



Puget Sound Energy
P.O. Box 97034
Bellevue, WA 98009-9734
PSE.com

Filed via Web Portal

June 1, 2021

Mr. Mark L. Johnson, Executive Director and Secretary
Washington Utilities and Transportation Commission
621 Woodland Square Loop SE
Lacey, Washington 98503

**Re: Annual Renewable Portfolio Standard Report - 2021
RCW-Required Report, RCW 19.285.070 and
WAC-Required Report, WAC 480-109-210**

Dear Mr. Johnson:

Attached for filing, please find Puget Sound Energy’s (“PSE’s”) report detailing the annual reporting requirements for the Renewable Portfolio Standard Report (the “Report”) in RCW 19.285.070 and WAC 480-109-210. PSE is asking the Commission to approve its 2021 Renewable Energy Target of 3,069,109 MWh.

PSE requests confidential treatment for Attachments 4, 8, and 10 to the Report under RCW 80.04.095 and in accordance with WAC 480-07-160. The information labeled as confidential includes commercially sensitive data such as counter-party and confidential information related to renewable energy credit (“REC”) sales revenues and prices, which could expose PSE and its counter-parties to competitive injury if disclosure is unrestricted. Therefore, PSE requests confidential treatment on the basis that the information labeled “Shaded Information is Designated as Confidential per WAC 480-07-160” contains “valuable commercial information, including trade secrets or confidential marketing, cost, or financial information, or customer-specific usage and network configuration and design information,” as provided in in RCW 80.04.095 in accordance with WAC 480-07-160(2)(c).

The Confidential information is redacted as follows:

Location	Type of Information	Explanation
Attachment 4 First tab: Summary Table	REC revenues	This tab contains REC revenue information.

Location	Type of Information	Explanation
Attachment 4 Second tab: Revenue Detail	REC revenues REC prices	This tab contains REC revenue detail by transaction and by resource or agreement.
Attachment 8 REC Contracts for First Time Facilities	REC prices Counterparties	This attachment includes REC prices and counterparty information.
Attachment 10 REC Transfers for First Time Facilities	Counterparties	This attachment includes REC purchase counterparty information.

As detailed in PSE’s report, PSE is requesting approval that the RECs from twelve facilities that are being utilized by PSE for the first time are eligible for RPS compliance – eleven are planned for 2020 compliance and one is planned for 2021 compliance. PSE has provided justification and documentation of the eligibility of these twelve facilities in the report and its accompanying attachments.

Additionally, PSE plans to utilize a distributed generation multiplier pursuant to WAC 480-109-200(4)(b)(ii) for REC purchases from certain of the first time facilities that PSE intends to use for 2020 compliance. PSE has provided justification and documentation of the eligibility of these facilities for the distributed generation two times multiplier in the report and its accompanying attachments.

Finally, the section of the 2021 Integrated Resource Plan (“IRP”) on which the RPS report relies was inadvertently not filed in the IRP. PSE is in the process of supplementing the IRP in Docket UE-200304 to include the information which should be filed shortly after this RPS filing is made on June 1, 2021. At that time, PSE will supplement this RPS filing with its Attachment 2.

A copy of this report will also be submitted to the Department of Commerce.

In a separate matter, PSE filed Microsoft Corporation’s 2021 Target Year RPS Report on May 12, 2021 in UE-161123.

If you have any questions about the information contained in this filing, please contact Chris Schaefer at 425-456-2932 or chris.schaefer@pse.com. If you have any other questions please contact me at (425) 456-2105.

Mr. Mark L. Johnson

June 1, 2021

Page 3

Sincerely,

/s/ Susan Free

Susan E. Free
Director of Revenue Requirements and Regulatory Compliance
Puget Sound Energy
PO Box 97034, EST-07W
Bellevue, WA 98009-9734
425-456-2105
susan.free@pse.com

cc: Department of Commerce

Attachments:

PSE 2020 RPS Report

Attachment 1: Memo

Attachment 2: IRP Appendix G

Attachment 3: Reporting Tool

Attachment 4: REC Sales (Confidential Version)

REC Sales (Redacted Version)

Attachment 5: Incremental Cost Template

Attachment 6: Department of Commerce EIA Workbook

Attachment 7: Support for Facilities Used for the First Time

Attachment 8: First Time Facilities Summary and Contracts (Confidential Version)

First Time Facilities Summary and Contracts (Redacted Version)

Attachment 9: Proof of Operability

Attachment 10: WREGIS Report for REC Transfers for First Time Facilities (Confidential Version)

WREGIS Report for REC Transfers for First Time Facilities (Redacted Version)

Puget Sound Energy
2021 Annual Renewable Portfolio Standard Report
pursuant to RCW 19.285.070 and WAC 480-109-210

June 1, 2021

Required Contents: Checklist and Table of Contents

RCW 19.285.070	WAC 480-109-210(2)	Section/Page
The utility's annual load for the prior two years	The utility's annual load for the prior two years	Section 1 Annual Load For Previous Two Years Page 1
The amount of megawatt-hours needed to meet the annual renewable energy target	The total number of megawatt-hours from eligible renewable resources and/or renewable resource credits the utility needed to meet its annual renewable energy target by January 1 of the target year	Section 2 Renewable Energy Target Page 1
The amount of megawatt-hours of each type of eligible renewable resource acquired, the type and amount of renewable energy credits acquired	The amount (in megawatt-hours) of each type of eligible renewable resource used and the amount of renewable energy credits acquired	Section 3 Renewable Energy Acquired To Have Met Renewable Energy Target Page 1
The percent of its total annual retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of renewable energy credits	Total incremental cost as a dollar amount and in dollars per megawatt-hour of renewable energy generated by all eligible renewable resources and multiply the dollars per megawatt-hour cost by the number of megawatt-hours needed for target year compliance.	Section 4 Incremental Cost Calculation and Revenue Requirement Ratio Page 2
	State whether the utility is relying upon one of the alternative compliance mechanisms provided in WAC 480-109-220 instead of fully meeting its renewable resource target.	Section 5 Alternative Compliance Page 3

RCW 19.285.070	WAC 480-109-210(2)	Section/Page
	Describe the resources that the utility intends to use to meet the renewable resource requirements for the target year.	Section 6 2020 Compliance Plan Page 3
	A list of each eligible renewable resource that serves Washington customers, for which a utility owns the certificates, with an installed capacity greater than twenty-five kilowatts.	Section 7 Eligible Resources Page 4
	The number of certificates sold, their WREGIS certificate numbers, their source, and the revenues obtained from the sales.	Section 8 Sales Page 6

Attachment 1: Memo dated December 11, 2020 Regarding Sufficient Eligible Renewable Resources for 2021 Compliance

Attachment 2: Appendix G from PSE’s 2021 Integrated Resource Plan

Attachment 3: Reporting Tool

**Attachment 4: REC Sales, Confidential Version
REC Sales, Redacted Version**

Attachment 5: Incremental Cost Template

Attachment 6: Department of Commerce EIA Workbook

Documentation Supporting Attestation:

Attachment 7: Support for Facilities Used for the First Time

**Attachment 8: First Time Facilities - Summary and Contracts, Confidential Version
First Time Facilities - Summary and Contracts, Redacted Version**

Attachment 9: Proof of Operability - WREGIS Report

Attachment 10: **REC Transfers - WREGIS Report for First Time Facilities,
Confidential Version**
**REC Transfers – WREGIS Report for First Time Facilities,
Redacted Version**

Section 1. Annual Load for the Prior Two Years

	<u>2019</u>	<u>2020</u>
Delivered Load to Retail Customers (MWh)	20,833,230	20,088,222

The source of this data is the Puget Sound Energy (“PSE”) 2020 FERC Form 1, p. 301, line 10, columns d and e.

Section 2. 2020 Renewable Energy Target

This section provides the number of megawatt-hours from eligible renewable resources and/or renewable resource credits the utility needed to meet its annual renewable energy target by January 1st of the target year.

After Commission approval, PSE’s Renewable Energy Target for 2021 will be 3,069,109 MWh.

Calculation:

	<u>2019</u>	<u>2020</u>
Delivered Load to Retail Customers (MWh)	20,833,230	20,088,222
Average Load	20,460,726	
15 Percent of Average Load	3,069,109	

Section 3. Renewable Energy Acquired To Meet 2021 Renewable Energy Target

This section provides the amount (in megawatt-hours) of each type of eligible renewable resource used, and the amount of renewable energy credits acquired to meet the 2021 target.

As was previously documented as shown in Attachment 1, PSE has sufficient eligible renewable resources to meet its 2021 target. PSE plans to meet its 2021 target with a combination of incremental hydro along with other renewable energy certificates from qualifying resources. The following table shows all of PSE’s eligible resources for 2021, a subset of which will be used for compliance purposes:

Incremental Hydro Resources	118,380
Eligible Wind Resources	3,855,696
Biomass	120,421

Section 4. Incremental Cost Calculation and Revenue Requirement Ratio

This section calculates the total incremental cost as a dollar amount and in dollars per megawatt-hour of renewable energy generated by all eligible renewable resources and multiplies the dollars per megawatt-hour cost by the number of megawatt-hours needed for target year compliance and provides the annual revenue requirement ratio.

The following is a summary of PSE’s incremental cost calculation as developed in Staff’s template, attached as Attachment 5.

Incremental Cost	\$29.8M
Revenue Requirement	\$2,042M
Percentage	1.459%
Source of Information	Please see table below.

