

Portland General Electric Company 121 SW Salmon Street • Portland, Oregon 97204 PortlandGeneral.com

November 1, 2007

Public Utility Commission of Oregon Attn: Filing Center 550 Capitol Street, N.E., Suite 215 Salem, OR 97301-2551

RE: Advice No. 07-27, Schedule 201 Qualifying Facility Power Purchase Information Update

In addition to the electronic filing, enclosed is the original, with a requested effective date of **November 2, 2007**:

First Revision of Sheet No. 1-3 Second Revision of Sheet No. 201-1 Third Revision of Sheet No. 201-2 Second Revision of Sheet No. 201-3 Second Revision of Sheet No. 201-4 Second Revision of Sheet No. 201-5 Third Revision of Sheet No. 201-6 Third Revision of Sheet No. 201-7 Third Revision of Sheet No. 201-7 Third Revision of Sheet No. 201-8 Second Revision of Sheet No. 201-9 Third Revision of Sheet No. 201-9 Second Revision of Sheet No. 201-11 Second Revision of Sheet No. 201-12 Third Revision of Sheet No. 201-13 Third Revision of Sheet No. 201-14 Third Revision of Sheet No. 201-15 Original Sheet No. 202-1 Original Sheet No. 202-2 Original Sheet No. 202-3 Original Sheet No. 202-4 Original Sheet No. 202-5

Schedule 201, Appendix 1, Standard Contract Power Purchase Agreement for Intermittent Resources,

Schedule 201 Appendix 1, Standard Contract Off-System Power Purchase Agreement for Intermittent Resources

This filing is being submitted in compliance with Order Nos. 07-360 and 07-407.

The following additions and changes are made with this filing:

 In Schedule 201, portions of the schedule pertaining to power purchase agreements for Qualifying Facilities (QF) with nameplate capacity greater the 10 MW has been deleted and incorporated into proposed Schedule 202.

- Schedule 202, Qualifying Facility Greater than 10 MW Avoided Cost Power Purchase Information, is being added to provide information and guidelines for the development of a negotiated Power Purchase Agreement applicable to QFs with an aggregate nameplate capacity greater than 10 MW.
- Two new Standard Contracts for Intermittent Resources have been developed and incorporated into Appendix 1 of Schedule 201 to address power produced by intermittent generation resources, specifically wind, solar, and run-of-river hydro facilities. The new intermittent resource Standard Contracts are offered in addition to the Standard Contracts which apply to non-intermittent generation resources.

The proposed intermittent resource Standard Contracts incorporate language to provide a mechanical availability guarantee (MAG) in lieu of the minimum net output provisions of the current Standard Contracts. In addition, two versions of the contract are required to handle on and off-system power purchases.

As a convenience, a redline version of Schedule 201 sheets is attached as Attachment A.

Due to pagination changes the following sheets are withdrawn from PGE's Tariff.

Original Sheet No. 201-16 Original Sheet No. 201-17 Original Sheet No. 201-18

Should you have any questions or comments regarding this filing, please contact Doug Kuns at (503) 464-7891.

Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com

Sincerely,

Randall J. Dahlgren Director, Regulatory Policy & Affairs

Enclosures cc: Service List – UM 1129

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SCHEDULE 201 **QUALIFYING FACILITY 10 MW or LESS** AVOIDED COST POWER PURCHASE INFORMATION

PURPOSE

To provide information about Avoided Costs, Standard Contracts and negotiated Power Purchase Agreements, power purchase prices and price options for power delivered by a Qualifying Facility (QF) to the Company with nameplate capacity of less than 10,000 kW (10MW). (C)

AVAILABLE

To owners of QFs making sales of electricity to the Company in the State of Oregon (Seller). (C)

APPLICABLE

(C) For power purchased from small power production or cogeneration facilities that are QFs as defined in 18 Code of Federal Regulations (CFR) Section 292, that meet the eligibility requirements described herein and where the energy is delivered to the Company's system and made available for Company purchase pursuant to a Standard Contract Power Purchase Agreement.

ESTABLISHING CREDITWORTHINESS

The Seller must establish creditworthiness prior to service under this schedule. For a Standard Contract Power Purchase Agreement (Standard Contract), a Seller may establish creditworthiness with a written acknowledgment that it is current on all existing debt obligations and that it was not a debtor in a bankruptcy proceeding within the preceding 24 months. If the Seller is not able to establish creditworthiness, the Seller must provide security as deemed sufficient by the Company as set out in the Standard Contract.

POWER PURCHASE INFORMATION

A Seller may call the Power Production Coordinator at (503) 464-8000 to obtain more information about being a Seller or how to apply for service under this schedule.

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POWER PURCHASE AGREEMENT

In accordance with terms set out in this schedule and the Commission's Rules as applicable, the Company will purchase any Energy in excess of station service (power necessary to produce generation) and amounts attributable to conversion losses, which are made available from the Seller.

A Seller must execute a Power Purchase Agreement with the Company prior to delivery of power to the Company. The agreement will have a term of up to 20 years as selected by the QF.

A QF with a nameplate capacity rating of 10 MW or less as defined herein may elect the option of a **(C)** Standard Contract.

Any Seller may elect to negotiate a Power Purchase Agreement with the Company. Such negotiation will comply with the requirements of the Federal Energy Regulatory Commission (FERC), and the Commission including the guidelines in Order No. 07-360, and Schedule 202. Negotiations for

power purchase pricing will be based on the filed Avoided Costs in effect at that time.

STANDARD CONTRACTS (Nameplate capacity of 10 MW or less)

A Seller choosing a Standard Contract will complete all informational and price option selection requirements in the applicable Standard Contract (Appendix 1 to this schedule) and submit the executed Agreement to the Company prior to service under this schedule. The Standard Contract is available at <u>www.portlandgeneral.com</u>. The available Standard Contracts are: Standard Contract Power Purchase Agreement, Standard Contract Off System Power Purchase Agreement, Standard Contract for Intermittent Resources and Standard Contract for Off System Intermittent Resources. The Standard Contracts applicable to Intermittent Resources are available only to QFs utilizing wind, solar or run of river hydro as the primary motive force. (N)

GUIDELINES FOR LESS THAN 10 MW FACILITIES

In order to execute the Standard Contract the Seller must complete all of the general project information requested in the applicable Standard Contract.

When all information required in the Standard Contract has been received in writing from the Seller, the Company will respond within 15 business days with a draft Standard Contract.

The Seller may request in writing that the Company prepare a final draft Standard Contract. The Company will respond to this request within 15 business days. In connection with such request, the QF must provide the Company with any additional or clarified project information that the Company (C) reasonably determines to be necessary for the preparation of a final draft Standard Contract.

When both parties are in full agreement as to all terms and conditions of the draft Standard Contract, the Company will prepare and forward to the Seller a final executable version of the agreement within 15 business days. Following the Company's execution, a completely executed copy will be returned to the Seller. Prices and other terms and conditions in the power purchase agreement will not be final and binding until the Standard Contract has been executed by both parties.

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OFF SYSTEM POWER PURCHASE AGREEMENT	(D)(M)
A Seller with a facility that interconnects with an electric system other than the Company's electric system may enter into a power purchase agreement with the Company after following the applicable standard or negotiated contract guidelines and making the arrangements necessary for transmission of power to the Company's system.	(D)
BASIS FOR POWER PURCHASE PRICE	
AVOIDED COST SUMMARY	
The power purchase rates are based on the Company's Avoided Costs. Avoided Costs are defined in 18 CFR 292.101(6) as "the incremental costs to an electric utility of electric energy or capacity or both which, but for the purchase from the qualifying facility or qualifying facilities, such utility would generate itself or purchase from another source."	
The Avoided Costs as listed in Tables 1 and 2 below include monthly On- and Off-Peak prices. ON-PEAK PERIOD	
The On-Peak period is 6:00 a.m. until 10:00 p.m., Monday through Saturday.	
OFF-PEAK PERIOD	
The Off-Peak period is 10:00 p.m. until 6:00 a.m., Monday through Saturday, and all day on Sunday.	
Avoided Costs are based on forward market price estimates through December 2011, the period of time during which the Company's Avoided Costs are associated with incremental purchases of Energy and capacity from the market. For the period 2012 through 2026, the Avoided Costs reflect the fully allocated costs of a natural gas fueled combined cycle combustion turbine (CCCT) including fuel and capital costs. The CCCT Avoided Costs are based on the variable cost of Energy plus capitalized Energy costs at a 93% capacity factor based on a natural gas price forecast, with prices modified for shrinkage and transportation costs.	
PRICING OPTIONS FOR STANDARD CONTRACTS	
Pricing options represent the purchase price per MWh the Company will pay for electricity delivered to a Point of Delivery (POD) within the Company's service territory pursuant to a Standard Contract up to the nameplate rating of the QF in any hour. Any Energy delivered in excess of the nameplate rating will be purchased at the applicable Off-Peak Prices for the selected pricing option.	
The Standard Contract pricing will be based on the Avoided Cost in effect at the time the agreement is executed.	 (D)(M)

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued)

Four pricing options are available for Standard Contracts. The pricing options include one Fixed Rate Option and three Market Based Options.

1) Fixed Price Option

The Fixed Price Option is based on Avoided Costs including forecasted natural gas prices.

This option is available for a maximum term of 15 years. Sellers with contracts exceeding 15 years will make a one time election at execution to select a Market-Based Option for all years up to five in excess of the initial 15. Under the Fixed Price Option, prices will be as established at the time the Standard Contract is executed and will be equal to the Avoided Costs in Tables 1 and 2 effective at execution for a term of up to 15 years.

	TABLE 1													
						voided Co ed Price C								
	On-Peak Forecast (\$/MWH)													
	<u>Month</u>													
Year	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	Dec		
2007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	68.02	63.69	57.34	63.20	73.39		
2008	74.92	72.37	66.26	59.12	54.28	51.48	77.47	87.91	81.80	68.80	75.43	82.56		
2009	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58		
2010	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58		
2011	80.72	75.30	67.40	58.28	53.85	50.15	77.02	88.86	80.47	67.49	74.15	81.05		
2012	76.80	76.82	75.39	67.85	67.19	67.70	68.24	68.56	68.81	69.38	71.68	73.98		
2013	78.57	78.60	77.13	69.42	68.75	69.26	69.82	70.15	70.40	70.99	73.34	75.69		
2014	81.76	81.79	80.25	72.15	71.44	71.99	72.57	72.91	73.18	73.80	76.27	78.74		
2015	86.19	86.22	84.57	75.90	75.13	75.72	76.35	76.71	76.99	77.66	80.30	82.95		
2016	86.60	86.64	84.99	76.34	75.58	76.16	76.79	77.15	77.44	78.10	80.74	83.38		
2017	88.83	88.86	87.17	78.32	77.54	78.13	78.78	79.15	79.44	80.11	82.82	85.52		
2018	90.87	90.91	89.18	80.11	79.31	79.92	80.58	80.96	81.26	81.95	84.72	87.49		
2019	94.39	94.42	92.61	83.11	82.28	82.92	83.61	84.00	84.32	85.04	87.94	90.84		
2020	97.83	97.87	95.97	86.05	85.17	85.84	86.56	86.98	87.30	88.06	91.09	94.12		
2021	100.17	100.21	98.27	88.11	87.22	87.90	88.64	89.07	89.40	90.18	93.28	96.38		
2022	102.47	102.51	100.52	90.14	89.23	89.92	90.68	91.11	91.45	92.25	95.42	98.59		
2023	104.89	104.93	102.90	92.28	91.34	92.06	92.83	93.27	93.62	94.43	97.68	100.92		
2024	107.13	107.17	105.10	94.23	93.27	94.00	94.79	95.25	95.60	96.43	99.75	103.07		
2025	109.69	109.73	107.61	96.49	95.52	96.26	97.07	97.54	97.90	98.75	102.15	105.54		
2026	112.21	112.26	110.08	98.71	97.71	98.47	99.30	99.78	100.15	101.02	104.49	107.97		

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) FIXED PRICE OPTION (Continued)

	<u>TABLE 2</u>											
					Avo	ided Co	osts					
						Price O						
				<u>O</u> 1	f-Peak		<u>t (\$/MW</u>	<u>H)</u>				
Month												
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49.42	50.44	49.19	54.28	64.98
2008	67.02	62.95	56.07	43.84	36.71	34.67	58.61	72.37	69.82	61.16	66.77	74.41
2009	77.98	64.47	56.83	45.37	37.22	36.20	60.14	73.90	69.31	61.16	66.77	74.41
2010	75.54	62.48	55.08	43.98	36.08	35.11	58.28	71.60	67.15	59.27	64.69	72.09
2011	74.54	61.65	54.36	43.41	35.63	34.66	57.51	70.65	66.28	58.58	63.93	71.23
2012	60.40	60.43	58.99	51.46	50.80	51.30	51.85	52.17	52.41	52.99	55.29	57.59
2013	61.80	61.83	60.36	52.65	51.98	52.49	53.05	53.38	53.63	54.22	56.57	58.92
2014	64.61	64.64	63.09	55.00	54.29	54.83	55.42	55.76	56.02	56.64	59.11	61.58
2015	68.64	68.67	67.02	58.34	57.58	58.17	58.79	59.16	59.44	60.11	62.75	65.40
2016	68.71	68.74	67.09	58.44	57.69	58.27	58.89	59.26	59.54	60.20	62.84	65.48
2017	70.40	70.44	68.75	59.89	59.11	59.71	60.35	60.72	61.01	61.69	64.39	67.10
2018	72.08	72.12	70.39	61.32	60.52	61.13	61.79	62.17	62.47	63.16	65.93	68.70
2019	75.16	75.20	73.39	63.89	63.06	63.69	64.38	64.78	65.09	65.82	68.72	71.62
2020	78.23	78.26	76.37	66.44	65.57	66.24	66.96	67.38	67.70	68.46	71.49	74.52
2021	80.05	80.09	78.15	68.00	67.11	67.79	68.52	68.95	69.28	70.06	73.16	76.26
2022	81.89	81.93	79.95	69.56	68.65	69.34	70.10	70.53	70.87	71.67	74.84	78.01
2023	83.77	83.81	81.78	71.15	70.22	70.94	71.71	72.15	72.50	73.31	76.56	79.80
2024	85.66	85.70	83.63	72.76	71.80	72.53	73.32	73.78	74.14	74.97	78.29	81.60
2025	87.66	87.70	85.58	74.46	73.48	74.23	75.04	75.50	75.87	76.72	80.11	83.51
2026	89.67	89.72	87.55	76.17	75.17	75.93	76.76	77.24	77.61	78.48	81.95	85.43

Under the Fixed Price Option, the Company will pay Seller the Off-Peak Avoided Cost pursuant to Table 2 for: (a) all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year; (c) any generation subject to and as adjusted by the provisions of Section 4.3 of the Standard Contract; (d) Net Output delivered in the Off-Peak Period; and (e) deliveries above the nameplate capacity in any hour. All other purchases will be at On-Peak prices. (See Appendix 1, the Standard Contract for defined terms.)

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued)

MARKET BASED PRICE OPTIONS:

Market Based Price Options include Option 2, Deadband Index Gas Price; Option 3, Index Gas Price; and Option 4, Dow Jones Mid-Columbia Daily On- and Off-Peak Electricity Firm Price Index (DJ-Mid-C Firm Index). The price components for pricing Options 2 and 3 are defined as follows:

	On Peak Price:	P _{Peak}
	Off Peak Price:	P _{Off}
	Variable Operating and Maintenance, Fixed Costs, and Gas Transportation (Table 6):	VFG
	Capacity Value (Table 7):	С
	Heat Rate:	HR = 6,776 BTU/kWh
	Losses:	1.9%
	Forecasted Gas Price (Table 5):	GP _F
	First of Month* Northwest Pipeline Corp. Canadian Border Index as Reported in <u>Platts</u> <u>Inside FERC's Gas Market Report</u> First of Month* one-month spot price averages for AECO/NIT transactions as Reported in <u>Canadian Gas Price Reporter</u>	GP _{Sumas}
	Natural Gas Market Report (in US dollars):	GP _{AECO}
	Monthly Indexed Gas Price:	$GP_{MI} = (GP_{Sumas} + GP_{AECO})/2$
	Deadband Gas Index:	GP _{DB}
of	Where: If $GP_{MI}>GP_F$ GP_{DB} = Minimum of (GP_{MI} or 1.1* GP_F) Otherwise GP_{DB} = Maximum of (GP_{MI} or .9* GP_F)	
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* "First of Month" means the first such monthly issuance.

