

CON-011

Larson, Cheryl A - PS-6

From: Burbank, Nita M - PFP-6
Sent: Friday, May 09, 2008 1:35 PM
To: Larson, Cheryl A - PS-6
Subject: FW: Snohomish County PUD Comment Submittal - RD Contracts: Section 12, Metering
Attachments: Snohomish RD Templates Section 12 Metering comments to BPA 050808.doc

From: Munz, Paul [mailto:PGMunz@SNOPUD.com]
Sent: Friday, May 09, 2008 1:25 PM
To: Burbank, Nita M - PFP-6; Clarke Jr, Stuart H - PSW-SEATTLE
Cc: Miles, Anna; Kallstrom, Jeffrey
Subject: Snohomish County PUD Comment Submittal - RD Contracts: Section 12, Metering

Stuart and Nita,

Attached are the Snohomish County PUD No. 1 comments on Section 12, Metering for the Regional Dialogue Load Following, Block and Slice/Block contracts. If you have any questions, please feel free to call me.

Have a nice weekend!

Paul

Snohomish County PUD No. 1
Power Supply, Rates and Transmission Management
(425) 783-8465 (Office)
(425) 783-8640 (Fax)
(425) 238-2386 (Cell)
pgmunz@snopud.com

-----Original Message-----

From: Burbank, Nita M - PFP-6 [mailto:nmburbank@bpa.gov]
Sent: Friday, May 02, 2008 4:36 PM
Subject: Update on Contract Workshops

The contract workshop scheduled for Tuesday May 6 is canceled. There will be a Slice Contract Workshop on Wednesday, May 7, from 9 a.m. to 4 p.m., in the BPA Rates Hearing room. To participate by phone, please call Kim Brown at (503) 230-3639. We will let you know early next week about Thursday, May 8.

Some customers have asked whether BPA will extend the May 9 due date for customer comments regarding the draft templates that we released on April 7. It is important that any customers who are not already represented in the workshops provide comments by May 9 on any issues of particular concern so that we can ensure they are considered.

Attached below is a revision to the Metering Exhibit that was discussed at the April 30 customer workshop.
Please submit any additional comments by May 9 to your Power Services AE or to Nita Burbank.

I also have attached an updated schedule of workshops.

5/9/2008

Snohomish PUD No. 1 Comments on BPA Master Contract Template – Metering, Section 12

Include in **LOAD FOLLOWING** template:

- 12. METERING** (03/31/08 Version)
- 12. METERING** (03/26/08 Version)
- 12. METERING** (05/08/08 Version, by SNPD)

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(a) **Measurement** (03/30/08 Version)
«Customer Name» shall pay for the amount of power measured by the meters listed in Exhibit E, Metering, with the following exception: If the Parties agree that metering is economically or technologically impractical, then:

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- (1) ~~the Parties shall use scheduled amounts to measure the amount of power purchased if such power is scheduled into or out of «Customer Name»'s service territory; or~~
- (2) the Parties shall use mutually acceptable load profiles to measure the amount of power purchased if such power is not scheduled into or out of «Customer Name»'s service territory.

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Reviewer's Note: The Meter Usage Data Estimations provision of GRSPs will be developed prior to 2011. These provisions are currently contained in BPA billing procedures.

If the metering equipment associated with the meters listed in Exhibit E, Metering, fails to properly measure or record the interval readings, BPA will apply the procedure set out in the Meter Usage Data Estimations provision of the GRSPs to determine the appropriate billing adjustment.

(b) **BPA Owned Meters**
BPA shall operate, maintain, and replace, as necessary, all metering equipment owned by BPA that is needed to plan, schedule, and bill for power. BPA shall request authorization from «Customer Name» to install any metering equipment on «Customer Name»'s facilities that is reasonably necessary to forecast, plan, schedule, and bill for power. «Customer Name» will design and install all metering equipment at BPA's expense. «Customer Name» and BPA shall enter into a separate agreement addressing the location, access, maintenance, testing, and liability of the Parties with respect to such meters and new meters. (Note – there is not an agreement in place under the existing BPA Subscription contracts) For the purpose of implementing this provision, «Customer Name» shall grant BPA physical access to BPA owned meters at BPA's request, with reasonable advance notice. All meters shall meet American National Standard Institute standards, including, but not limited to C12.20, Electricity Meters—0.2 and 0.5 Accuracy Classes, and the Institute of Electrical and Electronics Engineers, Inc. standard C57.13, Requirements for Instrument

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Transformers, or their successors. Any new and replaced meters shall be able to record meter data hourly, store data for a minimum of 45 days, and be accessed remotely by «Customer Name». BPA shall give «Customer Name» direct, electronic access to meter data from all meters owned by BPA that are used for monthly billings. For the purpose of inspection, BPA shall grant «Customer Name» reasonable physical access to BPA meters at «Customer Name» request.

