systems, and subsystems have been properly designed, manufactured, installed and adjusted, function properly, and are capable of operating simultaneously in such condition that the Facility is capable of continuous delivery into PacifiCorp's electrical system, which may include but are not limited to (as applicable):

1. Turbine/generator mechanical runs including shaft, vibration, and bearing temperature measurements;
2. Running tests to establish tolerances and inspections for final adjustment of bearings, shaft run-outs;
3. Brake tests;
4. Energization of transformers;
5. Synchronizing tests (manual and auto);
6. Stator windings dielectric test;
7. Armature and field windings resistance tests;
8. Load rejection tests in incremental stages from 5, 25, 50, 75 and 100 percent load;
9. Heat runs;
10. Tests required by manufacturer of equipment;
11. Excitation and voltage regulation operation tests;
12. Open circuit and short circuit; saturation tests;
13. Governor system steady state stability test;
14. Phase angle and magnitude of all PT and CT secondary voltages and currents to protective relays, indicating instruments and metering;
15. Auto stop/start sequence;
16. Level control system tests; and
17. Completion of all state and federal environmental testing requirements.

EXHIBIT F
SCHEDULE 37 and PRICING SUMMARY TABLE

ADDENDUM W

GENERATION SCHEDULING ADDENDUM

WHEREAS, Seller's Facility is not located within the control area of PacifiCorp;

WHEREAS, Seller's Facility will not interconnect directly to PacifiCorp's System;

WHEREAS, Seller and PacifiCorp have not executed, and will not execute, a Generation Interconnection Agreement in conjunction with the Power Purchase Agreement;

WHEREAS, Seller has elected to exercise its right under PURPA to deliver Net Output from its QF Facility to PacifiCorp via one (or more) Transmitting Entities.

WHEREAS, PacifiCorp desires that Seller schedule delivery of Net Output on a firm, hourly basis;

WHEREAS, PacifiCorp does not intend to buy, and Seller does not intend to deliver, more or less than Net Output from the Facility (except as expressly provided, below);

THEREFORE, Seller and PacifiCorp do hereby agree to the following, which shall become part of their Power Purchase Agreement:

DEFINITIONS

The meaning of the terms defined in the Power Purchase Agreement and this **Addendum W** shall apply to this Generation Scheduling Addendum:

"Day" means midnight to midnight, prevailing local time at the Point of Delivery, or any other mutually agreeable 24-hour period.

"Energy Imbalance Accumulation," or **"EIA,"** means the accumulated difference between Seller's Net Output and the energy actually delivered at the Point of Delivery. A positive accumulated difference indicates Seller's net delivery of Supplemented Output to PacifiCorp.

"Firm Delivery" means uninterruptible transmission service that is reserved and/or scheduled between the Point of Interconnection and the Point of Delivery pursuant to Seller's Transmission Agreement.

"Settlement Period" means one ~~Day~~month.

"Supplemented Output" means any increment of scheduled hourly ~~firm energy~~ or capacity delivered to the Point of Delivery in excess of the Facility's Net Output during that same hour.

"Surplus Delivery" means any ~~scheduled firm energy~~ delivered by the Facility in excess of hourly Net Output that is not offset by the ~~scheduled~~ delivery of ~~firm energy~~ in deficit of

ADDENDUM W-ctd.

hourly Net Output during the Settlement Period. PacifiCorp shall accept Surplus Delivery, but shall not pay for it.

SELLER'S OBLIGATIONS IN LIEU OF THOSE CONTAINED IN A GENERATION INTERCONNECTION AGREEMENT.

1. **Seller's Responsibility to Arrange for Delivery of Net Output to Point of Delivery.** Seller shall arrange for the Firm Delivery of Net Output to the Point of Delivery. Seller shall comply with the terms and conditions of the Transmission Agreement(s) between the Seller and the Transmitting Entity(s). Whenever Seller fails to provide for Firm Delivery of Net Output, all Net Output delivered via non-firm transmission rights shall be deemed Excess Output, and therefore subject to the payment provision in Section 5.4.
2. **Seller's Responsibility to Schedule Delivery.** Seller shall coordinate with the Transmitting Entity(s) to provide PacifiCorp with a schedule of the next Day's hourly scheduled Net Output deliveries at least 24 (twenty-four) hours prior to the beginning of the day being scheduled; *provided, however*, that a schedule provided on a Day before any non-Business Day shall include schedules for each day to and including the next Business day. The term "Business Day" shall have the meaning set forth in Pacific Power & Light's Schedule 37.
3. **Seller's Responsibility to Maintain Interconnection Facilities.** ~~Except for metering, as provided in Section 8.2,~~ PacifiCorp shall have no obligation to install or maintain any interconnection facilities on Seller's side of the Point of Interconnection. PacifiCorp shall not pay any costs arising from Seller interconnecting its Facility with the Transmitting Entity(s).
4. **Seller's Responsibility to Pay Transmission Costs.** Seller shall make all arrangements for, and pay all costs associated with, transmitting Net Output to PacifiCorp, scheduling energy into the PacifiCorp system and any other costs associated with delivering the Seller's Net Output to the Point of Delivery.
5. **Energy Reserve Requirements.** The Transmitting Entity shall provide all generation reserves as required by the WECC and/or as required by any other governing agency or industry standard to deliver the Net Energy to the Point of Delivery, at no cost to PacifiCorp.
6. **Seller's Responsibility to Report Net Output.** On or before the tenth (10th) day following the end of each Billing Period, Seller shall send a report documenting hourly station service, Excess Output, and Net Output from the Facility during the previous Billing Period, in columnar format substantially similar to the attached **Example 1**. If requested, Seller shall provide an electronic copy of the data used to calculate Net Output, in a standard format specified by PacifiCorp. For each day Seller is late delivering the certified report, PacifiCorp shall be entitled to postpone its payment deadline in Section 9 of this Power Purchase Agreement by one ~~Business Day~~ day. Seller hereby grants PacifiCorp the right to audit its certified reports of hourly Net Output. In the event of discovery of a billing error resulting in underpayment or overpayment, the Parties agree to limit recovery to a period of three years from the date of discovery.