PSE’s incremental cost is based on the average cost of eligible renewable resources. Consistent with the requirements outlined in WAC 480-109-210 (2)(a)(i) (A) through (G), the calculation of incremental costs for each eligible resource is performed at the time of acquisition. PSE has required one new eligible resource and will utilize the incremental cost calculation from its 2021 Integrated Resource Plan (“IRP”) as documented in Attachment 2. The incremental costs (in millions of dollars) along with the annual megawatt hour (MWh) that will be sourced from PSE’s 2021 IRP, for each eligible resource are as follows:

(\$ Millions/Year)	Renewable Resource	Equivalent Non-Renewable			One Year Incremental Cost	Annual MWh	Market Price/Peaker Assumptions
		Peaker	Market	Total			
Hopkins Ridge	\$18.77	\$1.71	\$19.26	\$20.97	(\$2.20)	466,908	2004 RFP
Wild Horse	\$34.94	\$3.21	\$26.53	\$29.74	\$5.20	642,984	2006 RFP
Klondike III	\$10.27	\$0.93	\$8.98	\$9.91	\$0.36	157,680	2006 RFP
Hopkins Infill	\$1.28	\$0.17	\$1.19	\$1.36	(\$0.08)	21,024	2007 IRP
Wild Horse Expansion	\$10.03	\$0.81	\$5.09	\$5.90	\$4.14	91,980	2007 IRP
Lower Snake River I	\$70.61	\$1.69	\$48.51	\$50.20	\$20.42	897,900	2010 Trends
Snoqualmie Falls Upgrade	\$3.85	\$0.74	\$2.44	\$3.18	\$0.67	34,164	2009 Trends
Lower Baker 4	\$8.60	\$1.37	\$7.92	\$9.29	(\$0.69)	109,500	2011 IRP Base
SPI PPA	\$6.77	\$1.41	\$3.37	\$4.78	\$1.99	126,582	2019 IRP Process Mid
Total					\$29.80	2,548,722	

As reflected in the above table, the incremental cost of the eligible renewable resources portfolio is \$29.80 million resulting in an average cost/MWh of \$11.69. The incremental cost for the 2021 target year, based on the average cost for the portfolio of resources is \$35.9 million (\$11.69/MWh * 3,069,109 MWh).

The resulting ratio of the portfolio's annualized cost of investment relative to the utility's total annual retail revenue requirement is 1.459%. Utilizing Staff's template, attached as Attachment 5, the calculation of the incremental cost for satisfying the target based on the actual resources that are planned to be used for 2021 target year compliance is \$35.8 million.

RECs from PSE's Klondike III contract and its Wild Horse and Hopkins Ridge facilities were Green-e eligible and sold in the voluntary REC market during 2019 and 2020. Pacific Northwest wind has a higher value in the REC markets as does Green-e eligibility. PSE has been able to sell these Green-e eligible wind RECs in the voluntary REC market (the sales are reflected in Section 8, Attachment 3 and Attachment 4) and replace them by purchasing lower cost RPS compliant RECs to satisfy its RPS compliance (purchases are reflected in Attachment 3). The net proceeds are provided to PSE's customers through the Schedule 137 Tracker. This ongoing optimization strategy allows PSE to lower the cost of PSE's RPS compliance.

The total annual retail revenue requirement for 2021 is \$2,041.738 million. The 2021 revenue requirement is based on the base rates revenue requirement determined in PSE's last general rate case (UE-190529), as well as Protected-Plus Excess Deferred Income Tax Reversal ("EDIT ARAM") (Rate Schedule 141X), and Unprotected Excess Deferred Income Tax ("UP EDIT") Reversals Rate Adjustment (Rate Schedule 141Z).

Section 5. Alternative Compliance

This section states whether the utility is relying upon one of the alternative compliance mechanisms provided in WAC 480-109-220 instead of fully meeting its renewable resource target. A utility using an alternative compliance mechanism must use the incremental cost methodology described in this section and include sufficient data, documentation and other information in its report to demonstrate that it qualifies to use that alternative mechanism.

PSE is not utilizing an alternative compliance mechanism provided for in RCW 19.285.040(2)(d) or RCW 19.285.050(1) and WAC 480.109.220 instead of meeting its 2021 Renewable Energy Target.

Section 6. 2021 Compliance Plan

This section describes the resources that PSE intends to use to meet the renewable resource requirements for the target year.

PSE is positioned to meet its 2021 Renewable Energy Target with a combination of qualified hydroelectric upgrades and other renewable energy certificates from qualifying resources. The following table provides a summary of PSE's expected 2021 compliance. Further details about this information can be found in Attachment 3.

Facility	Source	PSE 2021 Compliance Plan		
		2020 Vintage	2021 Vintage	2021 Plan
Baker River Project	Water		98,639	98,639
Hopkins Ridge	Wind		396,353	396,353
Hopkins Ridge Phase II	Wind		20,072	20,072
Klondike III	Wind	139,693	136,625	276,318
Lower Snake River - Dodge Junction	Wind	564,293	90,405	654,698
Lower Snake River - Dodge Junction - Apprenticeship Credits	Wind-A	112,859	18,081	130,940
Lower Snake River - Phalen Gulch	Wind	404,341		404,341
Lower Snake River - Phalen Gulch - Apprenticeship Credits	Wind-A	80,868		80,868
Snoqualmie Falls Project	Water		19,741	19,741
Sierra Pacific Burlington - Sierra Pacific Burlington	Biomass		120,421	120,421
Wild Horse	Wind	174,195	543,895	718,090
Wild Horse Phase II	Wind	123,857		123,857
Wild Horse Phase II - Apprenticeship Credits	Wind-A	24,771		24,771
Totals		1,624,877	1,444,232	3,069,109

Blue = Hydro, Gray = Apprenticeship Credits

Data for 2021 provided above is an estimate and is subject to change.

Section 7. Eligible Resources

This section provides a list of each eligible renewable resource that serves Washington customers, for which PSE owns the certificates, with an installed capacity greater than twenty-five kilowatts and each resource's WREGIS registration status and use of certificates, whether it be for annual target compliance, a voluntary renewable energy program as provided for in RCW 19.29A.090, or owned by the customer; and eligible resources being included in the report for the first time and documentation of their eligibility.

PSE has acquired sufficient eligible renewable resources in its portfolio to supply at least fifteen percent of its estimated load for the year 2021, in advance of January 1, 2021. Eligible renewable resources that PSE may elect to use in whole or in part to meet its 2021 target include (but are not limited to):

- Hopkins Ridge Wind Project;
- Wild Horse Wind Project;
- Wild Horse Expansion Wind Project (including extra apprenticeship credits);
- Lower Snake River Wind Project (including extra apprenticeship credits);
- Klondike III Wind Project (e.g. the output PSE purchases from Iberdrola);
- Snoqualmie Falls Hydroelectric Efficiency Upgrades;
- Lower Baker River Hydroelectric Efficiency Upgrades;
- Allocation of Hydroelectric Efficiency Upgrades that may be (now or in the future) a part of PSE's Mid-C Contracts;
- Biomass;

- Customer-Generator owned facilities taking service from PSE under PSE electric rate Schedule 91;
- Washington RPS compliant REC purchases; and
- Any other eligible renewable resources that may become available in 2021 or 2022.

Please also see Attachment 1.

Attestation

PSE has purchased RECs for RPS compliance from the following 12 facilities for the first time. PSE respectfully requests the Commission consider and approve these 12 facilities as eligible renewable resources for annual RPS compliance. In support of this request, PSE provides documentation supporting the eligibility of these first time facilities in Attachment 7. PSE has provided the REC purchase contracts under which the RECs were purchased from the 12 facilities (see Confidential Attachment 8, REC Summary and Contracts). Additionally, PSE has provided a WREGIS report indicating that all 12 facilities have a Commenced Operation Date prior to January 1, 2020, the year in which these RECs are intended to be used (see Attachment 9, WREGIS Proof of Operability).

No.	Facility	WREGIS ID	Contract	Facility Type per Att. 9	Compliant Pursuant to WAC 480-109-200
1	Cosmo Specialty Fibers - Cos1	W2233	Contracts A&B	Biomass***	(12)(a)(i) & (32)(j)
2	Cosmo Specialty Fibers Inc. - COS2	W2242	Contracts A&B	Biomass***	(12)(a)(i) & (32)(j)
3	Goodnoe Hills - Goodnoe Hills	W536	Contract C	Wind	(12)(a)(i) & (32)(b)
4	Hidden Hollow Energy LLC	W1634	Contracts D&E	Landfill gas*	(12)(a)(i) & (32)(e)
5	Klondike Wind Power IIIa	W817	Contract F	Wind	(12)(a)(i) & (32)(b)
6	Marengo – Marengo	W185	Contract C	Wind	(12)(a)(i) & (32)(b)
7	Nine Canyon Wind Project	W684	Contract B	Wind***	(12)(a)(i) & (32)(b)
8	Rolling Hills	W928	Contracts G&H	Wind	(12)(a)(i) & (32)(b)
9	Sierra Pacific Burlington	W1491	Contract K	Biomass***	(12)(a)(i) & (32)(j)
10	stimson lumber-plummer	W813	Contract I	Biomass	(12)(a)(i) & (32)(j)
11	Stoltze Cogeneration Plant1	W3662	Contract J	Biomass**	(12)(a)(i) & (32)(j)
12	Top of the World - Top of the World	W1749	Contracts G&H	Wind	(12)(a)(i) & (32)(b)

* Hidden Hollow was determined to be eligible for WA RPS compliance in the compliance letter in PacifiCorp’s 2016 RPS report in Docket No. UE-160777. A copy of the compliance letter is included in Attachment 7. Additionally, PSE is requesting in this filing that this facility be approved to receive a two times multiple as distributed generation. As previously mentioned, this facility has been approved as an eligible renewable resource and it has a nameplate capacity of less than 5 MW of alternating current. Hidden Hollow’s nameplate capacity per Attachment 9 is 3.2 MW-AC. As an eligible renewable resource with a nameplate capacity of less than 5 MW of alternating current, Hidden Hollow meets the definition of Distributed generation per WAC 480-109-060(11). Accordingly, this resource qualifies for the DG multiplier under WAC 480-109-200(4)(b)(ii).

** Stoltze Cogeneration Plant 1 received an advisory opinion from Department of Commerce (“DOC”) on January 22, 2013 that the facility qualifies as a WA RPS eligible resource that also

qualifies as distributed generation for the two times multiplier. A copy of the DOC advisory opinion has been included in Attachment 7.

*** Advisory opinions from the Department of Commerce have been received for these facilities and copies of the opinions are included in Attachment 7.

Section 8. Sales

This section reports on the number of certificates sold, their WREGIS certificate numbers, their source, and the revenues obtained from the sales.

The following table summarizes PSE’s REC sales volumes by source and vintage year for 2012 through 2020 vintages. Through March 31, 2021, the Company has not transferred title to any Vintage 2021 RECs.