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

Tables 3 and 4 below list applicable rates for Options 2 (Deadband Index Gas Price Option) and 3 (Index Gas Price Option) for the period through 2008. The monthly On- and Off-Peak prices will be applied for all Market Based Price Options.

						TABLE 3	3						
	On-Peak Resource Sufficiency Rate (\$/MWH)												
	Month												
Year	<u>Jan</u>	Feb	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	Dec	
2007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	68.02	63.69	57.34	63.20	73.39	
2008	74.92	72.37	66.26	59.12	54.28	51.48	77.47	87.91	81.80	68.80	75.43	82.56	
2009	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58	
2010	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58	
2011	80.72	75.30	67.40	58.28	53.85	50.15	77.02	88.86	80.47	67.49	74.15	81.05	

	TABLE 4												
	Off-Peak Resource Sufficiency Rate (\$/MWH)												
	Month												
Year	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	Oct	Nov	Dec	
2007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49.42	50.44	49.19	54.28	64.98	
2008	67.02	62.95	56.07	43.84	36.71	34.67	58.61	72.37	69.82	61.16	66.77	74.41	
2009	77.98	64.47	56.83	45.37	37.22	36.20	60.14	73.90	69.31	61.16	66.77	74.41	
2010	75.54	62.48	55.08	43.98	36.08	35.11	58.28	71.60	67.15	59.27	64.69	72.09	
2011	74.54	61.65	54.36	43.41	35.63	34.66	57.51	70.65	66.28	58.58	63.93	71.23	

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

2) Deadband Index Gas Price Option

The Deadband Index Gas Price Option bases the fuel price component of the Energy rate on comparisons between the Forecast Gas Price (Table 5) and the simple average of the First of Month gas indices for Sumas and AECO trading hubs. The Northwest Pipeline Gas Index (Sumas) will be as reported in <u>Platts Inside FERC's Gas Market Report</u>. The AECO/NIT (AECO) Gas Index will be as reported in <u>Canadian Gas Price Reporter Natural Gas Market Report</u> (in US dollars). The fuel price component used will be bound between 90% and 110% of the natural gas price forecast but based on the then current gas price.

The price paid per MWh will be:

P _{Peak}	=	GP _{DB} *HR/1,000/(1-Losses) +VFG +C
P_{Off}	=	GP _{DB} *HR/1,000/(1-Losses) +VFG

Under the Deadband method, the Company will pay Seller the Off-Peak prices for: (a) all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year; (c) any generation subject to and as adjusted by the provisions of Section 4.3 of the

Standard Contract; (d) Net Output delivered in the Off-Peak Period; and (e) deliveries above the nameplate capacity in any hour. All other purchases will be at On-Peak prices. (See Appendix 1, the Standard Contract for defined terms.)

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

3) Index Gas Price Option

The Index Gas Price Option is the simple average of the First of Month gas indices for Sumas and AECO trading hubs used in establishing the Avoided Costs. The Sumas Gas Index will be as reported in <u>Platts Inside FERC's Gas Market Report</u>. The AECO Gas Index will be as reported in the <u>Canadian Gas Price Reporter Natural Gas Market Report</u> (in US dollars).

The price paid per MWh will be:

 $P_{Peak} = GP_{MI}^{*}HR/1,000/(1-Losses) +VFG +C$ $P_{Off} = GP_{MI}^{*}HR/1,000/(1-Losses) +VFG$

Under the Index Gas Price, the Company will pay Seller the Off-Peak Prices for: (a) for all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year; (c) any generation subject to and as adjusted by the provisions of Section 4.3 of the Standard Contract; (d) for Net Output delivered in the Off-Peak Period; and (e) deliveries above the nameplate capacity in any hour. All other purchases will be at On-Peak prices. (See Appendix 1, the Standard Contract for defined terms.)

4) Mid C Index Price Option

Under this option, prices paid per MWh will be based on the DJ-Mid-C Firm Index plus 0.204 ¢ per kWh for wholesale wheeling.

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

The tables below contain the gas pricing components for Option 1 (Fixed Price Option) and Option 2 (Deadband Index Gas Price Option).

	TABLE 5											
				Forecas	ted Gas	Price -	GP _F (\$/N	<u>IMBTU)</u>				
						<u>Month</u>						
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2012	7.084	7.080	6.895	5.880	5.784	5.844	5.908	5.952	5.992	6.077	6.410	6.743
2013	7.245	7.241	7.052	6.013	5.915	5.976	6.042	6.087	6.128	6.214	6.555	6.896
2014	7.610	7.606	7.408	6.316	6.213	6.278	6.347	6.394	6.437	6.528	6.886	7.244
2015	8.151	8.146	7.934	6.765	6.654	6.723	6.797	6.848	6.894	6.991	7.375	7.758
2016	8.125	8.120	7.908	6.743	6.633	6.702	6.776	6.826	6.872	6.969	7.351	7.733
2017	8.325	8.320	8.103	6.909	6.796	6.867	6.942	6.994	7.041	7.141	7.532	7.924
2018	8.525	8.520	8.298	7.075	6.959	7.032	7.109	7.162	7.211	7.312	7.713	8.114
2019	8.925	8.920	8.688	7.407	7.286	7.362	7.443	7.499	7.549	7.655	8.075	8.495
2020	9.326	9.320	9.077	7.740	7.613	7.692	7.777	7.835	7.888	7.999	8.437	8.876
2021	9.540	9.534	9.286	7.917	7.787	7.868	7.955	8.014	8.069	8.182	8.631	9.080
2022	9.759	9.753	9.499	8.099	7.966	8.049	8.137	8.198	8.254	8.370	8.829	9.288
2023	9.983	9.977	9.717	8.285	8.149	8.234	8.324	8.386	8.443	8.562	9.032	9.502
2024	10.212	10.206	9.940	8.475	8.336	8.423	8.515	8.579	8.637	8.758	9.239	9.720
2025	10.446	10.440	10.168	8.669	8.527	8.616	8.711	8.776	8.835	8.959	9.451	9.943
2026	10.686	10.680	10.401	8.868	8.723	8.814	8.911	8.977	9.038	9.165	9.668	10.171

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

Table 6 contains the Variable O&M and Fixed Costs that are derived from a natural gas-fired CCCT as identified in the Company's 2004 Integrated Resource Plan.

	TABLE 6											
	Va	riable O	&M, Fixe	d Costs	and Ga	as Trans	portatio	on Fored	cast – VI	FG (\$/M	<u>WH)</u>	
						<u>Month</u>						
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2012	12.07	12.07	12.05	11.90	11.88	11.89	11.90	11.91	11.91	11.93	11.98	12.02
2013	12.38	12.38	12.35	12.19	12.18	12.19	12.20	12.20	12.21	12.22	12.27	12.32
2014	12.69	12.69	12.66	12.50	12.48	12.49	12.50	12.51	12.52	12.53	12.58	12.64
2015	13.04	13.03	13.00	12.83	12.81	12.82	12.84	12.84	12.85	12.86	12.92	12.98
2016	13.28	13.28	13.25	13.08	13.06	13.07	13.08	13.09	13.09	13.11	13.16	13.22
2017	13.61	13.61	13.58	13.40	13.39	13.40	13.41	13.42	13.42	13.44	13.49	13.55
2018	13.93	13.93	13.89	13.71	13.70	13.71	13.72	13.73	13.73	13.75	13.81	13.87
2019	14.28	14.28	14.24	14.05	14.03	14.05	14.06	14.07	14.07	14.09	14.15	14.21
2020	14.61	14.61	14.57	14.37	14.35	14.37	14.38	14.39	14.39	14.41	14.48	14.54
2021	14.97	14.97	14.93	14.73	14.71	14.72	14.74	14.75	14.75	14.77	14.84	14.90
2022	15.32	15.31	15.28	15.07	15.05	15.06	15.08	15.08	15.09	15.11	15.18	15.25
2023	15.67	15.67	15.63	15.42	15.40	15.41	15.42	15.43	15.44	15.46	15.53	15.60
2024	16.00	16.00	15.96	15.74	15.72	15.73	15.75	15.76	15.77	15.78	15.85	15.93
2025	16.40	16.40	16.36	16.13	16.11	16.13	16.14	16.15	16.16	16.18	16.25	16.32
2026	16.77	16.77	16.73	16.51	16.48	16.50	16.51	16.52	16.53	16.55	16.62	16.70

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PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

Table 7 represents the variable C in the formulas for Option 2 (Deadband Index Gas Price Option) and Option 3 (Index Gas Price Option).

	TABLE 7											
				<u>Ca</u>	apacity \	/alue - C	C (\$/MW	<u>H)</u>				
						<u>Month</u>						
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2012	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39
2013	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
2014	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16
2015	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55
2016	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90
2017	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43
2018	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79
2019	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22
2020	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60
2021	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12
2022	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58
2023	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12
2024	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47
2025	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03
2026	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54

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MONTHLY SERVICE CHARGE

Each separately metered QF not associated with a retail Customer account will be charged \$10.00 per month.

INSURANCE REQUIREMENTS

The following insurance requirements are applicable to Sellers with a Standard Contract:

- 1) QFs with nameplate capacity ratings greater than 200 kW are required to secure and maintain a prudent amount of general liability insurance. The Seller must certify to the Company that it is maintaining general liability insurance coverage for each QF at prudent amounts. A prudent amount will be deemed to mean liability insurance coverage for both bodily injury and property damage liability in the amount of not less than \$1,000,000 each occurrence combined single limit, which limits may be required to be increased or decreased by the Company as the Company determines in its reasonable judgment economic conditions or claims experience may warrant.
- 2) Such insurance will include an endorsement naming the Company as an additional insured insofar as liability arising out of operations under this schedule and a provision that such liability policies will not be canceled or their limits reduced without 30 days' written notice to the Company. The Seller will furnish the Company with certificates of insurance together with the endorsements required herein. The Company will have the right to inspect the original policies of such insurance.
- 3) QFs with a design capacity of 200 kW or less are encouraged to pursue liability insurance on his/her own. The Oregon Public Utility Commission in Order No. 05-584 determined that it is inappropriate to require QFs that have a design capacity of 200 kW or less to obtain general liability insurance.

TRANSMISSION AGREEMENTS

If the QF is located outside the Company's service territory, the Seller is responsible for the transmission of power at its cost to the Company's service territory.

INTERCONNECTION REQUIREMENTS

Except as otherwise provided in a generation Interconnection Agreement between the Company and Seller, if the QF is located within the Company's service territory, switching equipment capable of isolating the QF from the Company's system will be accessible to the Company at all times. At the Company's option, the Company may operate the switching equipment described above if, in the sole opinion of the Company, continued operation of the QF in connection with the utility's system may create or contribute to a system emergency.

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INTERCONNECTION REQUIREMENTS (Continued)

The QF owner interconnecting with the Company's distribution system must comply with all requirements for interconnection as established pursuant to Commission rule, in the Company's Rules and Regulations (Rule C) or the Company's Interconnection Procedures contained in its FERC Open Access Transmission Tariff (OATT), as applicable. The Seller will bear full responsibility for the installation and safe operation of the interconnection facilities.

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD RATES AND STANDARD CONTRACT

A QF will be eligible to receive the standard rates and Standard Contract if the nameplate capacity of the QF, together with any other electric generating facility using the same motive force, owned or controlled by the same person(s) or affiliated person(s), and located at the same site, does not exceed 10 MW.

Definition of Person(s) or Affiliated Person(s)

As used above, the term "same person(s)" or "affiliated person(s)" means a natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. However, two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) solely because they are developed by a single entity.

Furthermore, two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit. A unit of Oregon local government may also be a "passive investor" if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

Definition of Same Site

For purposes of the foregoing, generating facilities are considered to be located at the same site as the QF for which qualification for the standard rates and Standard Contract is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for the standard rates and standard contract is sought.

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(C)

SCHEDULE 201 (Concluded)

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD RATES AND STANDARD CONTRACT (Continued)

Shared Interconnection and Infrastructure

QFs otherwise meeting the above-described separate ownership test and thereby qualified for entitlement to the standard rates and Standard Contract will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for the standard rates and Standard Contract so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection contract requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved Standard Contract.

Dispute Resolution

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to the standard rates and Standard Contract. Any dispute concerning a QF's entitlement to the standard rates and Standard Contract will be presented **(T)** to the Commission for resolution.

SPECIAL CONDITIONS

- 1. Delivery of energy by Seller will be at a voltage, phase, frequency, and power factor as specified by the Company.
- If the Seller also receives retail Electricity Service from the Company at the same location, any payments under this schedule will be credited to the Seller's retail Electricity Service bill. At the option of the Customer, any net credit over \$10.00 will be paid by check to the Customer.
- Contracts entered into pursuant to this schedule will not terminate prior to the Standard or negotiated contract's termination date if the 1978 Public Utility Regulatory Policies Act (PURPA) is repealed.

TERM OF AGREEMENT

Not less than one year and not to exceed 20 years.

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SCHEDULE 202 QUALIFYING FACILITIES GREATER THAN 10MW AVOIDED COST POWER PURCHASE INFORMATION

PURPOSE

To provide information regarding procedures and timelines leading to a power purchase agreement between the Company and a Qualifying Facility (QF) with an aggregate nameplate capacity greater than 10,000 kW.

AVAILABLE

To owners of QFs making sales of electricity to the Company in the State of Oregon (Seller).

APPLICABLE

To qualifying cogeneration facilities or qualifying small power production facilities within the meaning of section 201 and 210 of the Public Utility Regulatory Act of 1978 (PURPA), 16 U.S.C. 796 and 824a-3.

A QF with nameplate capacity greater than 10,000 kW will be required to enter into a negotiated written power purchase agreement (Negotiated Agreement) with the Company.

A QF with nameplate capacity less than 10,000 kW or less may elect the option of a Standard Contract with terms and pricing as defined in Schedule 201.

POWER PURCHASE INFORMATION

A QF may call the Power Production Coordinator at (503) 464-8000 to obtain more information about being a Seller or how to apply for service under this schedule.

GUIDELINES

The Company will purchase any Energy in excess of station service (power necessary to produce generation) and amounts attributable to conversion losses, that is made available to Company by the Seller, pursuant to a Negotiated Agreement with the Company executed prior to delivery of such power. The Negotiated Agreement will comply with the requirements of the Federal Energy Regulatory Commission (FERC) and the guidelines established by Commission Order No. 07-360.

The Negotiated Agreement may have a term of up to 20 years, as selected by the Seller.

PROCEDURES TO DEVELOP A NEGOTIATED AGREEMENT

- 1. The Seller may request indicative power purchase prices. To obtain an indicative pricing proposal for a proposed project, the Seller must provide in writing, general project information reasonably required for the development of indicative pricing, including, but not limited to:
 - Demonstration of ability to obtain QF status.
 - Design capacity (MW), station service requirements, and net amount of power to be delivered to the Company's electric system.
 - Generation technology and other related technology applicable to the site.
 - Quantity and timing of monthly power deliveries (including project ability to respond to dispatch orders from the Company).
 - Proposed site location and electrical interconnection point.
 - Status of interconnection and transmission arrangements.
 - Proposed on-line date and outstanding permitting requirements.
 - Motive force or fuel plan consisting of fuel type(s) and source(s).
 - Proposed contract term and pricing provisions.
- 2. The Company will not be obligated to provide an indicative pricing proposal until all the information described above has been received in writing from the Seller. Within 30 business days following receipt of all required information, the Company will provide the Seller with an indicative pricing proposal, which may include other terms and conditions, tailored to the individual characteristics of the proposed project. Such proposal may be used by the Seller to make determinations regarding project planning, financing and feasibility. However, such prices are indicative and are not final and binding. Prices and other terms and conditions are only final and binding to the extent contained in Negotiated Agreement, once executed by both parties. The Company will provide with the indicative prices a description of the methodology used to develop the prices.