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7. **Seller's Supplemental Representations and Warranties.** In addition to the Seller's representations and warranties contained in Section 3 of this Agreement, Seller warrants that:

- (a) Seller's Supplemented Output, if any, results from Seller's purchase of some form of energy imbalance ancillary service;
- (b) The Transmitting Entity(s) requires Seller to procure the service, above, as a condition of providing transmission service;
- (c) The Transmitting Entity requires Seller to schedule deliveries of Net Output in increments of no less than one (1) megawatt;
- (d) Seller is not attempting to sell PacifiCorp energy or capacity in excess of its Net Output; and
- (e) The energy imbalance service, above, is designed to correct a mismatch between energy scheduled by the QF and the actual real-time ~~deliveries~~production by the QF.

~~7.8.~~ **Seller's Right to Deliver Supplemented Output.** In reliance upon Seller's warranties in Section 5, above, PacifiCorp agrees to accept and pay for Supplemented Output; *provided, however, that* Seller agrees to achieve an EIA of zero (0) kilowatt-hours during On-Peak Hours and zero (0) kilowatt-hours during Off-Peak Hours at the end of each Settlement Period.

- (a) **Remedy for Seller's Failure to Achieve zero EIA.** In the event Seller does not achieve zero EIA at the end of each Settlement Period, PacifiCorp will declare any positive balance to be Surplus Delivery, and Seller's EIA will be reset to zero. PacifiCorp will include an accounting of Surplus Delivery in each monthly statement provided to Seller pursuant to Section 9.1 of this Agreement.
- (b) **Negative Energy Imbalance Accumulations.** Any negative EIA (indicating that the Transmitting Entity has delivered less than Seller's Net Output), will be reset to zero at the end of each Settlement Period without any corresponding compensation by PacifiCorp.
- (c) **PacifiCorp's Option to Change EIA Settlement Period.** In the event PacifiCorp reasonably determines that doing so likely will have a *de minimis* net effect upon the cost of Seller's Net Output to PacifiCorp, it may elect to enlarge the Settlement Period, up to a maximum of one Contract Year. Conversely, if PacifiCorp reasonably determines, based on the QF's performance during the current year, that reducing the Settlement Period likely will significantly lower the net cost of Seller's Net Output to PacifiCorp, it shall have the right to shorten Seller's EIA settlement period beginning the first day of the following Contract Year. However, in no case shall the Settlement Period be less than one Day. ~~In the event, a regional transmission organization ("RTO") or equivalent is formed and PacifiCorp is a participant, the EIA Settlement Period shall~~

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~~default to RTO's specified settlement period and any other scheduling conditions that could affect this Agreement~~month.

ADDENDUM W—Example 1

Example of Seller's Output Reporting Requirement

		A	B	C	D	E
		Meter Reading [⚡] at Point of Interconnection (MWh)	Meter reading at Station Power Meter* (MWh)	(=A-B)	Facility Capacity Rating (MW)	(=Max (0, C-D))
Day	Hour ending (HE)			Net Output (MWh)		Excess Output (MWh)
1	7:00	0.50	0.01	0.49	1.50	
1	8:00	0.50	0.02	0.48	1.50	
1	9:00	0.50	0.01	0.49	1.50	
1	10:00	0.50	0.01	0.49	1.50	
1	11:00	0.50	0.01	0.49	1.50	
1	12:00	1.60	0.01	1.59	1.50	0.09
1	13:00	1.70	0.01	1.69	1.50	0.19
1	14:00	1.60	0.01	1.59	1.50	0.09
1	15:00	1.50	0.01	1.49	1.50	
1	16:00	1.50	0.01	1.50	1.50	
1	17:00	1.50	0.00	1.50	1.50	
1	18:00	1.50	0.01	1.49	1.50	
1	19:00	0.50	0.02	0.48	1.50	
1	20:00	0.50	0.01	0.49	1.50	

[⚡] Seller shall show adjustment of Meter Reading may be in units of kWh but are shown in MWh for example purposes. Meter Reading shall be adjusted for losses, if any, between point of metering and the Point of Interconnection, in accordance with Section 8.1.

* Does not apply if Station Service is provided from the gross output of the Facility.

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Document 2	file://C:/Documents and Settings/jme358/Desktop/Phasell-Off System PPA-Revised.doc
Rendering set	Standard

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<u>Insertion</u>	
Deletion	
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Style change	
Format change	
Moved deletion	
Inserted cell	
Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

Statistics:		
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Moved to		0
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