Source	WREGIS No.	Vintage									Total REC Sold
		2012	2013	2014	2015	2016	2017	2018	2019	2020	
Wild Horse	W183	389,146	246,192	541,930	43,254	138,677	44,385	203,209	306,408	51,915	1,965,116
Wild Horse Phase II	W1364	54,206	47,386	98,496	10,000	-	-	-	-	-	210,088
Hopkins Ridge	W184	181,289	166,117	423,662	109,781	190,560	74,400	176,270	25,000	-	1,347,079
Hopkins Ridge Phase II	W1382	-	7,309	18,641	1,735	9,184	-	10,171	-	-	47,040
Klondike III	W237	127,913	68,465	133,571	60,697	62,849	57,197	57,609	87,499	-	655,800
Lower Snake River-Dodge Junction	W2669	-	201,751	230,247	-	-	-	-	-	-	431,998
Lower Snake River-Phalen Gulch	W2670	-	142,210	169,808	12,732	-	-	-	-	-	324,750
		752,554	879,430	1,616,355	238,199	401,270	175,982	447,259	418,907	51,915	4,981,871

Reflects REC transfers through 3/31/2021.

Confidential Attachment 4 provides transaction details including the revenue proceeds associated with those sales.

MEMORANDUM

TO: Jon Piliaris, Paul Wetherbee and Chris Smith

FROM: Tricia Fischer and Chris Schaefer

DATE: December 11, 2020

SUBJECT: Renewable portfolio standard

Background

Chapter 480-109 of Washington Administrative Code (WAC) establishes rules that electric utilities must follow to comply with the requirements of the Energy Independence Act (Chapter 19.285 RCW). Specifically, WAC 480-109-200 Renewable portfolio standard states:

(1) **Renewable resource target.** Each utility must meet the following annual targets.

...

(c) By January 1st of each year beginning in 2020 and continuing each year thereafter, each utility must use sufficient eligible renewable resources, acquire equivalent renewable energy credits, or a combination of both, to supply at least fifteen percent of its two-year average load for the remainder of each target year.

...

(2) **Credit eligibility.** Renewable energy credits produced during the target year, the preceding year or the subsequent year may be used to comply with this annual renewable resource requirement provided that they were acquired by January 1st of the target year.

(3) **WREGIS registration.** All eligible hydropower generation and all renewable energy credits used for utility compliance with the renewable resource target must be registered in WREGIS, regardless of facility ownership. Any megawatt-hour of eligible hydropower or renewable energy credit that a utility uses for compliance must have a corresponding certificate retired in the utility's WREGIS account.

...

(5) **Target calculation.** In meeting the annual targets of this section, a utility must calculate its annual target based on the average of the utility's load for the previous two years.

(6) **Integration services.** A renewable resource within the Pacific Northwest may receive integration, shaping, storage or other services from sources outside of the Pacific Northwest and remain eligible to count towards a utility's renewable resource target.

Summary

Pursuant to the requirements of WAC 480-109-200 Renewable portfolio standard, we have prepared this Memorandum to document that Puget Sound Energy (“PSE”) has acquired sufficient eligible renewable resources in its portfolio, by January 1, 2021, to supply at least fifteen percent of its 2019-2020 average load for the 2021 target year. This is consistent with the information provided to the WUTC on December 10, 2019 in PSE’s Integrated Resource Plan Progress Report in Dockets UE-180607 and UG-180608. The section titled Renewable Energy Need (page 15) states that, “... PSE has sufficient qualifying renewable resources to meet the RPS requirements until 2023, including the ability to bank RECs.”

The following provides detail of PSE’s eligible renewable resources, load and renewable energy target.

Eligible Renewable Resources

Eligible renewable resources that PSE may elect to use in whole or in part to meet its 2021 target include (but are not limited to):

- Hopkins Ridge Wind Project;
- Wild Horse Wind Project;
- Wild Horse Expansion Wind Project (including extra apprenticeship credits);
- Lower Snake River Wind Project (including extra apprenticeship credits);
- Klondike III Wind Project (e.g. the output PSE purchases from Iberdrola);
- Snoqualmie Falls Hydroelectric Efficiency Upgrades;
- Lower Baker River Hydroelectric Efficiency Upgrades;
- Allocation of Hydroelectric Efficiency Upgrades that may be (now or in the future) a part of PSE’s Mid-C Contracts;
- Biomass
- Customer-Generator owned facilities taking service from PSE under PSE electric rate Schedule 91;
- WA RPS compliant REC purchases; and
- Any other eligible renewable resources that may become available.

Total 2019 generation from Hopkins Ridge, Wild Horse, Wild Horse Expansion, Lower Snake River and Klondike III Wind Projects was approximately 1,784,502 megawatt-hours (not inclusive of the extra apprenticeship credits); similar generation may be achieved for 2020 and 2021.

These eligible renewable resources may be impacted by events beyond PSE’s reasonable control, which could not be reasonably anticipated, that could prevent PSE from meeting the renewable energy target. Such events may include weather-related damage, mechanical failure, strikes, lockouts, or actions of a governmental authority that adversely affect the generation, transmission, or distribution of an eligible renewable resource owned by or under contract to PSE.

PSE does not currently intend to utilize one of the alternative compliance mechanisms provided for in RCW 19.285.040(2)(d) or RCW 19.285.050(1) and WAC 480-109-220 for meeting its 2021 renewable resource target. However, there may be events beyond PSE’s control during

calendar year 2021 which could prompt PSE to utilize one of the above mentioned alternative compliance mechanisms. Such determination will be made when PSE reports on its final 2021 compliance in the 2022 or 2023 report.

PSE may choose to purchase eligible RECs to meet annual compliance targets and use PSE-owned resources for other purposes.

Load

As defined in the rule, "Load" means the amount of kilowatt-hours of electricity delivered in the most recently completed year by a qualifying utility to its Washington retail customers. Load does not include off-system sales or electricity delivered to transmission-only customers." PSE's actual 2019 delivered load was 20,833,230,000 kilowatt-hours (20,833,230 megawatt-hours) and the 2020 forecast load is 20,415,606,000 kilowatt-hours (20,415,606 megawatt-hours). This forecast does not include Microsoft load served under the Special Contract in Docket UE-161123.

Consistent with WAC 480-109-210(2), based on the average of PSE's load in 2019 and 2020 and as reflected above, PSE's estimated load for purposes of meeting its 2021 target is 20,624,418 megawatt-hours.

2021 Renewable Resource Target

Pursuant to Chapter 480-109-200(1)(b) WAC, PSE's renewable resource target shall be fifteen percent of its 2019-2020 average load. Therefore, PSE's estimated renewable energy target for 2021 is approximately 3,093,663 megawatt-hours (fifteen percent of 20,624,418 megawatt-hours.) PSE expects that eligible renewable energy generation in 2021 combined with an estimate of 1,500,000 (based on actual January through October 2020 generation) surplus RECs generated in 2020 will be in excess of its 2021 requirement.

PSE will report on the specific renewable energy credits produced and to be retired for final compliance with the 2021 target in either its 2022 or 2023 annual report, and reserves the right to submit renewable energy credits from the resources reported here or to substitute with renewable energy credits produced from 2020 to 2022 by other eligible renewable resources or with 2021 generation from eligible renewable resources that have not been converted to renewable energy credits.

Conclusion

PSE has acquired sufficient eligible renewable resources or renewable energy credits to meet the estimated renewable energy target for 2021.

PSE's expected 2021 eligible renewable resource generation of 2,091,607 megawatt-hours, not including extra apprenticeship credits, plus 2020 eligible renewable resource generation banked forward, exceeds its 2021 renewable resource target of 3,093,663 megawatt-hours.

Attachment 2 – IRP Excerpt

The section of the IRP on which the RPS report relies was inadvertently not filed in the IRP. PSE is in the process of supplementing the IRP report in Docket UE-200304 to include the information which should be filed shortly after the RPS filing is made on June 1, 2021. At that time, PSE will supplement this RPS filing with its Attachment 2.



Puget Sound Energy
P.O. Box 97034
Bellevue, WA 98009-9734
PSE.com

Filed via Web Portal

June 7, 2021

Mr. Mark L. Johnson, Executive Director and Secretary
Washington Utilities and Transportation Commission
621 Woodland Square Loop SE
Lacey, Washington 98503

**Re: Annual Renewable Portfolio Standard Report - 2021
Replacement Attachment 2
UE-210411**

Dear Mr. Johnson:

On June 1, 2021 Puget Sound Energy (“PSE”) filed its annual Renewable Portfolio Standard Report (“RPS Report”) in the above-referenced docket. PSE provided the incremental cost information for its eligible renewable resources in Section 4 of the Report. This included the addition of one new eligible renewable resource: a power purchase agreement with Sierra Pacific Industries for the output of a biomass facility.

In past RPS filings, PSE has included an excerpt of information from its existing Integrated Resource Plan (“IRP”) in Attachment 2 to the RPS Report to further support the one time calculation of incremental cost contained in Section 4 of the Report. However, at the time of filing this year’s RPS Report, because it is not an IRP requirement, no such additional information was contained in PSE’s IRP filing. Therefore PSE was unable to provide additional information in Attachment 2. To accommodate this, PSE provided a placeholder for its Attachment 2 while the additional information for the incremental cost was being completed with the intention of providing a supplemental filing in its IRP that could then be used to file an updated Attachment 2 in the RPS Report. Ultimately, however, because this information is not required in an IRP filing, PSE has subsequently decided not to file the information into the IRP docket and to only submit the information into this RPS docket.

A copy of this replacement Attachment 2 will also be submitted to the Department of Commerce.

Mr. Mark L. Johnson

June 7, 2021

Page 2

If you have any questions about the information contained in this filing, please contact Chris Schaefer at 425-456-2932 or chris.schaefer@pse.com. If you have any other questions please contact me at (425) 456-2105.