If, at any time, BPA or «Customer Name» determines that a BPA owned meter is defective or inaccurate, BPA shall adjust, repair, or replace the meter to provide accurate metering as soon as practical. «Customer Name» has the right to witness any meter tests on BPA owned meters. With reasonable advance notice to BPA, «Customer Name» may conduct tests on such meters. BPA shall have the right to witness any meter tests conducted by «Customer Name».

(c) **Non-BPA Owned Meters** *(03/24/08 Version)*

«Customer Name» shall operate, maintain, and replace, as necessary at «Customer Name»'s expense, all non-BPA metering equipment owned by «Customer Name» that is needed by BPA to forecast, plan, schedule, and bill for power for:

- (1) points of interconnection between «Customer Name»'s system and Parties other than BPA;
- (2) all loads that require separate measurement for purposes of forecasting, planning, scheduling, or billing for power; and
- (3) Generating Resources listed in Exhibit A, Net Requirements, that are interconnected to «Customer Name»'s system.

For non-BPA owned meters not owned by «Customer Name» needed by BPA to forecast, plan, schedule and bill for power, «Customer Name» shall arrange for such meters to be operated, maintained and replaced, as necessary, for the measurements described above in sections 12(c)(1) and 12(c)(2), and for any Generating Resources listed in Exhibit A, Net Requirements, that require metering.

All meters shall meet American National Standard Institute standards, including, but not limited to C12.20, Electricity Meters—0.2 and 0.5 Accuracy Classes, and the Institute of Electrical and Electronics Engineers, Inc. standard C57.13, Requirements for Instrument Transformers, or their successors. Any new and replaced meters shall be able to record meter data hourly, store data for a minimum of 45 days, and be accessed electronically. «Customer Name» shall give BPA direct, electronic access to meter data from all meters not owned by BPA that are capable of being accessed electronically. For the purpose of inspection, «Customer Name» shall

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grant BPA reasonable physical access to «Customer Name» meters at BPA's request.

If, at any time, BPA or «Customer Name» determines that a non-BPA owned meter is defective or inaccurate, «Customer Name» shall adjust, repair, or replace the meter to provide accurate metering as soon as practical. BPA has the right to witness any meter tests on non-BPA owned meters, and with reasonable advance notice, BPA may conduct tests on such meters. «Customer Name» shall have the right to witness any meter tests conducted by BPA.

(d) **Metering an NLSL (04/04/08 Version)**

«Customer Name» shall comply with and administer the metering of NLSLs, and for any large consumer loads for which BPA requests monitoring in aid of an NLSL determination, consistent with section 21(c)(4), Metering an NLSL.

(e) **Metering Exhibit and Revisions**

«Customer Name» shall provide meter data specified in section 14(b)(2), Information Exchange and Confidentiality, and shall notify BPA of any changes to Points of Delivery, Points of Metering, Interchange Points and related information for which it is responsible. BPA shall list «Customer Name»'s PODs and meters in Exhibit E, Metering. BPA may, in coordination with «Customer Name», revise the Metering exhibit to correctly reflect the Points of Delivery, Points of Metering, Interchange Points and related information, as required to operate under and to administer this Agreement.

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END LOAD FOLLOWING template.

*Include in **BLOCK** and **SLICE/BLOCK** templates:*

Reviewer's Note: The shaded text below is identical to that shown in the Load Following Template.

(a) **Scheduling and Metering**

«Customer Name» shall pay for the amount of power it schedules under this Agreement, except when the Parties agree that scheduling is economically or technologically impractical for a particular situation. In these cases, «Customer Name» shall pay for and install metering equipment that meets American National Standard Institute standards, including, but not limited to, C12.20, Electricity Meters—0.2 and 0.5 Accuracy Classes and the Institute of Electrical and Electronics Engineers, Inc. standard C57.13, Requirements for Instrument Transformers, or their successors.