PROCEDURES TO DEVELOP A NEGOTIATED AGREEMENT (Continued)

- 3. The Avoided Cost Prices specified in Schedule 201 provide a starting point for indicative prices, and will be modified to address the following specific factors established in OPUC Order No. 07-360 and FERC 18 § CFR 292.304(e):
 - (e) Factors affecting rates for purchases. In determining avoided costs, the following factors will, to the extent practicable, be taken into account.
 - (1) The data provided pursuant to 18 CFR § 292.302(b), (c), or (d), including State review of any such data;
 - (2) The availability of capacity or energy from a qualifying facility during the system daily and seasonal peak periods, including:
 - (*i*) The ability of the Company to dispatch the qualifying facility;
 - (*ii*) The expected or demonstrated reliability of the qualifying facility;
 - *(iii)* The terms of any contract or other legally enforceable obligation, including the duration of the obligation, termination notice requirement and sanctions for non-compliance;
 - *(iv)* The extent to which scheduled outages of the qualifying facility can be usefully coordinated with scheduled outages of the Company's facilities;
 - (v) The usefulness of energy and capacity supplied from a qualifying facility during system emergencies, including its ability to separate its load from its generation;
 - (vi) The individual and aggregate value of energy and capacity from qualifying facilities on the Company's system; and
 - (vii) The smaller capacity increments and the shorter lead time available with additions of capacity from qualifying facilities; and
 - (3) The relationship of the availability of energy or capacity from the qualifying facility as derived in part (e) (2) of this section, to the ability of the Company to avoid costs, including the deferral of capacity additions and the reduction of fossil fuel use; and
 - (4) The costs or savings resulting from variations in line losses from those that would have existed in the absence of purchases from a qualifying facility, if the Company generated an equivalent amount of energy itself or purchased an equivalent amount of electric energy or capacity.

PROCEDURES TO DEVELOP A NEGOTIATED AGREEMENT (Continued)

- 4. If the Seller desires to proceed with negotiations after reviewing the Company's indicative price proposal, the Seller must request in writing that the Company prepare a draft Negotiated Agreement to serve as the basis for negotiations between the parties. In connection with such request, the Seller must provide the Company with any additional project information that the Company reasonably determines to be necessary for the preparation of the Negotiated Agreement, which may include, but will not be limited to:
 - Updated information for the project information listed above in paragraphs 1 and 3.
 - Evidence of adequate control of proposed site.
 - Timelines for obtaining any necessary governmental permits, approvals or authorizations.
 - Assurance of fuel supply or motive force.
 - Anticipated timelines for completion of key project milestones.
 - Evidence that any necessary interconnection studies have been completed and assurance that the necessary interconnection arrangements have been executed or are under negotiation.
- 5. Within 30 days following receipt of updated information required by the Company, the Company will provide the Seller with a draft Negotiated Agreement. The draft agreement will contain proposed terms and conditions in addition to indicative pricing. The draft agreement is not binding; however; it will serve as the basis for subsequent negotiations.
- 6. After reviewing the draft Negotiated Agreement, the Seller will notify the Company in writing of its intent to proceed with negotiations. The Seller may prepare an initial set of written comments and proposals regarding the agreement and forward them to the Company. The Company will not be obligated to begin negotiations with a Seller until the Company has received an initial set of written comments. After the Company's receipt of comments and proposals, the Seller may contact the Company to schedule contract negotiations at such times and places as are mutually agreeable to the parties. In connection with such negotiations, the Company:
 - Will not unreasonably delay negotiations and will respond in good faith to any additions, deletions or modifications to the draft Negotiated Agreement that are proposed by the Seller.
 - May request to visit the site of the proposed project if such a visit has not previously occurred.
 - Will update its pricing proposals at appropriate intervals to accommodate any changes to the Company's avoided-cost calculations, the proposed project or proposed terms of the draft Negotiated Agreement.
 - May request any additional information from the Seller necessary to finalize the terms of the Negotiated Agreement and satisfy the Company's due diligence regarding the QF project.

PROCEDURES TO DEVELOP A NEGOTIATED AGREEMENT (Continued)

- 7. When both parties are in full agreement as to all terms and conditions of the draft Negotiated Agreement, the Company will prepare and forward to the Seller a final, executable version of the agreement within 15 business days. Prices and other terms and conditions in the Negotiated Agreement will not be final and binding until the agreement has been executed by both parties.
- 8. If parties are not in full agreement within 60 days from the date of written notice, the Seller may file a complaint with the Commission asking the Commission to adjudicate the disputed contract terms.

OFF SYSTEM POWER PURCHASE AGREEMENT

A QF that interconnects with an electric system other than the Company's electric system may enter into a power purchase agreement with the Company after following the applicable negotiated contract guidelines and making the arrangements necessary for transmission of power to the Company's system. PGE Advice No. 07-27 Attachment A

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SCHEDULE 201 QUALIFYING FACILITY <u>10 MW or LESS</u> AVOIDED COST POWER PURCHASE INFORMATION

PURPOSE

To provide information about Avoided Costs, Standard Contracts and negotiated Power Purchase Agreements, power purchase prices and price options for power delivered by a Qualifying Facility (QF) to the Company with nameplate capacity of less than 10,000 kW (10MW).

AVAILABLE

To owners of QFs making sales of electricity to the Company in the State of Oregon (Seller). In all territory served by the Company.

APPLICABLE

<u>For power purchased Applicable to Sellers of generation</u> from small power production or cogeneration facilities that are QFs as defined in 18 Code of Federal Regulations (CFR) Section 292, <u>that meet the eligibility requirements described herein and where</u> the energy is delivered to the Company's system and made available for Company purchase <u>pursuant to a Standard Contract</u> <u>Power Purchase Agreement.</u>, and the Seller meets all requirements herein described including establishing credit, providing proof of insurance, executing an interconnection agreement, a transmission agreement and a Power Purchase Agreement, where applicable.

ESTABLISHING CREDITWORTHINESS

The Seller must establish creditworthiness prior to service under this schedule. For a Standard Contract Power Purchase Agreement (Standard Contract), a Seller may establish creditworthiness with a written acknowledgment that it is current on all existing debt obligations and that it was not a debtor in a bankruptcy proceeding within the preceding 24 months. If the Seller is not able to establish creditworthiness, the Seller must provide security as deemed sufficient by the Company as set out in the Standard Contract.

POWER PURCHASE INFORMATION

A Seller may call the Power Production Coordinator at (503) 464-8000 to obtain more information about being a Seller or how to apply for service under this schedule.

POWER PURCHASE AGREEMENT

In accordance with terms set out in this schedule and the Commission's Rules as applicable, the Company will purchase any Energy in excess of station service (power necessary to produce generation) and amounts attributable to conversion losses, which are made available from the Seller.

A Seller must execute a Power Purchase Agreement with the Company prior to delivery of power to the Company. The agreement will have a term of up to 20 years as selected by the QF.

A <u>Seller with a QF with a nameplate</u> capacity rating of 10 MW or less as defined herein may elect the option of a Standard Contract.

Any Seller may elect to negotiate a Power Purchase Agreement with the Company. Such negotiation will comply with the requirements of the Federal Energy Regulatory Commission (FERC), and the Commission including the guidelines in Order No. 07-360, and Schedule 202. Negotiations for power purchase pricing will be based on the filed Avoided Costs in effect at that time.

STANDARD CONTRACTS (Nameplate capacity of 10 MW or less)

A Seller choosing a Standard Contract will complete all informational and price option selection requirements in the <u>applicable_Standard Contract</u> (Appendix 1 to this schedule) and submit the executed Agreement to the Company prior to service under this schedule. The Standard Contract is available at <u>www.portlandgeneral.com</u>. The available Standard Contracts are: Standard Contract Power Purchase Agreement, Standard Contract Off System Power Purchase Agreement, Standard Contract for Off System Intermittent Resources. The Standard Contract for Off System Intermittent Resources. The Standard Contracts applicable to Intermittent Resources are available only to QFs utilizing wind, solar or run of river hydro as the primary motive force.

GUIDELINES FOR LESS THAN 10 MW FACILITIES

In order to execute the Standard Contract the Seller must complete all of the general project information requested in the <u>applicable</u> Standard Contract.

When all information required in the Standard Contract has been received in writing from the Seller, the Company shawill respond within 15 business days with a draft Standard Contract.

If the Seller desires to proceed with the Standard Contract after reviewing the Company's draft agreement, tThe Seller may request in writing that the Company prepare a final draft Standard Contract. The Company shawill respond to this request within 15 business days. In connection with such request, the <u>QF Seller</u> must provide the Company with any additional or clarified project information that the Company reasonably determines to be necessary for the preparation of a final draft Standard Contract.

When both parties are in full agreement as to all terms and conditions of the draft Standard Contract, the Company <u>shawi</u>ll prepare and forward to the Seller a final executable version of the agreement within 15 business days. Following the Company's execution, a completely executed copy <u>shawi</u>ll be returned to the Seller. Prices and other terms and conditions in the power purchase agreement <u>shawi</u>ll not be final and binding until the Standard Contract has been executed by both parties.

NEGOTIATED CONTRACT (Nameplate capacity of greater than 10 MW)

A negotiated power purchase agreement is required for a QF with a nameplate capacity greater than 10 MW. A Seller with a QF with a nameplate capacity that is greater than 10 MW shall provide all the preliminary information requested under GUIDELINES FOR FACILITIES GREATER THAN 10 MW. A Seller with a facility that is less than 10 MW has the option to enter into a negotiated contract and shall provide all the preliminary information requested under GUIDELINES FOR FACILITIES FOR FACILITIES GREATER THAN 10 MW.

GUIDELINES FOR GREATER THAN 10 MW FACILITIES

The Company shall provide a form power purchase agreement upon request to the Company. The Company shall send the form agreement to the Seller within seven business days of the request.

The Seller may request indicative power purchase prices. To obtain an indicative pricing proposal for a proposed project, the Seller must provide in writing, general project information reasonably required for the development of indicative pricing, including, but not limited to:

- demonstration of ability to obtain QF status
- design capacity (MW), station service requirements, and net amount of power to be delivered to the Company's electric system.
- generation technology and other related technology applicable to the site
- quantity and timing of monthly power deliveries (including project ability to respond to dispatch orders from the Company)
- proposed site location and electrical interconnection point
- status of interconnection and transmission arrangements
- proposed on-line date and outstanding permitting requirements
- motive force or fuel plan consisting of fuel type(s) and source(s)
- proposed contract term and pricing provisions

The Company shall not be obligated to provide an indicative pricing proposal until all the information described above has been received in writing from the Seller. Within 30 business days following receipt of all required information, the Company shall provide the Seller with an indicative pricing proposal, which may include other indicative terms and conditions, tailored to the individual characteristics of the proposed project. Such proposal may be used by the Seller to make determinations regarding project planning, financing and feasibility. However, such prices are indicative and are not final and binding. Prices and other terms and conditions are only final and binding to the extent contained in a power purchase agreement executed by both parties. The Company shall provide with the indicative prices a description of the methodology used to develop the prices.

The Avoided Cost Prices and pricing options specified in this schedule provides a starting point for negotiated prices, and shall be modified to address specific factors mandated by federal and state law, including the following factors found under 18 § CFR 292.304(e);

GUIDELINES FOR GREATER THAN 10 MW FACILITIES (Continued)

- (e) Factors affecting rates for purchases. In determining avoided costs, the following factors shall, to the extent practicable, be taken into account.
 - (1) The data provided pursuant to 18 CFR § 292.302(b), (c), or (d), including State review of any such data;
 - (2) The availability of capacity or energy from a qualifying facility during the system daily and seasonal peak periods, including:
 - (i) The ability of the Company to dispatch the qualifying facility;
 - (ii) The expected or demonstrated reliability of the qualifying facility;
 - *(iii)* The terms of any contract or other legally enforceable obligation, including the duration of the obligation, termination notice requirement and sanctions for non-compliance;
 - *(iv)* The extent to which scheduled outages of the qualifying facility can be usefully coordinated with scheduled outages of the Company's facilities;
 - (v) The usefulness of energy and capacity supplied from a qualifying facility during system emergencies, including its ability to separate its load from its generation;
 - *(vi)* The individual and aggregate value of energy and capacity from qualifying facilities on the Company's system; and
 - (vii) The smaller capacity increments and the shorter lead time available with additions of capacity from qualifying facilities; and
 - (3) The relationship of the availability of energy or capacity from the qualifying facility as derived in part (e) (2) of this section, to the ability of the Company to avoid costs, including the deferral of capacity additions and the reduction of fossil fuel use; and
 - (4) The costs or savings resulting from variations in line losses from those that would have existed in the absence of purchases from a qualifying facility, if the Company generated an equivalent amount of energy itself or purchased an equivalent amount of electric energy or capacity.

If the Seller desires to proceed with the project after reviewing the Company's indicative price proposal, the Seller must request in writing that the Company prepare a draft power purchase agreement to serve as the basis for negotiations between the parties. In connection with such request, the Seller must provide the Company with any additional project information that the Company reasonably determines to be necessary for the preparation of a draft power purchase agreement, which may include, but shall not be limited to:

- Updated information for the general project information categories listed above
- Evidence of adequate control of proposed site
- Timelines for obtaining any necessary governmental permits, approvals or authorizations
- Assurance of fuel supply or motive force
- Anticipated timelines for completion of key project milestones
- Evidence that any necessary interconnection studies have been completed and assurance that the necessary interconnection arrangements are under negotiation.

GUIDELINES FOR GREATER THAN 10 MW FACILITIES (Continued)

The Company shall not be obligated to provide the Seller with a draft power purchase agreement until all the relevant QF project information listed above has been received by the Company in writing. Within 30 business days following receipt of all required information, the Company shall provide the Seller with a draft power purchase agreement containing a comprehensive set of proposed terms and conditions, including a specific pricing proposal for power purchased from the project. The draft agreement shall serve as the basis for subsequent negotiations between the parties and unless clearly indicated, shall not be construed as a binding proposal by the Company.

After reviewing the draft power purchase agreement, the Seller may prepare an initial set of written comments and proposals regarding the agreement and forward them to the Company. The Company shall not be obligated to begin negotiations with a Seller until the Company has received an initial set of written comments. After the Company's receipt of comments and proposals, the Seller may contact the Company to schedule contract negotiations at such times and places as are mutually agreeable to the parties. In connection with such negotiations, the Company:

- -Shall not unreasonably delay negotiations and shall respond in good faith to any additions, deletions or modifications to the draft power purchase agreement that are proposed by the Seller
- -May request to visit the site of the proposed project if such a visit has not previously occurred
- -Shall update its pricing proposals at appropriate intervals to accommodate any changes to the Company's avoided-cost calculations, the proposed project or proposed terms of the draft power purchase agreement
- -May request any additional information from the Seller necessary to finalize the terms of the power purchase agreement and satisfy the Company's due diligence regarding the QF project.

When both parties are in full agreement as to all terms and conditions of the power purchase agreement, the Company shall prepare and forward to the Seller a final, executable version of the agreement. Prices and other terms and conditions in the power purchase agreement shall not be final and binding until the agreement has been executed by both parties.

OFF SYSTEM POWER PURCHASE AGREEMENT

A Seller with a facility that interconnects with an electric system other than the Company's electric system may enter into a power purchase agreement with the Company after following the applicable standard or negotiated contract guidelines and making the arrangements necessary for transmission of power to the Company's system. A Standard Contract for Off System QFs is available upon request to the Company.

BASIS FOR POWER PURCHASE PRICE

AVOIDED COST SUMMARY

The power purchase rates are based on the Company's Avoided Costs. Avoided Costs are defined in 18 CFR 292.101(6) as "the incremental costs to an electric utility of electric energy or capacity or both which, but for the purchase from the qualifying facility or qualifying facilities, such utility would generate itself or purchase from another source."

The Avoided Costs as listed in Tables 1 and 2 below include monthly On- and Off-Peak prices.

ON-PEAK PERIOD

The On-Peak period is 6:00 a.m. until 10:00 p.m., Monday through Saturday.