Sincerely,

/s/ Susan Free

Susan E. Free

Director of Revenue Requirements and Regulatory Compliance

Puget Sound Energy

PO Box 97034, EST-07W

Bellevue, WA 98009-9734

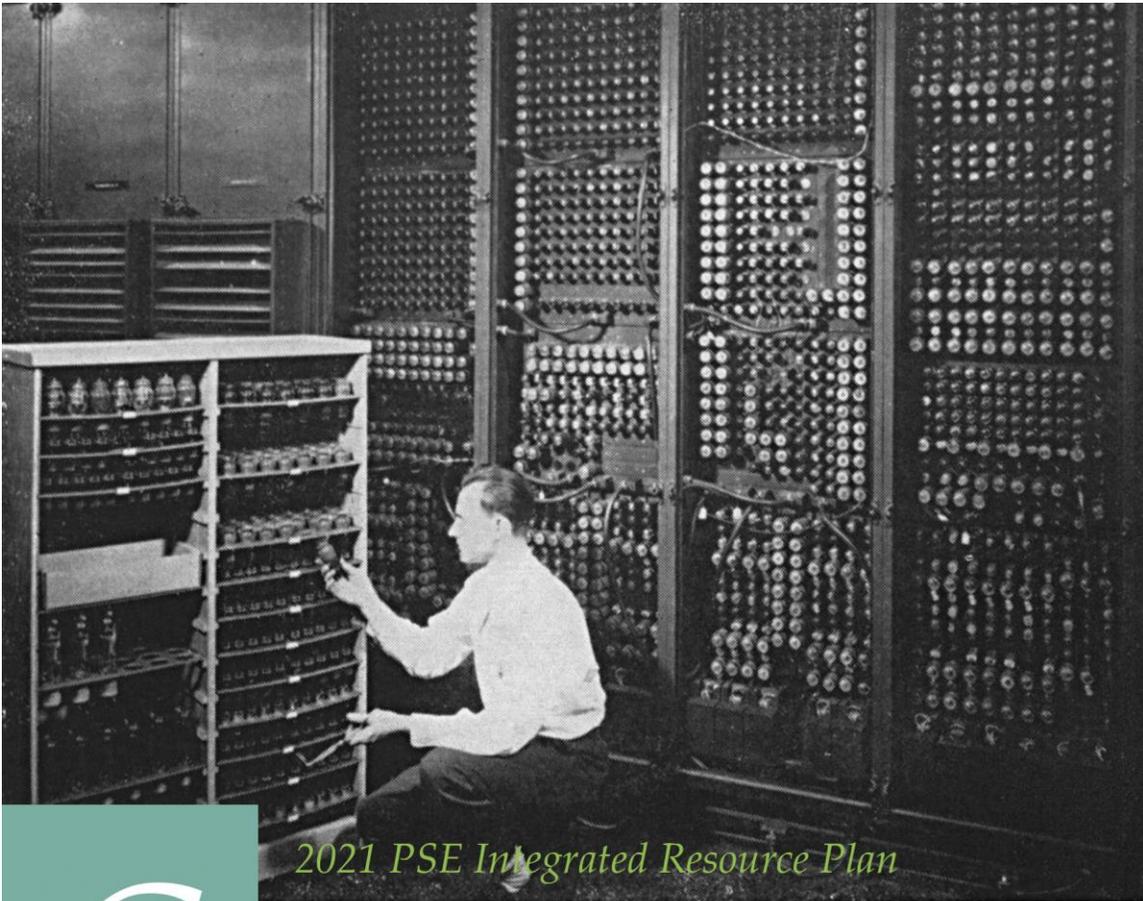
425-456-2105

susan.free@pse.com

cc: Department of Commerce

Attachment:

Replacement Attachment 2



2021 PSE Integrated Resource Plan

G

Electric Analysis Models



INCREMENTAL COSTS OF RENEWABLE RESOURCES G-61

- *Analytic Framework*
- *Equivalent Non-Renewable*
- *Summary Results*



3. Incremental Costs of Renewable Resources

According to RCW 19.285, certain electric utilities in Washington must meet 15 percent of their retail electric load with eligible renewable resources by the calendar year 2020. The annual target for the calendar year 2012 was 3 percent of retail electric load, and for 2016, it was 9 percent. However, if the incremental cost of those renewable resources compared to an equivalent non-renewable is greater than 4 percent of its revenue requirement, then a utility will be considered in compliance with the annual renewable energy target in RCW 19.285. The law states it this way: “The incremental cost of an eligible renewable resource is calculated as the difference between the levelized delivered cost of the eligible renewable resource, regardless of ownership, compared to the levelized delivered cost of an equivalent amount of reasonably available substitute resources that do not qualify as eligible renewable resources.”

Analytic Framework

This analysis compares the revenue requirement cost of each renewable resource with the projected market value and capacity value at the time of the renewable acquisition. There may be other approaches to calculating these costs – such as using variable costs from different kinds of thermal plants instead of market. However, PSE’s approach is most reasonable because it most closely reflects how customers will experience costs; i.e., PSE would not dispatch a peaker or CCCT with the ramping up and down of a wind farm without regard to whether the unit is being economically dispatched. For example, a peaker will not be economically dispatched often at all, so capacity from the thermal plant and energy from market is the closest match to actual incremental costs – and that is the point of this provision in the law – a to ensure customers don’t pay too much. This, “contemporaneous” with the decision-making aspect of PSE’s approach, is important. Utilities should be able to assess whether they will exceed the cost cap before an acquisition, without having to worry about ex-post adjustments that could change compliance status. The analytical framework here reflects a close approximation of the portfolio analysis used by PSE in resource planning, as well as in the evaluation of bids received in response to the company’s request for proposals (RFP).



“Eligible Renewable Resources”

Figure G-36: Resources that Meet RCW 19.285 Definition of Eligible Renewable Resources

	Nameplate (MW)	Annual Energy (aMW)	Commercial Online Date	Market Price/Peaker Assumptions	Capacity Credit Assumption
Hopkins Ridge	149.4	53.3	Dec-05	2004 RFP	20%
Wild Horse	228.6	73.4	Dec-06	2006 RFP	17.20%
Klondike III	50	18	Dec-07	2006 RFP	15.60%
Hopkins Infill	7.2	2.4	Dec-07	2007 IRP	20%
Wild Horse Expansion	44	10.5	Dec-09	2007 IRP	15%
Lower Snake River I	342.7	102.5	Apr-12	2010 Trends	5%
Snoqualmie Upgrades	6.1	3.9	Mar-13	2009 Trends	95%
Lower Baker Upgrades	30	12.5	May-13	2011 IRP Base	95%
SPI Biomass PPA	17	16.2	Jan-21	2018 RFP	96%

Equivalent Non-renewable

The incremental cost of a renewable resource is defined as the difference between the levelized cost of the renewable resource compared to an equivalent non-renewable resource. An equivalent non-renewable is an energy resource that does not meet the definition of a renewable resource in RCW 19.285, but is equal to a renewable resource on an energy and capacity basis. For the purpose of this analysis, the cost of an equivalent non-renewable resource has three components:

1. **Capacity Cost:** There are two parts of capacity cost. First is the capacity in MW. This would be the nameplate for a firm resource like biomass, or the assumed capacity of a wind plant. Second is the \$/kW cost, which we assumed to be equal to the cost of a peaker.
2. **Energy Cost:** This was calculated by taking the hourly generation shape of the resource, multiplied by the market price in each hour. This is the equivalent cost of purchasing the equivalent energy on the market.
3. **Imputed Debt:** The law states the non-renewable must be an “equivalent amount,” which includes a time dimension. If PSE entered into a long-term contract for energy, there would be an element of imputed debt. Therefore, it is included in this analysis as a cost for the non-renewable equivalent.



For example, Hopkins Ridge produces 466,900 MWh annually. The equivalent non-renewable is to purchase 466,900 MWh from the Mid-C market and then build a 30 MW (149.4*20 percent = 30) peaker plant for capacity only. With the example, the cost comparison includes the hourly Mid-C price plus the cost of building a peaker, plus the cost of the imputed debt. The total revenue requirement (fixed and variable costs) of the non-renewable is the cost stream – including end effects – discounted back to the first year. That net present value is then levelized over the life of the comparison renewable resource.

Cost of Renewable Resource

Levelized cost of the renewable resource is more direct. It is based on the proforma financial analysis performed at the time of the acquisition. The stream of revenue requirement (all fixed and variable costs, including integration costs) are discounted back to the first year – again, including end effects. That net present value is then levelized out over the life of the resource/contract. The levelized cost of the renewable resource is then compared with the levelized cost of the equivalent non-renewable resource to calculate the incremental cost.

The following is a detailed example of how PSE calculated the incremental cost of Wild Horse. It is important to note that PSE's approach uses information contemporaneous with the decision making process, so this analysis will not reflect updated assumptions for capacity, capital cost, or integration costs, etc.

Eligible Renewable: Wild Horse Wind Facility

Capacity Contribution Assumption: $228.6 * 17.2\% = 39 \text{ MW}$



1. Calculate Wild Horse Revenue Requirement

Figure G-37 is a sample of the annual revenue requirement calculations for the first few years of Wild Horse, along with the NPV of revenue requirement.

Figure G-37: Calculation of Wild Horse Revenue Requirement

(\$ Millions)	20-yr NPV	2007	2008	...	2025
Gross Plant		384	384	...	384
Accumulative depreciation (Avg.)		(10)	(29)	...	(355)
Accumulative deferred tax (EOP)		(20)	(56)	...	(7)
Rate base		354	299	...	22
After tax WACC		7.01%	7.01%	...	7.01%
After tax return		25	21	...	2
Grossed up return		38	32	...	2
PTC grossed up		(20)	(20)	...	-
Expenses		16	16	...	22
Book depreciation		19	19	...	19
Revenue required	370.9	53	48	...	44
End effects	4.6				
Total revenue requirement	375				



2. Calculate Revenue Requirement for Equivalent Non-renewable: Peaker Capacity

Capacity = 39 MW

Capital Cost of Capacity: \$462/KW

Figure G-38: Calculation of Peaker Revenue Requirement

(\$ Millions)	20-yr NPV	2007	2008	...	2025
Gross Plant		18	18	...	18
Accumulative depreciation (Avg.)		(0)	(1)	...	(10)
Accumulative deferred tax (EOP)		(0)	(0)	...	(3)
Rate base		18	17	...	5
After tax WACC		7.01%	7.01%	...	7.01%
After tax return		1	1	...	0
Grossed up return		2	2	...	0
Expenses		1	1	...	2
Book depreciation		1	1	...	1
Revenue required	32	4	4	...	3
End effects	2				
Total revenue requirement	34				



3. Calculate Revenue Requirement for Equivalent Non-renewable: Energy

Energy: 642,814 MWh

For the market purchase, we used the hourly power prices from the 2006 RFP plus a transmission adder of \$1.65/MWh in 2007 and escalated at 2.5 percent.