Reviewer's Note: The Meter Usage Data Estimations provision of GRSPs will be developed prior to 2011, these provisions are currently contained in BPA billing procedures.

If the metering equipment associated with the meters listed in Exhibit E, Metering, fails to properly measure or record the interval

readings, BPA will apply the procedure set out in the Meter Usage Data Estimations provision of the GRSPs to determine the appropriate billing adjustment.

(b) **BPA Owned Meters**

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BPA shall operate, maintain, and replace, as necessary, all metering equipment owned by BPA that is needed to plan, schedule, and bill for power. BPA shall request authorization from «Customer Name» to install any metering equipment on «Customer Name»'s facilities that is reasonably necessary to forecast, plan, schedule, and bill for power. «Customer Name» will design and install all metering equipment at BPA's expense.

For the purpose of implementing this provision, «Customer Name» shall grant BPA physical access to BPA owned meters at BPA's request, with reasonable advance notice. All meters shall meet American National Standard Institute standards, including, but not limited to C12.20, Electricity Meters—0.2 and 0.5 Accuracy Classes, and the Institute of Electrical and Electronics Engineers, Inc. standard C57.13, Requirements for Instrument Transformers, or their successors. Any new and replaced meters shall be able to record meter data hourly, store data for a minimum of 45 days, and be accessed remotely by «Customer Name». BPA shall give «Customer Name» direct, electronic access to meter data from all meters owned by BPA that are used for monthly billings. For the purpose of inspection, BPA shall grant «Customer Name» reasonable physical access to BPA meters at «Customer Name» request.

If, at any time, BPA or «Customer Name» determines that a BPA owned meter is defective or inaccurate, BPA shall adjust, repair, or replace the meter to provide accurate metering as soon as practical. «Customer Name» has the right to witness any meter tests on BPA owned meters. With reasonable advance notice to BPA, «Customer Name» may conduct tests on such meters. BPA shall have the right to witness any meter tests conducted by «Customer Name».

(c) **Non-BPA Owned Meters**

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For all non-BPA metering equipment owned by «Customer Name» that is needed by BPA to forecast, plan, schedule, and bill for power, «Customer Name» shall give BPA direct, electronic access to meter data from all meters not owned by BPA that are capable of being accessed electronically. For the purpose of inspection, «Customer Name» shall grant BPA reasonable physical access to «Customer Name»'s meters at BPA's request.

BPA has the right to witness any meter tests conducted by «Customer Name» on non-BPA owned meters listed in Exhibit E. With reasonable advance notice to «Customer Name», BPA may conduct

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tests on such meters. «Customer Name» shall have the right to witness any such meter tests conducted by BPA.

If, at any time, BPA or «Customer Name» determines that a «Customer Name»-owned meter listed in Exhibit E, Metering is defective or inaccurate, «Customer Name» shall adjust, repair, or replace the meter to provide accurate metering as soon as practical. «Customer Name» shall operate, maintain, and replace, as necessary at «Customer Name» expense, all non-BPA metering equipment owned by «Customer Name». For non-BPA owned meters listed in Exhibit E, Metering that are not owned by «Customer Name» but are needed by BPA to forecast, plan, schedule and bill for power, «Customer Name» shall arrange for such meters to be operated, maintained and replaced, as necessary.

(d) **New Meters**

«Customer Name» and BPA shall enter into a separate agreement addressing the ownership, cost responsibility, location, access, maintenance, replacement, testing, and liability of the Parties with respect to new meters. For the purpose of implementing this provision, «Customer Name» shall grant BPA reasonable physical access to BPA owned meters at BPA's request.

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(d) **Metering an NLSL**

«Customer Name» shall comply with and administer the metering of NLSLs, and for any large consumer loads for which BPA requests monitoring in aid of an NLSL determination, consistent with section 21(c)(4), Metering an NLSL.

(e) **Metering Exhibit and Revisions**

«Customer Name» shall provide meter data specified in section 14(b)(2), Information Exchange and Confidentiality, and shall notify BPA of any changes to Points of Delivery, Points of Metering, Interchange Points and related information for which it is responsible. BPA shall list «Customer Name»'s PODs and meters in Exhibit E, Metering. BPA and «Customer Name» will jointly revise the Metering exhibit to correctly reflect the Points of Delivery, Points of Metering, Interchange Points and related information, as required to operate under and to administer this Agreement.

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END BLOCK and SLICE/BLOCK templates.