OFF-PEAK PERIOD

The Off-Peak period is 10:00 p.m. until 6:00 a.m., Monday through Saturday, and all day on Sunday.

Avoided Costs are based on forward market price estimates through December 2011, the period of time during which the Company's Avoided Costs are associated with incremental purchases of Energy and capacity from the market. For the period 2012 through 2026, the Avoided Costs reflect the fully allocated costs of a natural gas fueled combined cycle combustion turbine (CCCT) including fuel and capital costs. The CCCT Avoided Costs are based on the variable cost of Energy plus capitalized Energy costs at a 93% capacity factor based on a natural gas price forecast, with prices modified for shrinkage and transportation costs.

PRICING OPTIONS FOR STANDARD CONTRACTS

Pricing options represent the purchase price per MWh the Company will pay for electricity delivered to a Point of Delivery (POD) within the Company's service territory pursuant to a Standard Contract up to the nameplate rating of the QF in any hour. Any Energy delivered in excess of the nameplate rating will be purchased at the applicable Off-Peak Prices for the selected pricing option.

The Standard Contract pricing will be based on the Avoided Cost in effect at the time the agreement is executed.

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued)

Four pricing options are available for Standard Contracts. The pricing options include one Fixed Rate Option and three Market Based Options.

1) Fixed Price Option

The Fixed Price Option is based on Avoided Costs including forecasted natural gas prices.

This option is available for a maximum term of 15 years. Sellers with contracts exceeding 15 years will make a one time election at execution to select a Market-Based Option for all years up to five in excess of the initial 15. Under the Fixed Price Option, prices will be as established at the time the Standard Contract is executed and will be equal to the Avoided Costs in Tables 1 and 2 effective at execution for a term of up to 15 years.

	TABLE 1													
						voided Co								
						ed Price C		`						
	On-Peak Forecast (\$/MWH) Month													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
2007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	68.02	63.69	57.34	63.20	73.39		
2008	74.92	72.37	66.26	59.12	54.28	51.48	77.47	87.91	81.80	68.80	75.43	82.56		
2009	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58		
2010	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58		
2011	80.72	75.30	67.40	58.28	53.85	50.15	77.02	88.86	80.47	67.49	74.15	81.05		
2012	76.80	76.82	75.39	67.85	67.19	67.70	68.24	68.56	68.81	69.38	71.68	73.98		
2013	78.57	78.60	77.13	69.42	68.75	69.26	69.82	70.15	70.40	70.99	73.34	75.69		
2014	81.76	81.79	80.25	72.15	71.44	71.99	72.57	72.91	73.18	73.80	76.27	78.74		
2015	86.19	86.22	84.57	75.90	75.13	75.72	76.35	76.71	76.99	77.66	80.30	82.95		
2016	86.60	86.64	84.99	76.34	75.58	76.16	76.79	77.15	77.44	78.10	80.74	83.38		
2017	88.83	88.86	87.17	78.32	77.54	78.13	78.78	79.15	79.44	80.11	82.82	85.52		
2018	90.87	90.91	89.18	80.11	79.31	79.92	80.58	80.96	81.26	81.95	84.72	87.49		
2019	94.39	94.42	92.61	83.11	82.28	82.92	83.61	84.00	84.32	85.04	87.94	90.84		
2020	97.83	97.87	95.97	86.05	85.17	85.84	86.56	86.98	87.30	88.06	91.09	94.12		
2021	100.17	100.21	98.27	88.11	87.22	87.90	88.64	89.07	89.40	90.18	93.28	96.38		
2022	102.47	102.51	100.52	90.14	89.23	89.92	90.68	91.11	91.45	92.25	95.42	98.59		
2023	104.89	104.93	102.90	92.28	91.34	92.06	92.83	93.27	93.62	94.43	97.68	100.92		
2024	107.13	107.17	105.10	94.23	93.27	94.00	94.79	95.25	95.60	96.43	99.75	103.07		
2025	109.69	109.73	107.61	96.49	95.52	96.26	97.07	97.54	97.90	98.75	102.15	105.54		
2026	112.21	112.26	110.08	98.71	97.71	98.47	99.30	99.78	100.15	101.02	104.49	107.97		

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) FIXED PRICE OPTION (Continued)

	TABLE 2											
						ided Co						
						Price C						
				<u>0</u> 1	ff-Peak I	-orecas Month	t (\$/IVIVV	<u>H)</u>				
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007	<u>5an</u> N/A	<u>1 eb</u> N/A	N/A	<u>Apr</u> N/A		N/A	<u>001</u> N/A	-				64.98
2007	67.02	62.95		43.84	N/A 36.71	34.67	-	49.42 72.37	50.44 69.82	49.19	54.28	
		62.95 64.47	56.07				58.61			61.16	66.77	74.41
2009 2010	77.98 75.54	64.47	56.83 55.08	45.37 43.98	37.22 36.08	36.20 35.11	60.14 58.28	73.90 71.60	69.31 67.15	61.16 59.27	66.77 64.69	74.41 72.09
2010	75.54	62.46 61.65	55.08 54.36	43.90	35.63	34.66	57.51	70.65	66.28	59.27 58.58	63.93	72.09
2011	60.40			-			51.85		52.41	52.99		
-		60.43	58.99	51.46	50.80	51.30		52.17			55.29	57.59
2013	61.80	61.83	60.36	52.65	51.98	52.49	53.05	53.38	53.63	54.22	56.57	58.92
2014	64.61	64.64	63.09	55.00	54.29	54.83	55.42	55.76	56.02	56.64	59.11	61.58
2015	68.64	68.67	67.02	58.34	57.58	58.17	58.79	59.16	59.44	60.11	62.75	65.40
2016	68.71	68.74	67.09	58.44	57.69	58.27	58.89	59.26	59.54	60.20	62.84	65.48
2017	70.40	70.44	68.75	59.89	59.11	59.71	60.35	60.72	61.01	61.69	64.39	67.10
2018	72.08	72.12	70.39	61.32	60.52	61.13	61.79	62.17	62.47	63.16	65.93	68.70
2019	75.16	75.20	73.39	63.89	63.06	63.69	64.38	64.78	65.09	65.82	68.72	71.62
2020	78.23	78.26	76.37	66.44	65.57	66.24	66.96	67.38	67.70	68.46	71.49	74.52
2021	80.05	80.09	78.15	68.00	67.11	67.79	68.52	68.95	69.28	70.06	73.16	76.26
2022	81.89	81.93	79.95	69.56	68.65	69.34	70.10	70.53	70.87	71.67	74.84	78.01
2023	83.77	83.81	81.78	71.15	70.22	70.94	71.71	72.15	72.50	73.31	76.56	79.80
2024	85.66	85.70	83.63	72.76	71.80	72.53	73.32	73.78	74.14	74.97	78.29	81.60
2025	87.66	87.70	85.58	74.46	73.48	74.23	75.04	75.50	75.87	76.72	80.11	83.51
2026	89.67	89.72	87.55	76.17	75.17	75.93	76.76	77.24	77.61	78.48	81.95	85.43

Under the Fixed Price Option, the Company will pay Seller the Off-Peak Avoided Cost pursuant to Table 2 for: (a) all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year; (c) any generation subject to and as adjusted by the provisions of Section 4.3 of the Standard Contract; (d) Net Output delivered in the Off-Peak Period; and (e) deliveries above the nameplate capacity in any hour. All other purchases will be at On-Peak prices. (See Appendix 1, the Standard Contract for defined terms.)

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued)

MARKET BASED PRICE OPTIONS:

Market Based Price Options include Option 2, Deadband Index Gas Price; Option 3, Index Gas Price; and Option 4, Dow Jones Mid-Columbia Daily On- and Off-Peak Electricity Firm Price Index (DJ-Mid-C Firm Index). The price components for pricing Options 2 and 3 are defined as follows:

On Peak Price:	P _{Peak}
Off Peak Price:	P _{Off}
Variable Operating and Maintenance, Fixed Costs, and Gas Transportation (Table 6):	VFG
Capacity Value (Table 7):	С
Heat Rate:	HR = 6,776 BTU/kWh
Losses:	1.9%
Forecasted Gas Price (Table 5):	GP _F
First of Month* Northwest Pipeline Corp. Canadian Border Index as Reported in <u>Platts</u> <u>Inside FERC's Gas Market Report</u> First of Month* one-month spot price averages for AECO/NIT transactions as Reported in <u>Canadian Gas Price Reporter</u> <u>Natural Gas Market Report (</u> in US dollars):	GP _{Sumas} GP _{AECO}
Monthly Indexed Gas Price:	$GP_{MI} = (GP_{Sumas} + GP_{AECO})/2$
Deadband Gas Index:	GP _{DB}
Where: If $GP_{MI}>GP_F$ $GP_{DB} = Minimum of (GP_{MI} or 1.1*GP_F)$ Otherwise $GP_{DB} = Maximum of (GP_{MI} or .9*GP_F)$	

* "First of Month" means the first such monthly issuance.

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

Tables 3 and 4 below list applicable rates for Options 2 (Deadband Index Gas Price Option) and 3 (Index Gas Price Option) for the period through 2008. The monthly On- and Off-Peak prices will be applied for all Market Based Price Options.

TABLE 3												
On-Peak Resource Sufficiency Rate (\$/MWH)												
Month												
Year	<u>Jan</u>	<u>Feb</u>	Mar	<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	Sep	Oct	<u>Nov</u>	Dec
2007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	68.02	63.69	57.34	63.20	73.39
2008	74.92	72.37	66.26	59.12	54.28	51.48	77.47	87.91	81.80	68.80	75.43	82.56
2009	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58
2010	83.33	77.72	69.57	60.14	55.56	51.74	79.50	91.73	83.07	69.57	76.45	83.58
2011	80.72	75.30	67.40	58.28	53.85	50.15	77.02	88.86	80.47	67.49	74.15	81.05

TABLE 4												
Off-Peak Resource Sufficiency Rate (\$/MWH)												
Month												
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	Nov	Dec
2007	N/A	49.42	50.44	49.19	54.28	64.98						
2008	67.02	62.95	56.07	43.84	36.71	34.67	58.61	72.37	69.82	61.16	66.77	74.41
2009	77.98	64.47	56.83	45.37	37.22	36.20	60.14	73.90	69.31	61.16	66.77	74.41
2010	75.54	62.48	55.08	43.98	36.08	35.11	58.28	71.60	67.15	59.27	64.69	72.09
2011	74.54	61.65	54.36	43.41	35.63	34.66	57.51	70.65	66.28	58.58	63.93	71.23

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

2) Deadband Index Gas Price Option

The Deadband Index Gas Price Option bases the fuel price component of the Energy rate on comparisons between the Forecast Gas Price (Table 5) and the simple average of the First of Month gas indices for Sumas and AECO trading hubs. The Northwest Pipeline Gas Index (Sumas) will be as reported in <u>Platts Inside FERC's Gas Market Report</u>. The AECO/NIT (AECO) Gas Index will be as reported in <u>Canadian Gas Price Reporter Natural Gas Market Report</u> (in US dollars). The fuel price component used will be bound between 90% and 110% of the natural gas price forecast but based on the then current gas price.

The price paid per MWh will be:

 $\begin{array}{rcl} P_{\mathsf{Peak}} &= & \mathsf{GP}_{\mathsf{DB}}^*\mathsf{HR}/1,000/(1\text{-}\mathsf{Losses}) + \mathsf{VFG} + \mathsf{C} \\ \mathsf{P}_{\mathsf{Off}} &= & \mathsf{GP}_{\mathsf{DB}}^*\mathsf{HR}/1,000/(1\text{-}\mathsf{Losses}) + \mathsf{VFG} \end{array}$

Under the Deadband method, the Company will pay Seller the Off-Peak prices for: (a) all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year; (c) any generation subject to and as adjusted by the provisions of Section 4.3 of the

Standard Contract; (d) Net Output delivered in the Off-Peak Period; and (e) deliveries above the nameplate capacity in any hour. All other purchases will be at On-Peak prices. (See Appendix 1, the Standard Contract for defined terms.)

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

3) Index Gas Price Option

The Index Gas Price Option is the simple average of the First of Month gas indices for Sumas and AECO trading hubs used in establishing the Avoided Costs. The Sumas Gas Index will be as reported in <u>Platts Inside FERC's Gas Market Report</u>. The AECO Gas Index will be as reported in the <u>Canadian Gas Price Reporter Natural Gas Market Report</u> (in US dollars).

The price paid per MWh will be:

 $P_{Peak} = GP_{MI}^{*}HR/1,000/(1-Losses) +VFG +C$ $P_{Off} = GP_{MI}^{*}HR/1,000/(1-Losses) +VFG$

Under the Index Gas Price, the Company will pay Seller the Off-Peak Prices for: (a) for all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year; (c) any generation subject to and as adjusted by the provisions of Section 4.3 of the Standard Contract; (d) for Net Output delivered in the Off-Peak Period; and (e) deliveries above the nameplate capacity in any hour. All other purchases will be at On-Peak prices. (See Appendix 1, the Standard Contract for defined terms.)

4) Mid C Index Price Option

Under this option, prices paid per MWh will be based on the DJ-Mid-C Firm Index plus 0.204 ¢ per kWh for wholesale wheeling.

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

The tables below contain the gas pricing components for Option 1 (Fixed Price Option) and Option 2 (Deadband Index Gas Price Option).

TABLE 5												
	Forecasted Gas Price - GP _F (\$/MMBTU)											
	Month											
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
2012	7.084	7.080	6.895	5.880	5.784	5.844	5.908	5.952	5.992	6.077	6.410	6.743
2013	7.245	7.241	7.052	6.013	5.915	5.976	6.042	6.087	6.128	6.214	6.555	6.896
2014	7.610	7.606	7.408	6.316	6.213	6.278	6.347	6.394	6.437	6.528	6.886	7.244
2015	8.151	8.146	7.934	6.765	6.654	6.723	6.797	6.848	6.894	6.991	7.375	7.758
2016	8.125	8.120	7.908	6.743	6.633	6.702	6.776	6.826	6.872	6.969	7.351	7.733
2017	8.325	8.320	8.103	6.909	6.796	6.867	6.942	6.994	7.041	7.141	7.532	7.924
2018	8.525	8.520	8.298	7.075	6.959	7.032	7.109	7.162	7.211	7.312	7.713	8.114
2019	8.925	8.920	8.688	7.407	7.286	7.362	7.443	7.499	7.549	7.655	8.075	8.495
2020	9.326	9.320	9.077	7.740	7.613	7.692	7.777	7.835	7.888	7.999	8.437	8.876
2021	9.540	9.534	9.286	7.917	7.787	7.868	7.955	8.014	8.069	8.182	8.631	9.080
2022	9.759	9.753	9.499	8.099	7.966	8.049	8.137	8.198	8.254	8.370	8.829	9.288
2023	9.983	9.977	9.717	8.285	8.149	8.234	8.324	8.386	8.443	8.562	9.032	9.502
2024	10.212	10.206	9.940	8.475	8.336	8.423	8.515	8.579	8.637	8.758	9.239	9.720
2025	10.446	10.440	10.168	8.669	8.527	8.616	8.711	8.776	8.835	8.959	9.451	9.943
2026	10.686	10.680	10.401	8.868	8.723	8.814	8.911	8.977	9.038	9.165	9.668	10.171

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

Table 6 contains the Variable O&M and Fixed Costs that are derived from a natural gas-fired CCCT as identified in the Company's 2004 Integrated Resource Plan.