Figure G-39: Calculation of Energy Revenue Requirement

Month	Day	Hour	20-yr NPV	2007	...	2025
1	1	1		49 MW * \$59/MW = \$2891	...	49 MW * \$61/MW = \$2989
1	1	2		92 MW * \$60/MW = \$5520	...	92 MW * \$63/MW = \$5796
...
12	31	24		13 MW * \$59/MW = \$767	...	13 MW * \$65/MW = \$845
(\$Millions)						
Cost of Market				36	...	41
Imputed Debt				1	...	0
Total Revenue Requirement			285	37	...	41



4. Incremental Cost

The table below is the total cost of Wild Horse less the cost of the peaker and less the cost of the market purchases for the total 20-year incremental cost difference of the renewable to an equivalent non-renewable.

Figure G-40: 20-yr Incremental Cost of Wild Horse

(\$ Millions)	20-yr NPV
Wild Horse	375
Peaker	34
Market	285
20-yr Incremental Cost of Wild Horse	56

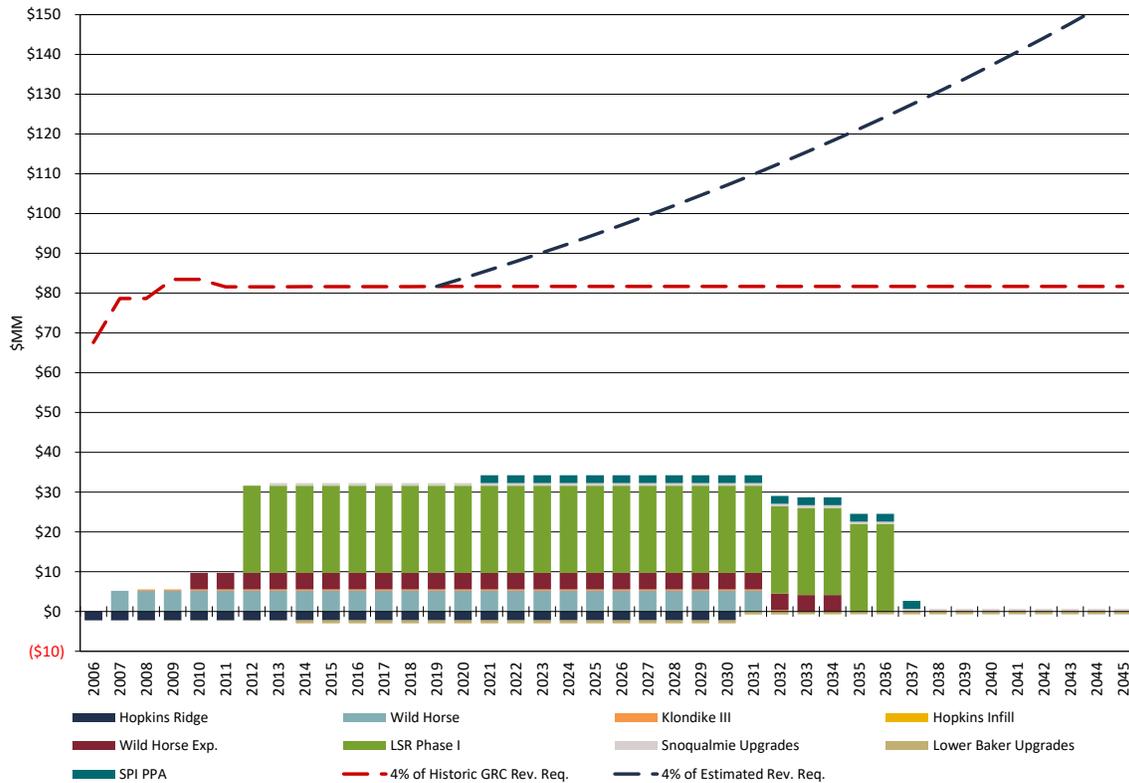
We chose to spread the incremental cost over 25 years since that is the depreciable life of a wind project used by PSE. The payment of \$56 Million over 25 years comes to \$5.2 Million per year using the 7.01 percent discount rate.



Summary Results

Each renewable resource that counts towards meeting the renewable energy target was compared to an equivalent non-renewable resource starting in the same year and levelized over the book life of the plant: 25 years for wind power and 40 years for hydroelectric power. Figure G-41 presents results of this analysis for existing resources and projected resources, including the 17 year SPI PPA. This demonstrates PSE expects to meet the physical targets under RCW 19.285 without being constrained by the cost cap. A negative cost difference means that the renewable was lower-cost than the equivalent non-renewable, while a positive cost means that the renewable was a higher cost.

Figure G-41: Equivalent Non-renewable 20-year Levelized Cost Difference Compared to 4% of 2019 GRC Revenue Requirement



G Electric Analysis Models



As the chart reveals, even if the company's revenue requirement were to stay the same for the next 10 years, PSE would still not hit the 4 percent requirement. The estimated revenue requirement uses a 2.5 percent assumed escalation from the company's current revenue requirement.

Attachment 3

General Instructions:

- Grey shading indicates cells where information is not required
- Yellow shading indicate cells where inputs are entered
- Green shading indicate cells with dropdown lists
- White shading indicate formulated cells
- Blue shading indicates summary calculations

"Compliance Summary" Worksheet

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
	1	Reporting Entity	Text	B2	Enter the name of the reporting entity
	2	Reporting Date	Year	B4	Enter the date the report is submitted
	3	Delivered Load to Retail Customers	MWh	B7:E7	Enter the MWh delivered to customers

"Facility Detail" Worksheet

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
Instructions in the section are for the cells B2:F31. Each row represents a different facility. FIRST UPDATE cell B1053 For Start Year					
	1	Facility Name	Text	B2:B31	Enter the name of the qualifying facility or contract
	2	WREGIS ID	Text	C2:C31	Enter the WREGIS ID for the qualifying facility
	3	Facility Type	Toggle	D2:D31	Select the generation type for the qualifying facility
	4	Extra Apprenticeship Credit Eligibility	Toggle	E2:E31	For facilities that qualify for extra apprenticeship credits select "Eligible". Select "Not Eligible for non-qualifying facilities.
	5	Distributed Generation Eligibility	Toggle	F2:F31	For facilities that qualify for distributed generation select "Eligible". Select "Not Eligible for non-qualifying facilities.

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
Instructions in this section identify the input locations for the 1st facility found in the "Facility Detail" worksheet. Inputs for facilities 2 through 30, also found in the "Facility Detail" worksheet, are identical to facility 1.					
	6	Total MWh Produced from Facility	Number	D39:F39	Enter the annual MWh output from the qualifying facility
	7	Percent of MWh Qualifying	%	D40:F40	Enter the percent of MWh produced that are eligible for meeting RCW 19.285
	8	Percent of Qualifying MWh Allocated to WA State Compliance	%	D41:F41	Enter the percent of qualifying MWh used for compliance with RCW 19.285. Used for facilities that are utilized for RPS compliance in two or more states.
	9	Quantity of RECs from MWh Sold	Number	D50:F50	Enter the annual amount of RECs sold. For Multi-Jurisdictional Utilities, enter in annual WA allocated amount of RECs sold.
	10	Bonus Incentives Transferred	Number	D51:F51	Enter the annual amount of transferred RECs procured from bonus incentives
	11	Bonus Incentives Not Realized	Number	D52:F52	Enter the annual number of bonus incentives that were not realized
	12	2011 Surplus Applied to 2012	Number	D56	Enter the amount of RECs procured in 2011 used for compliance in 2012
	13	2012 Surplus Applied to 2011	Number	E57	Enter the amount of RECs procured in 2012 used for compliance in 2011
	14	2012 Surplus Applied to 2013	Number	E58	Enter the amount of RECs procured in 2012 used for compliance in 2013
	15	2013 Surplus Applied to 2012	Number	F59	Enter the amount of RECs procured in 2013 used for compliance in 2012

Reporting Entity:

Puget Sound Energy

Reporting Date:

June 1, 2021

RCW 19.285 Compliance Need

Delivered Load to Retail Customers (MWh)
WA State RCW 19.285 Requirement
Quantity Required for Compliance

	2017	2018	2019	2020	2021
Delivered Load to Retail Customers (MWh)	21,316,397	20,697,195	20,833,230	20,088,222	Not Applicable
WA State RCW 19.285 Requirement	9%	9%	9%	15%	15%
Quantity Required for Compliance	1,843,118	1,879,417	1,890,612	3,114,782	3,069,109

Eligible Quantity Acquired

Qualifying MWh Allocated to WA
Quantity from Non REC Eligible Generation
Total Quantity Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
Qualifying MWh Allocated to WA	1,934,234	2,175,902	2,263,843	2,623,695	2,280,641
Quantity from Non REC Eligible Generation	162,488	196,505	162,027	251,874	188,979
Total Quantity Available for RCW 19.285 Compliance	2,096,722	2,372,407	2,425,870	2,875,569	2,469,620

Sales and Transfers

Quantity of RECs Sold
Bonus Incentives Transferred
Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
Quantity of RECs Sold	(175,982)	(447,259)	(418,907)	(51,915)	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	(175,982)	(447,259)	(418,907)	(51,915)	-

Adjustments

2016 Surplus Applied to 2017
2017 Surplus Applied to 2016
2017 Surplus Applied to 2018
2018 Surplus Applied to 2017
2018 Surplus Applied to 2019
2019 Surplus Applied to 2018
2019 Surplus Applied to 2020
2020 Surplus Applied to 2019
2020 Surplus Applied to 2021
2021 Surplus Applied to 2020
Net Surplus Adjustments

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	1,760,729				
2017 Surplus Applied to 2016					
2017 Surplus Applied to 2018	(1,771,252)	1,771,252			
2018 Surplus Applied to 2017	-	-			
2018 Surplus Applied to 2019		(1,799,654)	1,799,654		
2019 Surplus Applied to 2018		-	-		
2019 Surplus Applied to 2020			(1,916,005)	1,916,005	
2020 Surplus Applied to 2019			-	-	
2020 Surplus Applied to 2021				(1,624,877)	1,624,877
2021 Surplus Applied to 2020				-	-
Net Surplus Adjustments	(10,523)	(28,402)	(116,351)	291,128	1,624,877

Adjustment for Events Beyond Control

	2017	2018	2019	2020	2021
Adjustment for Events Beyond Control	-	-	-	-	-

RCW 19.285 Compliance Surplus / (Deficit)

	2017	2018	2019	2020	2021
RCW 19.285 Compliance Surplus / (Deficit)	67,098	17,329	0	0	1,025,388

Actual Retirements for RPS Compliance

	2017	2018	2019	2020	2021
Actual Retirements for RPS Compliance	1,647,643	1,716,929	1,694,107		

In both the "Compliance Summary" and "Facility Detail" worksheets, utilities may need to protect commercially sensitive information by use of the CONFIDENTIAL designation.