TABLE 6												
Variable O &M, Fixed Costs and Gas Transportation Forecast – VFG (\$/MWH)												
	Month											
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	Dec
2012	12.07	12.07	12.05	11.90	11.88	11.89	11.90	11.91	11.91	11.93	11.98	12.02
2013	12.38	12.38	12.35	12.19	12.18	12.19	12.20	12.20	12.21	12.22	12.27	12.32
2014	12.69	12.69	12.66	12.50	12.48	12.49	12.50	12.51	12.52	12.53	12.58	12.64
2015	13.04	13.03	13.00	12.83	12.81	12.82	12.84	12.84	12.85	12.86	12.92	12.98
2016	13.28	13.28	13.25	13.08	13.06	13.07	13.08	13.09	13.09	13.11	13.16	13.22
2017	13.61	13.61	13.58	13.40	13.39	13.40	13.41	13.42	13.42	13.44	13.49	13.55
2018	13.93	13.93	13.89	13.71	13.70	13.71	13.72	13.73	13.73	13.75	13.81	13.87
2019	14.28	14.28	14.24	14.05	14.03	14.05	14.06	14.07	14.07	14.09	14.15	14.21
2020	14.61	14.61	14.57	14.37	14.35	14.37	14.38	14.39	14.39	14.41	14.48	14.54
2021	14.97	14.97	14.93	14.73	14.71	14.72	14.74	14.75	14.75	14.77	14.84	14.90
2022	15.32	15.31	15.28	15.07	15.05	15.06	15.08	15.08	15.09	15.11	15.18	15.25
2023	15.67	15.67	15.63	15.42	15.40	15.41	15.42	15.43	15.44	15.46	15.53	15.60
2024	16.00	16.00	15.96	15.74	15.72	15.73	15.75	15.76	15.77	15.78	15.85	15.93
2025	16.40	16.40	16.36	16.13	16.11	16.13	16.14	16.15	16.16	16.18	16.25	16.32
2026	16.77	16.77	16.73	16.51	16.48	16.50	16.51	16.52	16.53	16.55	16.62	16.70

PRICING OPTIONS FOR STANDARD CONTRACTS (Continued) MARKET BASED PRICE OPTIONS (Continued)

Table 7 represents the variable C in the formulas for Option 2 (Deadband Index Gas Price Option) and Option 3 (Index Gas Price Option).

TABLE 7												
	Capacity Value - C (\$/MWH)											
	Month											
Year	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov	<u>Dec</u>
2012	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39	16.39
2013	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77	16.77
2014	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16	17.16
2015	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55
2016	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90	17.90
2017	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43
2018	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79	18.79
2019	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22	19.22
2020	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60
2021	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12	20.12
2022	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58	20.58
2023	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12	21.12
2024	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47	21.47
2025	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03	22.03
2026	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54	22.54

MONTHLY SERVICE CHARGE

Each separately metered QF not associated with a retail Customer account will be charged \$10.00 per month.

INSURANCE REQUIREMENTS

The following insurance requirements are applicable to Sellers with a Standard Contract:

- 1) QFs with nameplate capacity ratings greater than 200 kW are required to secure and maintain a prudent amount of general liability insurance. The Seller must certify to the Company that it is maintaining general liability insurance coverage for each QF at prudent amounts. A prudent amount will be deemed to mean liability insurance coverage for both bodily injury and property damage liability in the amount of not less than \$1,000,000 each occurrence combined single limit, which limits may be required to be increased or decreased by the Company as the Company determines in its reasonable judgment economic conditions or claims experience may warrant.
- 2) Such insurance will include an endorsement naming the Company as an additional insured insofar as liability arising out of operations under this schedule and a provision that such liability policies will not be canceled or their limits reduced without 30 days' written notice to the Company. The Seller will furnish the Company with certificates of insurance together with the endorsements required herein. The Company will have the right to inspect the original policies of such insurance.
- 3) QFs with a design capacity of 200 kW or less are encouraged to pursue liability insurance on his/her own. The Oregon Public Utility Commission in Order No. 05-584 determined that it is inappropriate to require QFs that have a design capacity of 200 kW or less to obtain general liability insurance.

TRANSMISSION AGREEMENTS

If the QF is located outside the Company's service territory, the Seller is responsible for the transmission of power at its cost to the Company's service territory.

INTERCONNECTION REQUIREMENTS

Except as otherwise provided in a generation Interconnection Agreement between the Company and Seller, if the QF is located within the Company's service territory, switching equipment capable of isolating the QF from the Company's system will be accessible to the Company at all times. At the Company's option, the Company may operate the switching equipment described above if, in the sole opinion of the Company, continued operation of the QF in connection with the utility's system may create or contribute to a system emergency.

INTERCONNECTION REQUIREMENTS (Continued)

The QF owner interconnecting with the Company's distribution system must comply with all requirements for interconnection as established <u>pursuant to Commission rule</u>, in <u>the Company's</u> <u>Rules and Regulations (Rule C)</u> or the Company's Interconnection Procedures contained in its FERC Open Access Transmission Tariff (OATT), as applicable. The Seller will bear full responsibility for the installation and safe operation of the interconnection facilities.

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD RATES AND STANDARD CONTRACT

A QF will be eligible to receive the standard rates and Standard Contract if the nameplate capacity of the QF, together with any other electric generating facility using the same motive force, owned or controlled by the same person(s) or affiliated person(s), and located at the same site, does not exceed 10 MW.

Definition of Person(s) or Affiliated Person(s)

As used above, the term "same person(s)" or "affiliated person(s)" means a natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. However, two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) solely because they are developed by a single entity.

Furthermore, two facilities will not be held to be owned or controlled by the same person(s) or affiliated person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit. A unit of Oregon local government may also be a "passive investor" if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

Definition of Same Site

For purposes of the foregoing, generating facilities are considered to be located at the same site as the QF for which qualification for the standard rates and Standard Contract is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for the standard rates and standard contract is sought.

SCHEDULE 201 (Concluded)

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD RATES AND STANDARD CONTRACT (Continued)

Shared Interconnection and Infrastructure

QFs otherwise meeting the above-described separate ownership test and thereby qualified for entitlement to the standard rates and Standard Contract will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for the standard rates and Standard Contract so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection contract requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved Standard Contract.

Dispute Resolution

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to the standard rates and Standard Contract. Any dispute concerning a QF's entitlement to the standard rates and Standard Contract shawill be presented to the Commission for resolution.

SPECIAL CONDITIONS

- 1. Delivery of energy by Seller will be at a voltage, phase, frequency, and power factor as specified by the Company.
- If the Seller also receives retail Electricity Service from the Company at the same location, any payments under this schedule will be credited to the Seller's retail Electricity Service bill. At the option of the Customer, any net credit over \$10.00 will be paid by check to the Customer.
- Contracts entered into pursuant to this schedule will not terminate prior to the Standard or negotiated contract's termination date if the 1978 Public Utility Regulatory Policies Act (PURPA) is repealed.

TERM OF AGREEMENT

Not less than one year and not to exceed 20 years.

STANDARD CONTRACT POWER PURCHASE AGREEMENT FOR

INTERMITTENT RESOURCES

THIS AGREEMENT, entered into this _____ day, ____ 200___, is between _____ ("Seller") and Portland General Electric Company ("PGE") (hereinafter each a "Party" or collectively, "Parties").

RECITALS

Seller intends to construct, own, operate and maintain a ______ facility for the generation of electric power located in ______ County, with a Nameplate Capacity Rating of ______ kilowatt ("kW"), as further described in Exhibit B ("Facility"); and

Seller intends to operate the Facility as a "Qualifying Facility," as such term is defined in Section 3.1.3, below.

Seller shall sell and PGE shall purchase the entire Net Output, as such term is defined in Section 1.18, below, from the Facility in accordance with the terms and conditions of this Agreement.

<u>AGREEMENT</u>

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" means the supplement to Exhibit B provided by Seller in accordance with Section 4.3 following completion of construction of the Facility, describing the Facility as actually built.

1.2. "Base Hours" is defined as the total number of hours per Contract Year (8,760 or 8,784 for leap year).

1.3. "Billing Period" means a period between PGE's readings of its power purchase billing meter at the Facility in the normal course of PGE's business. Such periods typically vary and may not coincide with calendar months.

1.4. "Capacity Value" has the meaning provided for in the Tariff (as defined below).

1.5. "Cash Escrow" means an agreement by two parties to place money into the custody of a third party for delivery to a grantee only after the fulfillment of the conditions specified.

1.6. "Commercial Operation Date" means the date that the Facility is deemed by PGE to be fully operational and reliable which shall require, among other things, that all of the following events have occurred:

1.6.1. PGE has received a certificate addressed to PGE from a Licensed Professional Engineer ("LPE") acceptable to PGE in its reasonable judgment stating that the Facility is able to generate electric power reliably in accordance with the terms and conditions of this Agreement (certifications required under this Section 1.6 can be provided by one or more LPEs);

1.6.2. Start-Up Testing of the Facility has been completed in accordance with Section 1.27;

1.6.3. After PGE has received notice of completion of Start-Up Testing, PGE has received a certificate addressed to PGE from an LPE stating that the Facility has operated for testing purposes under this Agreement uninterrupted for a Test Period at a rate in kW of at least 75 percent of average annual Net Output divided by 8,760 based upon any sixty (60) minute period for the entire testing period. The Facility must provide ten (10) working days written notice to PGE prior to the start of the initial testing period. If the operation of the Facility is interrupted during this initial testing period or any subsequent testing period, the Facility shall promptly start a new Test Period and provide PGE forty-eight (48) hours written notice prior to the start of such testing period;

1.6.4. PGE has received a certificate addressed to PGE from an LPE stating that in accordance with the Generation Interconnection Agreement, all required interconnection facilities have been constructed, all required interconnection tests have been completed; and the Facility is physically interconnected with PGE's electric system.

1.6.5. PGE has received a certificate addressed to PGE from an LPE stating that Seller has obtained all Required Facility Documents and, if requested by PGE in writing, has provided copies of any or all such requested Required Facility Documents;

1.7. "Contract Price" means the applicable price as selected by Seller in Section 5.

1.8. "Contract Year" means each twelve (12) month period commencing at 00:00 hours on January 1 and ending on 24:00 hours on December 31 falling at least partially in the Term of this Agreement.

1.9. "Effective Date" has the meaning set forth in Section 2.1.

1.10. "Environmental Attributes" means any and all current or future credits, benefits, emissions reductions, environmental air quality credits, emissions reduction credits, offsets and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical or other substance attributable to the Facility during the Term, or otherwise attributable to the generation, purchase, sale or use of energy from or by the Facility during the Term, including without limitation any of the same arising out of legislation or regulation concerned with oxides of nitrogen, sulfur or carbon, with particulate matter, soot or mercury, or implementing the United Nations Framework Convention on Climate Change (the "UNFCCC") or the Kyoto Protocol to the UNFCCC or crediting "early action" emissions reduction, or laws or regulations involving or administered by the Clean Air Markets Division of the Environmental Protection Agency or successor administrator, or any State or federal entity given jurisdiction over a program involving transferability of Environmental Attributes, and any Green Tag Reporting Rights to such Environmental Attributes.

1.11. "Facility" has the meaning set forth in the Recitals.

1.12. "Generation Interconnection Agreement" means the generation interconnection agreement to be entered into separately between Seller and PGE, providing for the construction, operation, and maintenance of PGE's interconnection facilities required to accommodate deliveries of Seller's Net Output.

1.13. "Letter of Credit" means an engagement by a bank or other person made at the request of a customer that the issuer will honor drafts or other demands for payment upon compliance with the conditions specified in the letter of credit.

1.14. "Licensed Professional Engineer" or "LPE" means a person who is licensed to practice engineering in the state where the Facility is located, 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 and be acceptable to PGE in its reasonable judgment.

1.15. "Mechanical Availability Percentage" or "MAP" shall mean that percentage for any Contract Year for the Facility calculated in accordance with the following formula:

MAP = 100 X (Operational Hours) /(Base Hours)

1.16. "Nameplate Capacity Rating" means the maximum capacity of the Facility as stated by the manufacturer, expressed in kW, which shall not exceed 10,000 kW.

1.17. "Net Dependable Capacity" means the maximum capacity the Facility can sustain over a specified period modified for seasonal limitations, if any, and reduced by the capacity required for station service or auxiliaries.

1.18. "Net Output" means all energy expressed in kWhs produced by the Facility, less station and other onsite use and less transformation and transmission losses. Net Output does not include any environmental attributes.

1.19. "Off-Peak Hours" has the meaning provided in the Tariff.

1.20. "On-Peak Hours" has the meaning provided in the Tariff.

1.21. "Operational Hours" for the Facility means the number of hours the Facility is potentially capable of producing power at its Nameplate Capacity Rating regardless of actual weather conditions, without any mechanical operating constraint or restriction, and potentially capable of delivering such power to the Point of Delivery. Hours during which an event of Force Majeure exists that prevents the Facility from producing or delivering power shall be considered Operational Hours.

1.22. "Point of Delivery" means the high side of the generation step up transformer(s) located at the point of interconnection between the Facility and PGE's distribution or transmission system, as specified in the Generation Interconnection Agreement.

1.23. "Prime Rate" means the publicly announced prime rate or reference 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 or reference 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, N.Y., selected by the Party to whom interest based on the prime rate is being paid.

1.24. "Prudent Electrical Practices" means those practices, methods, standards and acts engaged in or approved by a significant portion of the electric power industry in the Western Electricity Coordinating Council that at the relevant time period, in the exercise of reasonable judgment in light of the facts known or that should reasonably have been known at the time a decision was made, would have been expected to accomplish the desired result in a manner consistent with good business practices, reliability, economy, safety and expedition, and which practices, methods, standards and acts reflect due regard for operation and maintenance standards recommended by applicable equipment suppliers and manufacturers, operational limits, and all applicable laws and regulations. Prudent Electrical Practices are not intended to be limited to the optimum practice, method, standard or act to the exclusion of all others, but rather to those practices, methods and acts generally acceptable or approved by a significant portion of the electric power generation industry in the relevant region, during the relevant period, as described in the immediate preceding sentence.

1.25. "Required Facility Documents" means all licenses, permits, authorizations, and agreements necessary for construction, operation, interconnection, and maintenance of the Facility including without limitation those set forth in Exhibit B.

1.26. "Senior lien" means a prior lien which has precedence as to the property under the lien over another lien or encumbrance.

1.27. "Start-Up Testing" means the completion of applicable required factory and start-up tests as set forth in Exhibit C.

1.28. "Step-in rights" means the right of one party to assume an intervening position to satisfy all terms of an agreement in the event the other party fails to perform its obligations under the agreement.

1.29. "Tariff" shall mean PGE rate Schedule 201 filed with the Oregon Public Utilities Commission in effect on the Effective Date of this Agreement and attached hereto as Exhibit D.

1.30. "Term" shall mean the period beginning on the Effective Date and ending on the Termination Date.

1.31. "Test Period" shall mean a period of sixty (60) days or a commercially reasonable period determined by the Seller.

References to Recitals, Sections, and Exhibits are to be the recitals, sections and exhibits of this Agreement.

SECTION 2: TERM; COMMERCIAL OPERATION DATE

2.1 This Agreement shall become effective upon execution by both Parties ("Effective Date").

2.2 Time is of the essence of this Agreement, and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to complete all requirements to establish the Commercial Operation Date is critically important. Therefore,

2.2.1 By _____ [*date to be determined by the Seller*] Seller shall begin initial deliveries of Net Output; and

2.2.2 By _____ [*date to be determined by the Seller*] Seller shall have completed all requirements under Section 1.6 and shall have established the Commercial Operation Date.

2.2.3 In the event Seller is unable to meet the requirements of Sections 2.2.1 and 2.2.2, PGE may terminate this agreement in accordance with Section 10.

2.3 This Agreement shall terminate on _____, ___ [*date to be chosen by Seller*], up to 20 years from the Effective Date, or the date the Agreement is terminated in accordance with Section 10 or 12, whichever is earlier ("Termination Date").

SECTION 3: REPRESENTATIONS AND WARRANTIES

3.1 Seller and PGE represent, covenant, and warrant as follows:

3.1.1 Seller warrants it is a _____ duly organized under the laws of _____.

3.1.2 Seller warrants that 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.

3.1.3 Seller warrants that the Facility is and shall for the Term of this Agreement continue to be a "Qualifying Facility" ("QF") as that term is defined in the version of 18 C.F.R. Part 292 in effect on the Effective Date. Seller has provided the appropriate QF certification, which may include a Federal Energy Regulatory Commission ("FERC") self-certification to PGE prior to PGE's execution of this Agreement. At any time during the Term of this Agreement, PGE may require Seller to provide PGE with evidence satisfactory to PGE in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements.