Facility Name:	Facility WREGIS ID:	Facility Status	Facility Fuel Type	Extra Apprenticeship Credit Eligibility:	Distributed Generation Bonus Eligibility:	Online Date:
Baker River Project	W4865	PSE owned	Water (Incremental Hydro)	Not Eligible	---	
Hopkins Ridge	W184	PSE owned	Wind	Not Eligible	---	
Hopkins Ridge Phase II	W1382	PSE owned	Wind	Not Eligible	---	
Klondike III	W237	PPA	Wind	Not Eligible	---	
Lower Snake River - Dodge Junction	W2669	PSE owned	Wind	Eligible	---	
Lower Snake River - Phalen Gulch	W2670	PSE owned	Wind	Eligible	---	
Snoqualmie Falls Project	W4866	PSE owned	Water (Incremental Hydro)	Not Eligible	---	
Sierra Pacific Burlington - Sierra Pacific Burlington	W1491	PPA	Biomass	Not Eligible	---	
Wild Horse	W183	PSE owned	Wind	Not Eligible	---	
Wild Horse Phase II	W1364	PSE owned	Wind	Eligible	---	
Camp Reed Wind Park - Camp Reed Wind Park	W1875	REC only	Wind	Not Eligible	---	
Condon Wind Power	W774	REC only	Wind	Not Eligible	---	
Condon Wind Power Phase II	W833	REC only	Wind	Not Eligible	---	
Cosmo Specialty Fibers - Cos1	W2233	REC only	Biomass	Not Eligible	---	
Cosmo Specialty Fibers Inc. - COS2	W2242	REC only	Biomass	Not Eligible	---	
Golden Valley Wind Park - Golden Valley Wind Park	W1862	REC only	Wind	Not Eligible	---	
Goodnoe Hills - Goodnoe Hills	W536	REC only	Wind	Not Eligible	---	
Grand View 2 West	W5070	REC only	Solar	Not Eligible	---	
Grand View 5 East	W5069	REC only	Solar	Not Eligible	---	
Hidden Hollow Energy LLC - Hidden Hollow Energy	W1634	REC only	Biogas	Not Eligible	Eligible	
Horse Butte Wind	W3260	REC only	Wind	Not Eligible	---	
ID Solar 1	W5076	REC only	Solar	Not Eligible	---	
Klondike 1	W238	REC only	Wind	Not Eligible	---	
Klondike III - Klondike Wind Power III LLC	W237	REC only	Wind	Not Eligible	---	
Klondike IIIa - Klondike Wind Power IIIa	W817	REC only	Wind	Not Eligible	---	
Marengo - Marengo	W185	REC only	Wind	Not Eligible	---	
Meadow Creek Wind Farm - Five Pine Project	W3186	REC only	Wind	Not Eligible	---	
Meadow Creek Wind Farm - North Point Wind Farm	W3185	REC only	Wind	Not Eligible	---	
Mountain Air Wind Projects - Mountain Air Wind Projects	W2869	REC only	Wind	Not Eligible	---	
Nine Canyon Wind Project - Nine Canyon Phase 3	W697	REC only	Wind	Not Eligible	---	
Nine Canyon Wind Project - Nine Canyon Wind Project	W684	REC only	Wind	Not Eligible	---	
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	W1882	REC only	Wind	Not Eligible	---	
PaTu Wind Farm - PaTu Wind	W1844	REC only	Wind	Not Eligible	---	
Rolling Hills - Rolling Hills	W928	REC only	Wind	Not Eligible	---	
Roseburg LFG - Roseburg LFG Energy	W2616	REC only	Landfill Gas	Not Eligible	---	
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	W1885	REC only	Wind	Not Eligible	---	
Sawtooth Wind Project - Sawtooth Wind Project	W2323	REC only	Wind	Not Eligible	---	
Stateline (WA) - FPL Energy Vansycle LLC	W248	REC only	Wind	Not Eligible	---	
stimson lumber-plummer - stimson-plummer	W813	REC only	Biomass	Not Eligible	---	
Stoltze Cogeneration Plant - Stoltze CoGen1	W3662	REC only	Biomass	Not Eligible	Eligible	
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	W1881	REC only	Wind	Not Eligible	---	
Top of the World - Top of the World	W1749	REC only	Wind	Not Eligible	---	
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	W1883	REC only	Wind	Not Eligible	---	
Tuana Springs Energy, LLC - Tuana Springs	W1503	REC only	Wind	Not Eligible	---	
White Creek Wind 1 - White Creek	W360	REC only	Wind	Not Eligible	---	
				---	---	
				---	---	
0				---	---	
INSERT ABOVE THIS LINE				---	---	

In both the "Compliance Summary" and "Facility Detail" worksheets, utilities may need to protect commercially sensitive information by use of the CONFIDENTIAL designation.

1

Baker River Project

PSE owned

MWh Allocated to WA Compliance

Total MWh Produced from Baker River Project
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
Total MWh Produced from Baker River Project	313,000	385,059	263,625	383,403	348,548
Percent of MWh Qualifying Under RCW 19.285	28.3%	28.3%	28.3%	28.3%	28.3%
Percent of Qualifying MWh Allocated to WA	100%	100%	100%	100%	100%
Eligible MWh Available for RCW 19.285 Compliance	88,579	108,971	74,606	108,503	98,639

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
Extra Apprenticeship Credit	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
Net Surplus Adjustments

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	-				
2017 Surplus Applied to 2016	-				
2017 Surplus Applied to 2018	-	-			
2018 Surplus Applied to 2017	-	-			
2018 Surplus Applied to 2019	-	-	-		
2019 Surplus Applied to 2018		-	-		
2019 Surplus Applied to 2020			-	-	
2020 Surplus Applied to 2019				-	
2020 Surplus Applied to 2021				-	-
2021 Surplus Applied to 2020				-	-
Net Surplus Adjustments	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
---	----------	----------	----------	----------	----------

Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	88,579	108,971	74,606	108,503	98,639
Actual Retirements for RPS Compliance	88,579	108,971	74,606		

Baker estimated RPS Eligible generation based on Incremental Hydro Calculation Method 2. Baker Project WREGIS Registration was completed June, 2016

2

Hopkins Ridge

PSE owned

MWh Allocated to WA Compliance

Total MWh Produced from Hopkins Ridge
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
Total MWh Produced from Hopkins Ridge	329,544	392,020	324,844	456,184	396,353
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	100%	100%	100%	100%	100%
Eligible MWh Available for RCW 19.285 Compliance	329,544	392,020	324,844	456,184	396,353

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
Extra Apprenticeship Credit	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
Quantity of RECs Sold	74,400	176,270	25,000	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	74,400	176,270	25,000	-	-

Adjustments

2016 Surplus Applied to 2017

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	207,498				

Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

100%	100%	100%	100%	100%
110,618	119,438	117,651	139,693	136,625

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus

Total Quantity from Non REC Eligible Generation

2017	2018	2019	2020	2021
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized

Total Sold / Transferred / Unrealized

2017	2018	2019	2020	2021
57,197	57,609	87,499	-	-
-	-	-	-	-
-	-	-	-	-
57,197	57,609	87,499	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
Net Surplus Adjustments

2017	2018	2019	2020	2021
64,389				
-				
53,421	53,421			
-	-			
	61,829	61,829		
	-	-		
		30,152	30,152	
		-	-	
			139,693	139,693
			-	-
10,968	(8,408)	31,677	(109,541)	139,693

Adjustment for Events Beyond Control

-	-	-	-	-
---	---	---	---	---

Contribution to RCW 19.285 Compliance

4 Actual Retirements for RPS Compliance

64,389	53,421	61,829	30,152	276,318
64,389	53,421	61,829		

5

Lower Snake River - Dodge Junction

PSE owned

MWh Allocated to WA Compliance

Total MWh Produced from Lower Snake River - Dodge Junction
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

2017	2018	2019	2020	2021
413,806	508,243	412,098	564,293	494,914
100%	100%	100%	100%	100%
100%	100%	100%	100%	100%
413,806	508,243	412,098	564,293	494,914

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus

Total Quantity from Non REC Eligible Generation

2017	2018	2019	2020	2021
82,761	101,649	82,420	112,859	98,983
-	-	-	-	-
82,761	101,649	82,420	112,859	98,983

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized

Total Sold / Transferred / Unrealized

2017	2018	2019	2020	2021
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019

2017	2018	2019	2020	2021
600,881				
-				
496,567	496,567			
-	-			
	609,892	609,892		
	-	-		
		494,518	494,518	
		-	-	

2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
Net Surplus Adjustments

				677,152	677,152
				-	-
	104,314	(113,324)	115,374	(182,634)	677,152

Adjustment for Events Beyond Control

	-	-	-	-	-
--	---	---	---	---	---

Contribution to RCW 19.285 Compliance

5	600,881	496,567	609,892	494,518	1,271,049
Actual Retirements for RPS Compliance	500,734	413,806	508,243		

6

Lower Snake River - Phalen Gulch

PSE owned

MWh Allocated to WA Compliance

#REF!
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
	299,266	370,818	298,679	404,341	354,628
	100%	100%	100%	100%	100%
	100%	100%	100%	100%	100%
	299,266	370,818	298,679	404,341	354,628

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
	59,853	74,164	59,736	80,868	70,926
	-	-	-	-	-
	59,853	74,164	59,736	80,868	70,926

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
Net Surplus Adjustments

	2017	2018	2019	2020	2021
	441,544				
	-				
	359,119	359,119			
	-	-			
		444,982	444,982		
		-	-		
			358,415	358,415	
			-		
				485,209	485,209
				-	-
	82,424	(85,862)	86,567	(126,794)	485,209

Adjustment for Events Beyond Control

	-	-	-	-	-
--	---	---	---	---	---

Contribution to RCW 19.285 Compliance

6	441,544	359,119	444,982	358,415	910,763
Actual Retirements for RPS Compliance	367,953	299,266	370,818		

7

Snoqualmie Falls Project

PSE owned

MWh Allocated to WA Compliance

Total MWh Produced from Snoqualmie Falls Project
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
	195,400	194,398	185,294	232,657	232,247
	8.5%	8.5%	8.5%	8.5%	8.5%
	100%	100%	100%	100%	100%
	16,609	16,523	15,750	19,776	19,741

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus

	2017	2018	2019	2020	2021
	-	-	-	-	-
	-	-	-	-	-

Total Quantity from Non REC Eligible Generation

-	-	-	-	-
---	---	---	---	---

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized

	2017	2018	2019	2020	2021
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-

Total Sold / Transferred / Unrealized

-	-	-	-	-
---	---	---	---	---

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	-				
2017 Surplus Applied to 2016	-				
2017 Surplus Applied to 2018	-				
2018 Surplus Applied to 2017		-			
2018 Surplus Applied to 2019		-			
2019 Surplus Applied to 2018			-		
2019 Surplus Applied to 2020			-		
2020 Surplus Applied to 2019				-	
2020 Surplus Applied to 2021				-	
2021 Surplus Applied to 2020					-

Net Surplus Adjustments

-	-	-	-	-
---	---	---	---	---

Adjustment for Events Beyond Control

-	-	-	-	-
---	---	---	---	---

Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

7	16,609	16,523	15,750	19,776	19,741
	16,609	16,523	15,750		

8

Sierra Pacific Burlington - Sierra Pacific Burlington

PPA

MWh Allocated to WA Compliance

Total MWh Purchased from Sierra Pacific Burlington - Sierra Pacific Burlington
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
Total MWh Purchased from Sierra Pacific Burlington - Sierra Pacific Burlington					120,421
Percent of MWh Qualifying Under RCW 19.285					100%
Percent of Qualifying MWh Allocated to WA					100%
Eligible MWh Available for RCW 19.285 Compliance					120,421

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus

Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
Extra Apprenticeship Credit	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized

Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	-				
2017 Surplus Applied to 2016	-				
2017 Surplus Applied to 2018	-				
2018 Surplus Applied to 2017		-			
2018 Surplus Applied to 2019		-			
2019 Surplus Applied to 2018			-		
2019 Surplus Applied to 2020			-		
2020 Surplus Applied to 2019				-	
2020 Surplus Applied to 2021				-	
2021 Surplus Applied to 2020					-

Net Surplus Adjustments

-	-	-	-	-
---	---	---	---	---

Adjustment for Events Beyond Control

-	-	-	-	-
---	---	---	---	---

Contribution to RCW 19.285 Compliance	8	-	-	-	-	120,421
Actual Retirements for RPS Compliance						

9

Wild Horse

PSE owned

MWh Allocated to WA Compliance

	2017	2018	2019	2020	2021
Total MWh Produced from Wild Horse	516,263	537,534	516,216	643,493	543,895
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	100%	100%	100%	100%	100%
Eligible MWh Available for RCW 19.285 Compliance	516,263	537,534	516,216	643,493	543,895

Non REC Eligible Generation

	2017	2018	2019	2020	2021
Extra Apprenticeship Credit	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-

REC Sales / Transfers

	2017	2018	2019	2020	2021
Quantity of RECs Sold	44,385	203,209	306,408	51,915	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	44,385	203,209	306,408	51,915	-

Adjustments

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	305,994				
2017 Surplus Applied to 2016	-				
2017 Surplus Applied to 2018	471,878	471,878			
2018 Surplus Applied to 2017	-	-			
2018 Surplus Applied to 2019		334,325	334,325		
2019 Surplus Applied to 2018		-	-		
2019 Surplus Applied to 2020			209,808	209,808	
2020 Surplus Applied to 2019			-	-	
2020 Surplus Applied to 2021				174,195	174,195
2021 Surplus Applied to 2020				-	-
Net Surplus Adjustments	(165,884)	137,553	124,517	35,614	174,195

Adjustment for Events Beyond Control

	-	-	-	-	-
--	---	---	---	---	---

Contribution to RCW 19.285 Compliance	9	305,994	471,878	334,325	627,192	718,090
Actual Retirements for RPS Compliance						
		238,895	471,878	334,325		

Wild Horse Phase II

PSE owned

MWh Allocated to WA Compliance

Produced from Wild Horse Phase II
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
Produced from Wild Horse Phase II	99,368	103,462	99,359	123,857	95,353
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	100%	100%	100%	100%	100%
Eligible MWh Available for RCW 19.285 Compliance	99,368	103,462	99,359	123,857	95,353

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
Extra Apprenticeship Credit	19,874	20,692	19,872	24,771	19,071
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	19,874	20,692	19,872	24,771	19,071

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
Net Surplus Adjustments

	2017	2018	2019	2020	2021
2016 Surplus Applied to 2017	130,423				
2017 Surplus Applied to 2016	-				
2017 Surplus Applied to 2018	119,242	119,242			
2018 Surplus Applied to 2017	-	-			
2018 Surplus Applied to 2019		124,154	124,154		
2019 Surplus Applied to 2018		-	-		
2019 Surplus Applied to 2020			119,231	119,231	
2020 Surplus Applied to 2019			-	-	
2020 Surplus Applied to 2021				148,628	148,628
2021 Surplus Applied to 2020				-	-
Net Surplus Adjustments	11,182	(4,913)	4,924	(29,398)	148,628

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
--------------------------------------	---	---	---	---	---

Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

10	130,423	119,242	124,154	119,231	263,052
	108,686	99,368	103,462		

11

Camp Reed Wind Park - Camp Reed Wind Park

REC only

MWh Allocated to WA Compliance

Purchased from Camp Reed Wind Park - Camp Reed Wind Park
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
			18,037		
			100%		
			100%		
	-	-	18,037	-	-

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
	-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
Net Surplus Adjustments

	2017	2018	2019	2020	2021
	-				
	-				
	-	-			
	-	-			
		-	-		
		-			
			17,435	17,435	
			-	-	
				-	-
					-
	-	-	(17,435)	17,435	-

Adjustment for Events Beyond Control

--	--	--	--	--	--

Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

11	-	-	602	17,435	-
----	---	---	-----	--------	---

602

12

Condon Wind Power

REC only

MWh Allocated to WA Compliance

Purchased from Condon Wind Power
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2017	2018	2019	2020	2021
	1,046		591		
	100%		100%		
	100%		100%		
	1,046	-	591	-	-

Non REC Eligible Generation

Extra Apprenticeship Credit
 Distributed Generation Bonus
Total Quantity from Non REC Eligible Generation

	2017	2018	2019	2020	2021
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold
 Bonus Incentives Transferred
 Bonus Incentives Not Realized
Total Sold / Transferred / Unrealized

	2017	2018	2019	2020	2021
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2016 Surplus Applied to 2017

	2017	2018	2019	2020	2021
	-				

PUGET SOUND ENERGY 2021 RPS REPORT
Compliance Contribution by Generation Type

	2017	2018	2019	2020	2021
Wind	1,767,729	1,771,252	1,800,256	2,840,057	3,855,696
Solar	37,300	-	-	-	-
Water (Incremental Hydro)	105,188	125,494	90,356	128,279	118,380
Biogas	-	-	-	36,752	-
Biomass	-	-	-	107,333	120,421
Geothermal	-	-	-	-	-
Landfill Gas	-	-	-	2,361	-
Sewage Treatment Gas	-	-	-	-	-
Wave, Ocean, Tidal	-	-	-	-	-
	1,910,217	1,896,746	1,890,612	3,114,782	4,094,497

check 0 - - - -

Facility Name	Facility Type	2017	2018	2019	2020	2021
Baker River Project	Water (Incremental H	88,579	108,971	74,606	108,503	98,639
Hopkins Ridge	Wind	207,498	255,144	215,750	756,028	396,353
Hopkins Ridge Phase II	Wind	10,000	15,881	8,722	37,640	20,072
Klondike III	Wind	64,389	53,421	61,829	30,152	276,318
Lower Snake River - Dodge Junction	Wind	600,881	496,567	609,892	494,518	1,271,049
Lower Snake River - Phalen Gulch	Wind	441,544	359,119	444,982	358,415	910,763
Snoqualmie Falls Project	Water (Incremental H	16,609	16,523	15,750	19,776	19,741
Sierra Pacific Burlington - Sierra Pacific Burlington	Biomass	-	-	-	-	120,421
Wild Horse	Wind	305,994	471,878	334,325	627,192	718,090
Wild Horse Phase II	Wind	130,423	119,242	124,154	119,231	263,052
Camp Reed Wind Park - Camp Reed Wind Park	Wind	-	-	602	17,435	-
Condon Wind Power	Wind	1,046	-	-	591	-
Condon Wind Power Phase II	Wind	1,069	-	-	604	-
Cosmo Specialty Fibers - Cos1	Biomass	-	-	-	25,871	-
Cosmo Specialty Fibers Inc. - COS2	Biomass	-	-	-	26,987	-
Golden Valley Wind Park - Golden Valley Wind Park	Wind	-	-	-	8,708	-
Goodnoe Hills - Goodnoe Hills	Wind	-	-	-	6,000	-
Grand View 2 West	Solar	18,511	-	-	-	-
Grand View 5 East	Solar	6,741	-	-	-	-
Hidden Hollow Energy LLC - Hidden Hollow Energy	Biogas	-	-	-	36,752	-
Horse Butte Wind	Wind	27	-	-	16,566	-
ID Solar 1	Solar	12,048	-	-	-	-
Klondike 1	Wind	968	-	-	755	-
Klondike III - Klondike Wind Power III LLC	Wind	-	-	-	19,040	-