3.1.4 Seller warrants that it has not within the past two (2) years been the debtor in any bankruptcy proceeding, and Seller is and will continue to be for the Term of this Agreement current on all of its financial obligations.

3.1.5 Seller warrants that during the Term of this Agreement, all of Seller's right, title and interest in and to the Facility shall be free and clear of all liens and encumbrances other than liens and encumbrances arising from third-party financing of the Facility 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 acceptable to PGE posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

3.1.6 Seller warrants that it will design and operate the Facility consistent with Prudent Electrical Practices.

3.1.7 Seller warrants that the Facility has a Nameplate Capacity Rating not greater than 10,000 kW.

3.1.8 Seller warrants that Net Dependable Capacity of the Facility is _____ kW.

3.1.9 Seller estimates that the average annual Net Output to be delivered by the Facility to PGE is ______ kilowatt-hours ("kWh"), which amount PGE will include in its resource planning.

3.1.10 Seller represents and warrants that the facility shall achieve the following Mechanical Availability Percentages ("Guarantee of Mechanical Availability"):

- 3.1.10.1 Ninety-one percent (91%) for the first Contract Year; and
- 3.1.10.2 Ninety-five percent (95%) beginning Contract Year two and extending throughout the remainder of the Term.
- 3.1.10.3 Annually, by March 1st, Seller shall send to PGE a detailed written report demonstrating and providing evidence of the actual MAP for the previous Contract Year.

3.1.11 Seller will deliver from the Facility to PGE at the Point of Delivery Net Output not to exceed a maximum of _____ kWh of Net Output during each Contract Year ("Maximum Net Output").

3.1.12 Seller has entered into a Generation Interconnection Agreement for a term not less than the term of this Agreement.

3.1.13 PGE warrants that it has not within the past two (2) years been the debtor in any bankruptcy proceeding, and PGE is and will continue to be for the Term of this Agreement current on all of its financial obligations.

3.1.14 Seller will not make any changes in its ownership, control or management during the term of this Agreement that would cause it to not be in compliance with the Definition of a Small Cogeneration Facility or Small Power Production Facility Eligible to Receive the Standard Rates and Standard Contract approved by the Commission at the time this Agreement is executed. Seller will provide, upon request by Buyer not more frequently than every 36 months, such documentation and information as may be reasonably required to establish Seller's continued compliance with such Definition. Buyer agrees to take reasonable steps to maintain the confidentiality of any portion of the above described documentation and information that the Seller identifies as confidential except Buyer will provide all such confidential information to the Public Utility Commission of Oregon upon the Commission's request.

SECTION 4: DELIVERY OF POWER

4.1 Commencing on the Effective Date and continuing through the Term of this Agreement, Seller shall sell to PGE the entire Net Output delivered from the Facility at the Point of Delivery.

4.2 PGE shall pay Seller the Contract Price for all delivered Net Output.

4.3 Upon completion of construction of the Facility, Seller shall provide PGE an As-built Supplement to specify the actual Facility as built. Seller shall not increase the Nameplate Capacity Rating above that specified in Exhibit B or increase the ability of the Facility to deliver Net Output in quantities in excess of the Net Dependable Capacity, or the Maximum Net Output as described in Section 3.1.11 above, through any means including, but not limited to, replacement, modification, or addition of existing equipment, except with prior written notice to PGE. In the event Seller increases the Nameplate Capacity Rating of the Facility to no more than 10,000 kW pursuant to this section, PGE shall pay the Contract Price for the additional delivered Net Output. In the event Seller increases the Nameplate Capacity Rating to greater than 10,000 kW, then Seller shall be required to enter into a new power purchase agreement for all delivered Net Output proportionally related to the increase of Nameplate Capacity above 10,000kW.

4.4 To the extent not otherwise provided in the Generation Interconnection Agreement, all costs associated with the modifications to PGE's interconnection facilities or electric system occasioned by or related to the interconnection of the Facility with PGE's system, or any increase in generating capability of the Facility, or any increase of delivery of Net Dependable Capacity from the Facility, shall be borne by Seller.

4.5 Seller may report under §1605(b) of the Energy Policy Act of 1992 or under any applicable program as belonging to Seller any of the Environmental Attributes produced with respect to the Facility, and PGE shall not report under such program that such Environmental Attributes belong to it.

SECTION 5: CONTRACT PRICE

PGE shall pay Seller for the price options 5.1, 5.2, 5.3 or 5.4, as selected below, pursuant to the Tariff. Seller shall indicate which price option it chooses by marking its choice below with an X. If Seller chooses the option in Section 5.1, it must mark below a single second option from Section 5.2, 5.3, or 5.4 for all Contract Years in excess of 15 until the remainder of the Term. Except as provided herein, Sellers selection is for the Term and shall not be changed during the Term.

- 5.1 ____ Fixed Price
- 5.2 ____ Deadband Index Gas Price
- 5.3 Index Gas Price
- 5.4 Mid-C Index Rate Price

SECTION 6: OPERATION AND CONTROL

6.1 Seller shall operate and maintain the Facility in a safe manner in accordance with the Generation Interconnection Agreement, and Prudent Electrical Practices. PGE shall have no obligation to purchase Net Output from the Facility to the extent the interconnection of the Facility to PGE's electric system is disconnected, suspended or interrupted, in whole or in part, pursuant to the Generation Interconnection Agreement, or to the extent generation curtailment is required as a result of Seller's noncompliance with the Generation Interconnection Agreement. Seller is solely responsible for the operation and maintenance of the Facility. PGE 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 the Facility.

6.2 Seller agrees to provide sixty (60) days advance written notice of any scheduled maintenance that would require shut down of the Facility for any period of time.

6.3 If the Facility ceases operation for unscheduled maintenance, Seller immediately shall notify PGE of the necessity of such unscheduled maintenance, the time when such maintenance has occurred or will occur, and the anticipated duration of such maintenance. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled maintenance, to limit the duration of such unscheduled maintenance, and to perform unscheduled maintenance during Off-Peak hours.

SECTION 7: CREDITWORTHINESS

In the event Seller: a) is unable to represent or warrant as required by Section 3 that it has not been a debtor in any bankruptcy proceeding within the past two (2) years; b) becomes such a debtor during the Term; or c) is not or will not be current on all its financial obligations, Seller shall immediately notify PGE and shall promptly (and in no less than 10 days after notifying PGE) provide default security in an amount reasonably acceptable to PGE in one of the following forms: Senior Lien, Step in Rights, a Cash Escrow or Letter of Credit. The amount of such default security that shall be acceptable to PGE shall be equal to: (annual On Peak Hours) X (On Peak Price – Off Peak Price) X (Net Dependable Capacity). Notwithstanding the foregoing, in the event Seller is not current on construction related financial obligations, Seller shall notify PGE of such delinquency and PGE may, in its discretion, grant an exception to the requirements to provide default security if the QF has negotiated financial arrangements with the construction loan lender that mitigate Seller's financial risk to PGE.

SECTION 8: METERING

8.1 PGE shall design, furnish, install, own, inspect, test, maintain and replace all metering equipment at Seller's cost and as required pursuant to the Generation Interconnection Agreement.

8.2 Metering shall be performed at the location and in a manner consistent with this Agreement and as specified in the Generation Interconnection Agreement. All Net Output purchased hereunder shall be adjusted to account for electrical losses, if any, between the point of metering and the Point of Delivery, so that he purchased amount reflects the net amount of power flowing into PGE's system at the Point of Delivery.

8.3 PGE shall periodically inspect, test, repair and replace the metering equipment as provided in the Generation Interconnection Agreement. If any of the inspections or tests discloses an error exceeding two (2%) percent of the actual energy delivery, 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) months, 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, when made, shall constitute full adjustment of any claim between Seller and PGE arising out of such inaccuracy of metering equipment.

8.4 To the extent not otherwise provided in the Generation Interconnection Agreement, all of PGE's costs relating to all metering equipment installed to accommodate Seller's Facility shall be borne by Seller.

SECTION 9: BILLINGS, COMPUTATIONS AND PAYMENTS

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

9.2 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: DEFAULT, REMEDIES AND TERMINATION

10.1 In addition to any other event that may constitute a default under this Agreement, the following events shall constitute defaults under this Agreement:

10.1.1 Breach by Seller or PGE of a representation or warranty, except for Section 3.1.4, set forth in this Agreement.

10.1.2 Seller's failure to provide default security, if required by Section 7, prior to delivery of any Net Output to PGE or within 10 days of notice.

10.1.3 Seller's failure to meet the MAP established in Section 3.1.10 – Guarantee of Mechanical Availability for any single Contract Year or Seller's failure to provide any written report required by that section.

10.1.4 If Seller is no longer a Qualifying Facility.

10.1.5 Failure of PGE to make any required payment pursuant to Section 9.1.

10.2 In the event of a default hereunder, the non-defaulting party may immediately terminate this Agreement at its sole discretion by delivering written notice to the other Party, and, except for damages related to a default pursuant to Section 10.1.3 by a QF sized at 100 kW or smaller, may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement including damages related to the need to procure replacement power. Such termination shall be effective upon the date of delivery of notice, as provided in Section 21. The rights provided in this Section 10 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights.

10.3 If this Agreement is terminated as provided in this Section 10 PGE shall make all payments, within thirty (30) days, that, pursuant to the terms of this Agreement, are owed to Seller as of the time of receipt of notice of default. PGE shall not be required to pay Seller for any Net Output delivered by Seller after such notice of default.

10.4 In the event PGE terminates this Agreement pursuant to this Section 10, and Seller wishes to again sell Net Output to PGE following such termination, PGE 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 Term of this Agreement (as set forth in Section 2.3) would have run in due course had the Agreement remained in effect. At such time Seller and PGE agree to execute a written document ratifying the terms of this Agreement.

10.5 Sections 10.1, 10.3, 10.4, 11, and 20.2 shall survive termination of this Agreement.

SECTION 11: INDEMNIFICATION AND LIABILITY

11.1 Seller agrees to defend, indemnify and hold harmless PGE, its directors, officers, agents, and representatives against and from any and all loss, 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 Seller's delivery of electric power to PGE or with the facilities at or prior to the Point of Delivery, or otherwise arising out of 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 PGE, Seller or others, excepting to the extent such loss, claim, action or suit may be caused by the negligence of PGE, its directors, officers, employees, agents or representatives.

11.2 PGE agrees to defend, indemnify and hold harmless Seller, its directors, officers, agents, and representatives against and from any and all loss, 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 PGE's receipt of electric power from Seller or with the facilities at or after the Point of Delivery, or otherwise arising out of 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 PGE, Seller or others, excepting to the extent such loss, claim, action or suit may be caused by the negligence of Seller, its directors, officers, employees, agents or representatives.

11.3 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 PGE as an independent public utility corporation or Seller as an independent individual or entity.

11.4 NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR SPECIAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER ARISING FROM CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.

SECTION 12: INSURANCE

12.1 Prior to the connection of the Facility to PGE's electric system, provided such Facility has a design capacity of 200 kW or more, Seller shall secure and continuously carry for the Term hereof, with an insurance company or companies rated not lower than "B+" by the A. M. Best Company, insurance policies for bodily injury and property damage liability. Such insurance shall include provisions or endorsements naming PGE, it directors, officers and employees as additional insureds; provisions that such insurance is primary insurance with respect to the interest of PGE and that any insurance maintained by PGE is excess and not contributory insurance with the insurance required hereunder; a cross-liability or severability of insurance interest

clause; and provisions that such policies shall not be canceled or their limits of liability reduced without thirty (30) days' prior written notice to PGE. Initial limits of liability for all requirements under this section shall be \$1,000,000 million single limit, which limits may be required to be increased or decreased by PGE as PGE determines in its reasonable judgment economic conditions or claims experience may warrant.

12.2 Prior to the connection of the Facility to PGE's electric system, provided such facility has a design capacity of 200kW or more, Seller shall secure and continuously carry for the Term hereof, in an insurance company or companies rated not lower than "B+" by the A. M. Best Company, insurance acceptable to PGE against property damage or destruction in an amount not less than the cost of replacement of the Facility. Seller promptly shall notify PGE of any loss or damage to the Facility. Unless the Parties agree otherwise, Seller shall repair or replace the damaged or destroyed Facility, or if the facility is destroyed or substantially destroyed, it may terminate this Agreement. Such termination shall be effective upon receipt by PGE of written notice from Seller. Seller shall waive its insurers' rights of subrogation against PGE regarding Facility property losses.

12.3 Prior to the connection of the Facility to PGE's electric system and at all other times such insurance policies are renewed or changed, Seller shall provide PGE with a copy of each insurance policy required under this Section, certified as a true copy by an authorized representative of the issuing insurance company or, at the discretion of PGE, in lieu thereof, a certificate in a form satisfactory to PGE certifying the issuance of such insurance. If Seller fails to provide PGE with copies of such currently effective insurance policies or certificates of insurance, PGE at its sole discretion and without limitation of other remedies, may upon ten (10) days advance written notice by certified or registered mail to Seller either withhold payments due Seller until PGE has received such documents, or purchase the satisfactory insurance and offset the cost of obtaining such insurance from subsequent power purchase payments under this Agreement.

SECTION 13: FORCE MAJEURE

13.1 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 PGE 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 resources to operate the Facility, changes in market conditions that affect

the price of energy or transmission, wind or water droughts, and obligations for the payment of money when due.

13.2 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 Force Majeure, after which such Party shall recommence performance of such obligation, provided that:

13.2.1 the non-performing Party, shall, promptly, but in any case within one (1) week after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and

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

13.2.3 the non-performing Party uses its best efforts to remedy its inability to perform its obligations under this Agreement.

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

13.4 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.

SECTION 14: 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 15: 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 16: PARTIAL INVALIDITY AND PURPA REPEAL

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.

In the event the Public Utility Regulatory Policies Act (PURPA) is repealed, this Agreement shall not terminate prior to the Termination Date, unless such termination is mandated by state or federal law.

SECTION 17: 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 18: GOVERNMENTAL JURISDICTION 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 PGE.

SECTION 19: 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. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent 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 20: ENTIRE AGREEMENT

20.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PGE'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.

20.2 By executing this Agreement, Seller releases PGE from any third party claims related to the Facility, known or unknown, which may have arisen prior to the Effective Date.

SECTION 21: NOTICES

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:

To Seller:	
with a copy to:	
To PGE:	Contracts Manager QF Contracts, 3WTCBR06 PGE - 121 SW Salmon St. Portland, Oregon 97204

21.2 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 21.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the Effective Date.

PGE

By:		
Name:		
Title:		

(Name Seller)

By:	
Name:	
Title:	

Appendix 1, Schedule 201 Standard Contract Power Purchase Agreement For Intermittent Resources Effective November 2, 2007

EXHIBIT A DESCRIPTION OF SELLER'S FACILITY

[Seller to Complete]

Appendix 1, Schedule 201 Standard Contract Power Purchase Agreement For Intermittent Resources Effective November 2, 2007

EXHIBIT B REQUIRED FACILITY DOCUMENTS

[Seller list all permits and authorizations required for this project]

Sellers Generation Interconnection Agreement

EXHIBIT C START-UP TESTING

[Seller identify appropriate tests]

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):

- 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 PGE.

Required start-up test 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 PGE'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

Appendix 1, Schedule 201 Standard Contract Power Purchase Agreement For Intermittent Resources Effective November 2, 2007

EXHIBIT D TARIFF [Attach currently in-effect rate Schedule 201]

STANDARD CONTRACT OFF SYSTEM POWER PURCHASE AGREEMENT FOR

INTERMITTENT RESOURCES

THIS AGREEMENT, entered into this _____ day, ____ 200___, is between _____ ("Seller") and Portland General Electric Company ("PGE") (hereinafter each a "Party" or collectively, "Parties").

RECITALS

Seller intends to construct, own, operate and maintain a ______ facility for the generation of electric power located in ______ County, with a Nameplate Capacity Rating of ______ kilowatt ("kW"), as further described in Exhibit B ("Facility"); and

Seller intends to operate the Facility as a "Qualifying Facility," as such term is defined in Section 3.1.3, below.

Seller shall sell and PGE shall purchase the entire Net Output, as such term is defined in Section 1.18, below, from the Facility in accordance with the terms and conditions of this Agreement.

<u>AGREEMENT</u>

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" means the supplement to Exhibit B provided by Seller in accordance with Section 4.3 following completion of construction of the Facility, describing the Facility as actually built.

1.2. "Base Hours" is defined as the total number of hours per Contract Year (8,760 or 8,784 for leap year).

1.3. "Billing Period" means from the start of the first day of each calendar month to the end of the last day of each calendar month.

1.4. "Capacity Value" has the meaning provided for in the Tariff (as defined below).

1.5. "Cash Escrow" means an agreement by two parties to place money into the custody of a third party for delivery to a grantee only after the fulfillment of the conditions specified.

1.6. "Commercial Operation Date" means the date that the Facility is deemed by PGE to be fully operational and reliable which shall require, among other things, that all of the following events have occurred:

1.6.1. PGE has received a certificate addressed to PGE from a Licensed Professional Engineer ("LPE") acceptable to PGE in its reasonable judgment stating that the Facility is able to generate electric power reliably in accordance with the terms and conditions of this Agreement (certifications required under this Section 1.6 can be provided by one or more LPEs);

1.6.2. Start-Up Testing of the Facility has been completed in accordance with Section 1.27;

1.6.3. After PGE has received notice of completion of Start-Up Testing, PGE has received a certificate addressed to PGE from an LPE stating that the Facility has operated for testing purposes under this Agreement uninterrupted for a Test Period at a rate in kW of at least 75 percent of average annual Net Output divided by 8,760 based upon any sixty (60) minute period for the entire testing period. The Facility must provide ten (10) working days written notice to PGE prior to the start of the initial testing period. If the operation of the Facility is interrupted during this initial testing period or any subsequent testing period, the Facility shall promptly start a new Test Period and provide PGE forty-eight (48) hours written notice prior to the start of such testing period;

1.6.4. PGE has received a certificate addressed to PGE from an LPE stating that all required interconnection facilities have been constructed, and all required interconnection tests have been completed;

1.6.5. PGE has received a certificate addressed to PGE from an LPE stating that Seller has obtained all Required Facility Documents and, if requested by PGE in writing, has provided copies of any or all such requested Required Facility Documents;

1.6.6. PGE has received a copy of the Transmission Agreement.

1.7. "Contract Price" means the applicable price as selected by Seller in Section 5.

1.8. "Contract Year" means each twelve (12) month period commencing at 00:00 hours on January 1 and ending on 24:00 hours on December 31 falling at least partially in the Term of this Agreement.

1.9. "Effective Date" has the meaning set forth in Section 2.1.

1.10. "Environmental Attributes" means any and all current or future credits, benefits, emissions reductions, environmental air quality credits, emissions reduction credits, offsets and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical or other substance attributable to the Facility during the Term, or otherwise attributable to the generation, purchase, sale or use of energy from or by the Facility during the Term, including without limitation any of the same arising out of legislation or regulation concerned with oxides of nitrogen, sulfur or carbon, with particulate matter, soot or mercury, or implementing the United Nations Framework Convention on Climate Change (the "UNFCCC") or the Kyoto Protocol to the UNFCCC or crediting "early action" emissions reduction, or laws or regulations involving or administered by the Clean Air Markets Division of the Environmental Protection Agency or successor administrator, or any State or federal entity given jurisdiction over a program involving transferability of Environmental Attributes, and any Green Tag Reporting Rights to such Environmental Attributes.

1.11. "Facility" has the meaning set forth in the Recitals.

1.12. "Generation Interconnection Agreement" means an agreement governing the interconnection of the Facility with ______electric system.

1.13. "Letter of Credit" means an engagement by a bank or other person made at the request of a customer that the issuer will honor drafts or other demands for payment upon compliance with the conditions specified in the letter of credit.

1.14. "Licensed Professional Engineer" or "LPE" means a person who is licensed to practice engineering in the state where the Facility is located, 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 and be acceptable to PGE in its reasonable judgment.

1.15. "Mechanical Availability Percentage" or "MAP" shall mean that percentage for any Contract Year for the Facility calculated in accordance with the following formula:

MAP = 100 X (Operational Hours) /(Base Hours)

1.16. "Nameplate Capacity Rating" means the maximum capacity of the Facility as stated by the manufacturer, expressed in kW, which shall not exceed 10,000 kW.

1.17. "Net Dependable Capacity" means the maximum capacity the Facility can sustain over a specified period modified for seasonal limitations, if any, and reduced by the capacity required for station service or auxiliaries.

1.18. "Net Output" means all energy expressed in kWhs produced by the Facility, less station and other onsite use and less transformation and transmission losses. Net Output does not include any environmental attributes.

1.19. "Off-Peak Hours" has the meaning provided in the Tariff.

1.20. "On-Peak Hours" has the meaning provided in the Tariff.

1.21. "Operational Hours" for the Facility means the number of hours the Facility is potentially capable of producing power at its Nameplate Capacity Rating regardless of actual weather conditions, without any mechanical operating constraint or restriction, and potentially capable of delivering such power to the Point of Delivery. Hours during which an event of Force Majeure exists that prevents the Facility from producing or delivering power shall be considered Operational Hours.

1.22. "Point of Receipt" means the PGE System.

1.23. "Prime Rate" means the publicly announced prime rate or reference 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 or reference 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, N.Y., selected by the Party to whom interest based on the prime rate is being paid.

1.24. "Prudent Electrical Practices" means those practices, methods, standards and acts engaged in or approved by a significant portion of the electric power industry in the Western Electricity Coordinating Council that at the relevant time period, in the exercise of reasonable judgment in light of the facts known or that should reasonably have been known at the time a decision was made, would have been expected to accomplish the desired result in a manner consistent with good business practices, reliability, economy, safety and expedition, and which practices, methods, standards and acts reflect due regard for operation and maintenance standards recommended by applicable equipment suppliers and manufacturers, operational limits, and all applicable laws and regulations. Prudent Electrical Practices are not intended to be limited to the optimum practice, method, standard or act to the exclusion of all others, but rather to those practices, methods and acts generally acceptable or approved by a significant portion of the electric power generation industry in the relevant region, during the relevant period, as described in the immediate preceding sentence.

1.25. "Required Facility Documents" means all licenses, permits, authorizations, and agreements necessary for construction, operation, interconnection, and maintenance of the Facility including without limitation those set forth in Exhibit B.

1.26. "Senior lien" means a prior lien which has precedence as to the property under the lien over another lien or encumbrance.

1.27. "Start-Up Testing" means the completion of applicable required factory and start-up tests as set forth in Exhibit C.

1.28. "Step-in rights" means the right of one party to assume an intervening position to satisfy all terms of an agreement in the event the other party fails to perform its obligations under the agreement.

1.29. "Tariff" shall mean PGE rate Schedule 201 filed with the Oregon Public Utilities Commission in effect on the Effective Date of this Agreement and attached hereto as Exhibit D.

1.30. "Term" shall mean the period beginning on the Effective Date and ending on the Termination Date.

1.31. "Test Period" shall mean a period of sixty (60) days or a commercially reasonable period determined by the Seller.

1.32. "Transmission Agreement" means an Agreement executed by the Seller and the Transmission Provider(s) for Transmission Services.

1.33. "Transmission Curtailment" means a limitation on Seller's ability to deliver any portion of the scheduled energy to PGE due to the unavailability of transmission to the Point of Receipt (for any reason other than Force Majeure)

1.34. "Transmission Curtailment Replacement Energy Cost" means the greater of zero or the amount calculated as: ((Dow Jones Mid C Index Price – Contract Price) X curtailed energy) for periods of Transmission Curtailment.

1.35. "Transmission Provider(s)" means the signatory (other than the Seller) to the Transmission Agreement.

1.36. "Transmission Services" means any and all services (including but not limited to ancillary services and control area services) required for the firm transmission and delivery of Energy from the Facility to the Point of Receipt for a term not less than the Term of this Contract.

References to Recitals, Sections, and Exhibits are to be the recitals, sections and exhibits of this Agreement.

SECTION 2: TERM; COMMERCIAL OPERATION DATE

2.1 This Agreement shall become effective upon execution by both Parties ("Effective Date").

2.2 Time is of the essence of this Agreement, and Seller's ability to meet certain requirements prior to the Commercial Operation Date and to complete all requirements to establish the Commercial Operation Date is critically important. Therefore,

2.2.1 By _____ [*date to be determined by the Seller*] Seller shall begin initial deliveries of Net Output; and

2.2.2 By _____ [*date to be determined by the Seller*] Seller shall have completed all requirements under Section 1.6 and shall have established the Commercial Operation Date.

2.2.3 In the event Seller is unable to meet the requirements of Sections 2.2.1 and 2.2.2, PGE may terminate this agreement in accordance with Section 9.

2.3 This Agreement shall terminate on _____, ___ [*date to be chosen by Seller*], up to 20 years from the Effective Date, or the date the Agreement is terminated in accordance with Section 9 or 12, whichever is earlier ("Termination Date").

SECTION 3: REPRESENTATIONS AND WARRANTIES

3.1 Seller and PGE represent, covenant, and warrant as follows:

3.1.1 Seller warrants it is a _____ duly organized under the laws of _____.

3.1.2 Seller warrants that 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.

3.1.3 Seller warrants that the Facility is and shall for the Term of this Agreement continue to be a "Qualifying Facility" ("QF") as that term is defined in the version of 18 C.F.R. Part 292 in effect on the Effective Date. Seller has provided the appropriate QF certification, which may include a Federal Energy Regulatory Commission ("FERC") self-certification to PGE prior to PGE's execution of this Agreement. At any time during the Term of this Agreement, PGE may require Seller to provide PGE with evidence satisfactory to PGE in its reasonable discretion that the Facility continues to qualify as a QF under all applicable requirements.

3.1.4 Seller warrants that it has not within the past two (2) years been the debtor in any bankruptcy proceeding, and Seller is and will continue to be for the Term of this Agreement current on all of its financial obligations.

3.1.5 Seller warrants that during the Term of this Agreement, all of Seller's right, title and interest in and to the Facility shall be free and clear of all liens and encumbrances other than liens and encumbrances arising from thirdparty financing of the Facility 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 acceptable to PGE posted within eight (8) calendar days of the commencement of any proceeding to foreclose the lien.

3.1.6 Seller warrants that it will design and operate the Facility consistent with Prudent Electrical Practices.

3.1.7 Seller warrants that the Facility has a Nameplate Capacity Rating not greater than 10,000 kW.

3.1.8 Seller warrants that Net Dependable Capacity of the Facility is _____ kW.

3.1.9 Seller estimates that the average annual Net Output to be delivered by the Facility to PGE is ______ kilowatt-hours ("kWh"), which amount PGE will include in its resource planning.

3.1.10 Seller represents and warrants that the facility shall achieve the following Mechanical Availability Percentages ("Guarantee of Mechanical Availability"):

- 3.1.10.1 Ninety-one percent (91%) for the first Contract Year; and
- 3.1.10.2 Ninety-five percent (95%) beginning Contract Year two and extending throughout the remainder of the Term.
- 3.1.10.3 Annually, by March 1st, Seller shall send to PGE a detailed written report demonstrating and providing evidence of the actual MAP for the previous Contract Year.

3.1.11 Seller will deliver from the Facility to PGE at the Point of Delivery Net Output not to exceed a maximum of ______ kWh of Net Output during each Contract Year ("Maximum Net Output"). The cost of delivering energy from the Facility to PGE is the sole responsibility of the Seller.

3.1.12 Seller has entered into a Generation Interconnection Agreement for a term not less than the term of this Agreement.

3.1.13 PGE warrants that it has not within the past two (2) years been the debtor in any bankruptcy proceeding, and PGE is and will continue to be for the Term of this Agreement current on all of its financial obligations.

3.1.14 Seller will not make any changes in its ownership, control or management during the term of this Agreement that would cause it to not be in compliance with the Definition of a Small Cogeneration Facility or Small Power Production Facility Eligible to Receive the Standard Rates and Standard Contract approved by the Commission at the time this Agreement is executed. Seller will

provide, upon request by Buyer not more frequently than every 36 months, such documentation and information as may be reasonably required to establish Seller's continued compliance with such Definition. Buyer agrees to take reasonable steps to maintain the confidentiality of any portion of the above described documentation and information that the Seller identifies as confidential except Buyer will provide all such confidential information to the Public Utility Commission of Oregon upon the Commission's request.

SECTION 4: DELIVERY OF POWER

4.1 Commencing on the Effective Date and continuing through the Term of this Agreement, Seller shall sell to PGE the entire Net Output delivered from the Facility at the Point of Delivery.

4.2 PGE shall pay Seller the Contract Price for all delivered Net Output.

4.3 Upon completion of construction of the Facility, Seller shall provide PGE an As-built Supplement to specify the actual Facility as built. Seller shall not increase the Nameplate Capacity Rating above that specified in Exhibit B or increase the ability of the Facility to deliver Net Output in quantities in excess of the Net Dependable Capacity, or the Maximum Net Output as described in Section 3.1.11 above, through any means including, but not limited to, replacement, modification, or addition of existing equipment, except with prior written notice to PGE. In the event Seller increases the Nameplate Capacity Rating of the Facility to no more than 10,000 kW pursuant to this section, PGE shall pay the Contract Price for the additional delivered Net Output. In the event Seller increases the Nameplate Capacity Rating to greater than 10,000 kW, then Seller shall be required to enter into a new power purchase agreement for all delivered Net Output proportionally related to the increase of Nameplate Capacity above 10,000kW.

4.4 Seller shall provide preschedules for all deliveries of energy hereunder, including identification of receiving and generating control areas, by 10:00:00 PPT on the last Business Day prior to the scheduled date of delivery. The Parties' respective representatives shall maintain hourly real-time schedule coordination; provided, however, that in the absence of such coordination, the hourly schedule established by the exchange of preschedules shall be considered final. Seller and PGE shall maintain records of hourly energy schedules for accounting and operating purposes. The final E-Tag shall be the controlling evidence of the Parties' schedule. All energy shall be prescheduled according to customary WECC scheduling practices. Seller shall make commercially reasonable efforts to schedule in any hour an amount equal to its expected Net Output for such hour. Seller shall maintain a minimum of two years records of Net Output and shall agree to allow PGE to have access to such records and to imbalance information kept by the Transmission Provider.

4.5 Seller may report under §1605(b) of the Energy Policy Act of 1992 or under any applicable program as belonging to Seller any of the Environmental Attributes

produced with respect to the Facility, and PGE shall not report under such program that such Environmental Attributes belong to it.

SECTION 5: CONTRACT PRICE

PGE shall pay Seller for the price options 5.1, 5.2, 5.3 or 5.4, as selected below, pursuant to the Tariff. Seller shall indicate which price option it chooses by marking its choice below with an X. If Seller chooses the option in Section 5.1, it must mark below a single second option from Section 5.2, 5.3, or 5.4 for all Contract Years in excess of 15 until the remainder of the Term. Except as provided herein, Sellers selection is for the Term and shall not be changed during the Term.

- 5.1 ____ Fixed Price
- 5.2 Deadband Index Gas Price
- 5.3 ____ Index Gas Price
- 5.4 Mid-C Index Rate Price

SECTION 6: OPERATION AND CONTROL

6.1 Seller shall operate and maintain the Facility in a safe manner in accordance with the Generation Interconnection Agreement, and Prudent Electrical Practices. PGE shall have no obligation to purchase Net Output from the Facility to the extent the interconnection of the Facility to PGE's electric system is disconnected, suspended or interrupted, in whole or in part, pursuant to the Generation Interconnection Agreement, or to the extent generation curtailment is required as a result of Seller's noncompliance with the Generation Interconnection Agreement. Seller is solely responsible for the operation and maintenance of the Facility. PGE 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.

6.2 Seller agrees to provide sixty (60) days advance written notice of any scheduled maintenance that would require shut down of the Facility for any period of time.

6.3 If the Facility ceases operation for unscheduled maintenance, Seller immediately shall notify PGE of the necessity of such unscheduled maintenance, the time when such maintenance has occurred or will occur, and the anticipated duration of such maintenance. Seller shall take all reasonable measures and exercise its best efforts to avoid unscheduled maintenance, to limit the duration of such unscheduled maintenance, and to perform unscheduled maintenance during Off-Peak hours.

SECTION 7: CREDITWORTHINESS

In the event Seller: a) is unable to represent or warrant as required by Section 3 that it has not been a debtor in any bankruptcy proceeding within the past two (2) years; b) becomes such a debtor during the Term; or c) is not or will not be current on all its financial obligations, Seller shall immediately notify PGE and shall promptly (and in no less than 10 days after notifying PGE) provide default security in an amount reasonably acceptable to PGE in one of the following forms: Senior Lien, Step in Rights, a Cash Escrow or Letter of Credit. The amount of such default security that shall be acceptable to PGE shall be equal to: (annual On Peak Hours) X (On Peak Price – Off Peak Price) X (Net Dependable Capacity). Notwithstanding the foregoing, in the event Seller is not current on construction related financial obligations, Seller shall notify PGE of such delinquency and PGE may, in its discretion, grant an exception to the requirements to provide default security if the QF has negotiated financial arrangements with the construction loan lender that mitigate Seller's financial risk to PGE.

SECTION 8: BILLINGS, COMPUTATIONS AND PAYMENTS

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

8.2 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 9: DEFAULT, REMEDIES AND TERMINATION

9.1 In addition to any other event that may constitute a default under this Agreement, the following events shall constitute defaults under this Agreement:

9.1.1 Breach by Seller or PGE of a representation or warranty, except for Section 3.1.4, set forth in this Agreement.

9.1.2 Seller's failure to provide default security, if required by Section 7, prior to delivery of any Net Output to PGE or within 10 days of notice.

9.1.3 Seller's failure to meet the MAP established in Section 3.1.10 – Guarantee of Mechanical Availability for any single Contract Year or Seller's failure to provide any written report required by that section.

9.1.4 If Seller is no longer a Qualifying Facility.

9.1.5 Failure of PGE to make any required payment pursuant to Section 8.1.

9.2 In the event of a default hereunder, the non-defaulting party may immediately terminate this Agreement at its sole discretion by delivering written notice to the other Party, and, except for damages related to a default pursuant to Section 10.1.3 by a QF sized at 100 kW or smaller, may pursue any and all legal or equitable remedies provided by law or pursuant to this Agreement including damages related to the need to procure replacement power. Such termination shall be effective upon the date of delivery of notice, as provided in Section 21. The rights provided in this Section 10 are cumulative such that the exercise of one or more rights shall not constitute a waiver of any other rights.

9.3 If this Agreement is terminated as provided in this Section 10 PGE shall make all payments, within thirty (30) days, that, pursuant to the terms of this Agreement, are owed to Seller as of the time of receipt of notice of default. PGE shall not be required to pay Seller for any Net Output delivered by Seller after such notice of default.

9.4 In the event PGE terminates this Agreement pursuant to this Section 10, and Seller wishes to again sell Net Output to PGE following such termination, PGE 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 Term of this Agreement (as set forth in Section 2.3) would have run in due course had the Agreement remained in effect. At such time Seller and PGE agree to execute a written document ratifying the terms of this Agreement.

9.5 Sections 9.1, 9.3, 9.4, 11, and 20.2 shall survive termination of this Agreement.

SECTION 10: TRANSMISSION CURTAILMENTS

10.1 Seller shall give PGE notice as soon as reasonably practicable of any Transmission Curtailment that is likely to affect Seller's ability to deliver any portion of energy scheduled pursuant to Sections 4.4 of this Agreement.

10.2 If as the result of a Transmission Curtailment, Seller does not deliver any portion of energy (including real-time adjustments), scheduled pursuant to Section 4.4 of this Agreement, Seller shall pay PGE the Transmission Curtailment Replacement Energy Cost for the number of MWh of energy reasonably determined by PGE as the difference between (i) the scheduled energy that would have been delivered to PGE under this Agreement during the period of Transmission Curtailment and (ii) the actual energy, if any, that was delivered to PGE for the period.

SECTION 11: INDEMNIFICATION AND LIABILITY

11.1 Seller agrees to defend, indemnify and hold harmless PGE, its directors, officers, agents, and representatives against and from any and all loss, 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 Seller's delivery of electric power to PGE or with the facilities at or prior to the Point of Delivery, or otherwise arising out of 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 PGE, Seller or others, excepting to the extent such loss, claim, action or suit may be caused by the negligence of PGE, its directors, officers, employees, agents or representatives.

11.2 PGE agrees to defend, indemnify and hold harmless Seller, its directors, officers, agents, and representatives against and from any and all loss, 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 PGE's receipt of electric power from Seller or with the facilities at or after the Point of Delivery, or otherwise arising out of 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 PGE, Seller or others, excepting to the extent such loss, claim, action or suit may be caused by the negligence of Seller, its directors, officers, employees, agents or representatives.

11.3 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 PGE as an independent public utility corporation or Seller as an independent individual or entity.

11.4 NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR SPECIAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER ARISING FROM CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.

SECTION 12: INSURANCE

12.1 Prior to the connection of the Facility to PGE's electric system, provided such Facility has a design capacity of 200 kW or more, Seller shall secure and continuously carry for the Term hereof, with an insurance company or companies rated not lower than "B+" by the A. M. Best Company, insurance policies for bodily injury and property damage liability. Such insurance shall include provisions or endorsements naming PGE, it directors, officers and employees as additional insureds; provisions that such insurance is primary insurance with respect to the interest of PGE and that any insurance maintained by PGE is excess and not contributory insurance with the

insurance required hereunder; a cross-liability or severability of insurance interest clause; and provisions that such policies shall not be canceled or their limits of liability reduced without thirty (30) days' prior written notice to PGE. Initial limits of liability for all requirements under this section shall be \$1,000,000 million single limit, which limits may be required to be increased or decreased by PGE as PGE determines in its reasonable judgment economic conditions or claims experience may warrant.

12.2 Prior to the connection of the Facility to PGE's electric system, provided such facility has a design capacity of 200kW or more, Seller shall secure and continuously carry for the Term hereof, in an insurance company or companies rated not lower than "B+" by the A. M. Best Company, insurance acceptable to PGE against property damage or destruction in an amount not less than the cost of replacement of the Facility. Seller promptly shall notify PGE of any loss or damage to the Facility. Unless the Parties agree otherwise, Seller shall repair or replace the damaged or destroyed Facility, or if the facility is destroyed or substantially destroyed, it may terminate this Agreement. Such termination shall be effective upon receipt by PGE of written notice from Seller. Seller shall waive its insurers' rights of subrogation against PGE regarding Facility property losses.

12.3 Prior to the connection of the Facility to PGE's electric system and at all other times such insurance policies are renewed or changed, Seller shall provide PGE with a copy of each insurance policy required under this Section, certified as a true copy by an authorized representative of the issuing insurance company or, at the discretion of PGE, in lieu thereof, a certificate in a form satisfactory to PGE certifying the issuance of such insurance. If Seller fails to provide PGE with copies of such currently effective insurance policies or certificates of insurance, PGE at its sole discretion and without limitation of other remedies, may upon ten (10) days advance written notice by certified or registered mail to Seller either withhold payments due Seller until PGE has received such documents, or purchase the satisfactory insurance and offset the cost of obtaining such insurance from subsequent power purchase payments under this Agreement.

SECTION 13: FORCE MAJEURE

13.1 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 PGE 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 resources to operate the Facility, changes in market conditions that affect

the price of energy or transmission, wind or water droughts, and obligations for the payment of money when due.

13.2 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 Force Majeure, after which such Party shall recommence performance of such obligation, provided that:

13.2.1 the non-performing Party, shall, promptly, but in any case within one (1) week after the occurrence of the Force Majeure, give the other Party written notice describing the particulars of the occurrence; and

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

13.2.3 the non-performing Party uses its best efforts to remedy its inability to perform its obligations under this Agreement.

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

13.4 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.

SECTION 14: 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 15: 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 16: PARTIAL INVALIDITY AND PURPA REPEAL

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.

In the event the Public Utility Regulatory Policies Act (PURPA) is repealed, this Agreement shall not terminate prior to the Termination Date, unless such termination is mandated by state or federal law.

SECTION 17: 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 18: GOVERNMENTAL JURISDICTION 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 PGE.

SECTION 19: 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. Notwithstanding the foregoing, either Party may assign this Agreement without the other Party's consent 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 20: ENTIRE AGREEMENT

20.1 This Agreement supersedes all prior agreements, proposals, representations, negotiations, discussions or letters, whether oral or in writing, regarding PGE'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.

20.2 By executing this Agreement, Seller releases PGE from any third party claims related to the Facility, known or unknown, which may have arisen prior to the Effective Date.

SECTION 21: NOTICES

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:

To Seller:	
with a copy to:	
To PGE:	Contracts Manager QF Contracts, 3WTCBR06 PGE - 121 SW Salmon St. Portland, Oregon 97204

21.2 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 21.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed in their respective names as of the Effective Date.

PGE

By:			
Name:			
Title:			

(Name Seller)

By:		
Name:		
Title:		

Appendix 1, Schedule 201 Standard Contract Off System Power Purchase Agreement For Intermittent Resources Effective November 2, 2007

EXHIBIT A DESCRIPTION OF SELLER'S FACILITY

[Seller to Complete]

EXHIBIT B REQUIRED FACILITY DOCUMENTS

[Seller list all permits and authorizations required for this project]

Sellers Generation Interconnection Agreement

EXHIBIT C START-UP TESTING

[Seller identify appropriate tests]

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):

- 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 PGE.

Required start-up test 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 PGE'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.

Appendix 1, Schedule 201 Standard Contract Off System Power Purchase Agreement For Intermittent Resources Effective November 2, 2007

EXHIBIT D TARIFF [Attach currently in-effect rate Schedule 201]

CERTIFICATE OF SERVICE

I hereby certify that I have this day caused the following: **PORTLAND GENERAL ELECTRIC COMPANY'S ADVICE NO. 07-27, SCHEDULE 201 QUALIFYING FACILITY POWER PURCHASE INFORMATION UPDATE** to be served to the following parties or attorneys listed on the attached service list by electronic mail and by First Class US Mail, postage prepaid and properly addressed, to those parties on the attached service list who have not waived paper service.

Dated this 1st day of November, 2007.

Doug Kuns 🍤 Manager, Pricing & Tariffs On behalf of Portland General Electric Company

Ascentergy Corp

Bruce Craig Ascertergy Corporation 24900 Pitkin Rd Suite 325 Spring TX 77386-1942 Phone: (281) 447-7454 ext 1 Fax: (281) 447-0307 Email Add: bcraig@asc-co.com Service: US Mail Confidentiality: No

Ben Johnson Associates

Don Reading Ben Johnson Associates 6070 Hill Road Boise ID 83703 Phone: Fax: Email Add: dreading@mindspring.com Service: US Mail Confidentiality: GPO

Cable Huston Benedict Haagensen & Lloyd LLP

Thomas M. Grim Attorney Cable Huston Benedict Haagensen & Lloyd LLP 1001 SW Fifth Avenue Suite 2000 Portland 97204-1136 OR (503) 224-3092 Phone: (503) 224-3176 Fax: Email Add: tgrim@chbn.com Service: Electronic Confidentiality: No

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Steven C. Johnson Central Oregon Irrigation District 1055 SW Lake Ct Redmond OR 97756-1469 Phone: Fax: Email Add: stevej@coid.org Service: US Mail Confidentiality: No

Columbia Energy Partners

Chris Crowley 1920 Broadway St Vancouver WA 98663-3325 Phone: Fax: Email Add: ccrowley@columbiaep.com Service: US Mail Confidentiality: No

Crossborder Energy

Thomas Beach Crossborder Energy 2560 Ninth St. Suite 213A Berkeley CA 94710 Phone: Fax: Email Add: tomb@crossborderenergy.com Service: US Mail Confidentiality: GPO

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Jason Eisdorfer Citizens' Utility Board of Oregon 610 SW Broadway Suite 308 Portland OR 97205 Phone: (503) 227-1984 Fax: (503) 274-2956 Email Add: jason@oregoncub.org Service: Electronic Confidentiality: No

D.R. Johnson Lumber Company

Randy Crocket D.R. Johnson Lumber Company P.O. Box 66 Riddle OR 97469 Phone: Fax: Email Add: randy@drjlumber.com Service: Electronic Confidentiality: No

Davison Van Cleve, PC

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Department of Energy

Carel DeWinkel Oregon Department of Energy 625 Marion Street NE Salem OR 97301 Phone: Fax: Email Add: carel.dewinkel@state.or.us Service: US Mail Confidentiality: GPO

DOJ Department of Justice

Janet Prewitt Department of Justice 1162 Court St. NE Salem OR 97301-4096 Phone: Fax: Email Add: janet.prewitt@state.or.us Service: US Mail Confidentiality: GPO Michael T. Weirich Assistant Attorney General Department of Justice 1162 Court St NE Regulated Utility & Business Section Salem 97301-4096 OR (503) 378-4620 Phone: (503) 378-5300 Fax: Email Add: michael.weirich@doj.state.or.us Service: US Mail Confidentiality: GPO

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Mick Baranko Douglas County Forest Products 398 DFEL Rio Rd Roseburg OR 97470 Phone: Fax: Email Add: mick@dcfp.com Service: US Mail Confidentiality: No

Hurley, Lynch & Re, PC

Elizabeth Dickson Hurley, Lynch & Re, PC 747 SW Mill View Way Bend OR 97702 Phone: Fax: Email Add: eadickson@hir-law.com Service: US Mail Confidentiality: No

ICNU Industrial Customers of NW Utilities

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Idaho Power Company

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J.R. Simplot Company

David Hawk J.R. Simplot Company P.O. Box 27 Boise ID 83707 Phone: Fax: Email Add: david.hawk@simplot.com Service: US Mail Confidentiality: No

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Linda K. Williams Kafoury & McDougal 10266 SW Lancaster Rd Portland OR 97219 Phone: (503) 293-0399 Fax: (503) 245-2772 Email Add: linda@lindawilliams.net Service: US Mail Confidentiality: No

McDowell & Rackner

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Lisa Rackner McDowell & Rackner 520 SW 6th Ave Suite 830 Portland OR 97204 Phone: Fax: Email Add: lisa@mcd-law.com Service: Electronic Confidentiality: GPO

Middlefork Irrigation District

Craig Dehart Middlefork Irrigation District P.O. Box 291 Parkdale OR 97041 Phone: Fax: Email Add: mfidcraig@gorge.net Service: US Mail Confidentiality: No

OPUC Oregon Public Utility Commission

Lisa C. Schwartz Senior Analyst Oregon Public Utility Commission 550 Capitol Street NE Suite 215 Salem OR 97301-2551 Phone: (503) 378-8718 Fax: Email Add: lisa.c.schwartz@state.or.us Service: US Mail Confidentiality: GPO

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Confidentiality:	No	

Pacific Power & Light

Paul Woodin Western Wind Power 282 Largent Road Goldendale WA 98620 Phone: Fax: Email Add: pwoodin@communityrenewables.org Service: US Mail Confidentiality: No

PacifiCorp

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Data Request Response Center PacifiCorp 825 NE Multnomah Suite 800 Portland OR 97232 Phone: Fax: Email Add: datarequest@pacificorp.com Service: Electronic Confidentiality: No

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Thomas H. Nelson & Associates

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Weverhaeuser Company

Seth Hooper Energy Manager Weyerhaeuser Company Mail Stop CH1 K32 PO Box 9777 Federal Way 98063-9777 WA 253-924-2121 Phone: Fax: 253-928-2234 Email Add: seth.hooper@weyerhaeuser.com Service: US Mail Confidentiality: No Alan Meyer Weyerhaeuser Company 698 12th Street, Suite 220 97301-4010 Salem OR Phone: Fax: Email Add: alan.meyer@weyerhauser.com Service: US Mail Confidentiality: GPO

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