Klondike IIIa - Klondike Wind Power IIIa	Wind	-	-	-	1,852	-
Marengo - Marengo	Wind	-	-	-	10,937	-
Meadow Creek Wind Farm - Five Pine Project	Wind	-	-	-	25,276	-
Meadow Creek Wind Farm - North Point Wind Farm	Wind	-	-	-	49,724	-
Mountain Air Wind Projects - Mountain Air Wind Projects	Wind	-	-	-	25,681	-
Nine Canyon Wind Project - Nine Canyon Phase 3	Wind	-	-	-	16,850	-
Nine Canyon Wind Project - Nine Canyon Wind Project	Wind	-	-	-	25,489	-
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	Wind	-	-	-	9,879	-
PaTu Wind Farm - PaTu Wind	Wind	-	-	-	26,276	-
Rolling Hills - Rolling Hills	Wind	-	-	-	15,000	-
Roseburg LFG - Roseburg LFG Energy	Landfill Gas	-	-	-	2,361	-
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	Wind	-	-	-	17,090	-
Sawtooth Wind Project - Sawtooth Wind Project	Wind	-	-	-	57,727	-
Stateline (WA) - FPL Energy Vansycle LLC	Wind	3,890	-	-	2,582	-
stimson lumber-plummer - stimson-plummer	Biomass	-	-	-	15,794	-
Stoltze Cogeneration Plant - Stoltze CoGen1	Biomass	-	-	-	30,000	-
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	Biomass	-	-	-	8,681	-
Top of the World - Top of the World	Wind	-	-	-	21,727	-
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	Wind	-	-	-	7,912	-
Tuana Springs Energy, LLC - Tuana Springs	Wind	-	-	-	30,105	-
White Creek Wind 1 - White Creek	Wind	-	-	-	3,077	-
	0 Wind	-	-	-	-	-
	0 Wind	-	-	-	-	-
	0	-	-	-	-	-
	0	-	-	-	-	-
INSERT ABOVE THIS LINE						
	#N/A					
	#N/A					

1,910,217 1,896,746 1,890,612 3,114,782 4,094,497

check - - - - -

REDACTED VERSION

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC	Total Qty	Total REC	
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues		Revenues	
Hopkins Ridge Phase II	2013-11HR2	Oct-14	W1382	1,330		10,171		2018 Vintage
Hopkins Ridge Phase II	2013-12HR2	Oct-14	W1382	1,520				
Hopkins Ridge Phase II	2014-01HR2	Oct-14	W1382	1,233				
Hopkins Ridge Phase II	2014-02HR2	Oct-14	W1382	1,376				
Hopkins Ridge Phase II	2014-03HR2	Oct-14	W1382	2,173				
Hopkins Ridge Phase II	2014-04HR2	Oct-14	W1382	2,147				
Hopkins Ridge Phase II	2014-05HR2	Oct-14	W1382	1,884				
Hopkins Ridge Phase II	2014-06HR2	Oct-14	W1382	1,883				
Hopkins Ridge Phase II	2014-07HR2	Jan-15	W1382	1,262				
Hopkins Ridge Phase II	2014-08HR2	Jan-15	W1382	1,165				
Hopkins Ridge Phase II	2014-09HR2	Jan-15	W1382	693				
Hopkins Ridge Phase II	2014-09HR2	Apr-15	W1382	437				
Hopkins Ridge Phase II	2014-10HR2	Apr-15	W1382	1,483				
Hopkins Ridge Phase II	2014-11HR2	Apr-15	W1382	1,813				
Hopkins Ridge Phase II	2014-12HR2	Apr-15	W1382	1,092				
Hopkins Ridge Phase II	2015-01HR2	Apr-15	W1382	574				
Hopkins Ridge Phase II	2015-02HR2	Apr-15	W1382	1,161				
Hopkins Ridge Phase II	2016-07HR2	Mar-18	W1382	1,583				
Hopkins Ridge Phase II	2016-08HR2	Mar-18	W1382	1,129				
Hopkins Ridge Phase II	2016-09HR2	Mar-18	W1382	1,478				
Hopkins Ridge Phase II	2016-10HR2	Mar-18	W1382	1,724				
Hopkins Ridge Phase II	2016-11HR2	Mar-18	W1382	1,705				
Hopkins Ridge Phase II	2016-12HR2	Mar-18	W1382	1,565				
Hopkins Ridge Phase II	2018 - 01HR2	Mar-19	W1382	1,961				
Hopkins Ridge Phase II	2018 - 07HR2	Feb-19	W1382	1,158				
Hopkins Ridge Phase II	2018 - 08HR2	Feb-19	W1382	1,529				
Hopkins Ridge Phase II	2018 - 09HR2	Feb-19	W1382	1,243				
Hopkins Ridge Phase II	2018 - 10HR2	Feb-19	W1382	947				
Hopkins Ridge Phase II	2018 - 11HR2	Jan-19	W1382	1,740				
Hopkins Ridge Phase II	2018 - 12HR2	Jan-19	W1382	1,593				
Wild Horse	2012-01WH	May-12	W183	38,143		389,146		2012 Vintage
Wild Horse	2012 - 03WH	Aug-20	W183	25,000		246,192		2013 Vintage
Wild Horse	2012 - 03WH	Mar-21	W183	2,118		541,930		2014 Vintage
Wild Horse	2012 - 03WH	Mar-21	W183	2,292		43,254		2015 Vintage
Wild Horse	2012 - 03WH	Mar-21	W183	16,789		138,677		2016 Vintage
Wild Horse	2012 - 04WH	Mar-21	W183	21,371		44,385		2017 Vintage

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC		Total REC Revenues	
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues	Total Qty		
Wild Horse	2012 - 05WH	Mar-21	W183	61,347		203,209		2018 Vintage
Wild Horse	2012-07WH	Dec-13	W183	26,875		306,408		2019 Vintage
Wild Horse	2012-08WH	Dec-13	W183	39,253		51,915		2020 Vintage
Wild Horse	2012-09WH	Dec-13	W183	29,767				
Wild Horse	2012-10WH	Dec-13	W183	45,454				
Wild Horse	2012-11WH	Dec-13	W183	34,606				
Wild Horse	2012 - 12WH	Mar-21	W183	22,086				
Wild Horse	2012-12WH	Dec-13	W183	24,045				
Wild Horse	2013-07WH	Jul-14	W183	15,535				
Wild Horse	2013-07WH	Oct-14	W183	26,280				
Wild Horse	2013-08WH	Oct-14	W183	24,591				
Wild Horse	2013-09WH	Oct-14	W183	39,676				
Wild Horse	2013-10WH	Oct-14	W183	32,117				
Wild Horse	2013-11WH	Oct-14	W183	27,336				
Wild Horse	2013-11WH	Jan-15	W183	12,577				
Wild Horse	2013-12WH	Jan-15	W183	25,465				
Wild Horse	2013-12WH	Feb-15	W183	3,000				
Wild Horse	2013-12WH	Apr-15	W183	39,615				
Wild Horse	2014-01WH	Oct-14	W183	25,000				
Wild Horse	2014-01WH	Nov-14	W183	991				
Wild Horse	2014-02WH	Nov-14	W183	39,394				
Wild Horse	2014-03WH	Nov-14	W183	60,000				
Wild Horse	2014-03WH	Apr-15	W183	160				
Wild Horse	2014-04WH	Nov-14	W183	66,150				
Wild Horse	2014-05WH	Nov-14	W183	48,537				
Wild Horse	2014-06WH	Nov-14	W183	39,928				
Wild Horse	2014-06WH	Apr-15	W183	19,422				
Wild Horse	2014-07WH	Apr-15	W183	26,017				
Wild Horse	2014-08WH	Apr-15	W183	36,234				
Wild Horse	2014-09WH	Apr-15	W183	41,907				
Wild Horse	2014-10WH	Apr-15	W183	38,734				
Wild Horse	2014-10WH	Dec-15	W183	882				
Wild Horse	2014-11WH	Jun-15	W183	30,000				
Wild Horse	2014-11WH	Jan-16	W183	24,038				
Wild Horse	2014-11WH	Feb-16	W183	1,653				
Wild Horse	2014-12WH	May-15	W183	20,000				

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC		Total REC Revenues
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues	Total Qty	
Wild Horse	2014-12WH	Dec-15	W183	22,000			
Wild Horse	2014-12WH	Mar-16	W183	883			
Wild Horse	2015-07WH	Mar-17	W183	43,254			
Wild Horse	2016-07WH	Dec-17	W183	39,127			
Wild Horse	2016-07WH	Dec-17	W183	4,603			
Wild Horse	2016-07WH	Feb-18	W183	4,837			
Wild Horse	2016-08WH	Feb-18	W183	19,294			
Wild Horse	2016-08WH	Mar-18	W183	17,912			
Wild Horse	2016-09WH	Mar-18	W183	50,678			
Wild Horse	2016-10WH	Mar-18	W183	2,226			
Wild Horse	2017-07 WH	Dec-18	W183	44,385			
Wild Horse	2018-07WH	Feb-19	W183	33,427			
Wild Horse	2018-08WH	Feb-19	W183	35,505			
Wild Horse	2018-10WH	Sep-19	W183	30,070			
Wild Horse	2018-11WH	Sep-19	W183	8,348			
Wild Horse	2018-12WH	Sep-19	W183	16,582			
Wild Horse	2018-11WH	Sep-19	W183	34,892			
Wild Horse	2018-08WH	Dec-19	W183	8,937			
Wild Horse	2018-09WH	Dec-19	W183	33,659			
Wild Horse	2018-10WH	Dec-19	W183	1,789			
Wild Horse	2019-01WH	Jan-20	W183	38,920			
Wild Horse	2019-02WH	Jan-20	W183	35,316			
Wild Horse	2019-03WH	Jan-20	W183	34,133			
Wild Horse	2019-04WH	Jan-20	W183	64,385			
Wild Horse	2019-05WH	Jan-20	W183	96			
Wild Horse	2019 - 07WH	Apr-20	W183	11,150			
Wild Horse	2019 - 07WH	Apr-20	W183	12,501			
Wild Horse	2019 - 09WH	Jan-21	W183	44,385			
Wild Horse	2019 - 10WH	Aug-20	W183	45,518			
Wild Horse	2019 - 11WH	Aug-20	W183	20,004			
Wild Horse	2020 - 02WH	Nov-20	W183	27,346			
Wild Horse	2020 - 02WH	Dec-20	W183	16,599			
Wild Horse	2020 - 03WH	Dec-20	W183	7,970			
Hopkins Ridge	2012-07HR	Nov-13	W184	22,170		181,289	2012 Vintage
Hopkins Ridge	2012-08HR	Nov-13	W184	23,942		166,117	2013 Vintage
Hopkins Ridge	2012-09HR	Nov-13	W184	17,681		423,662	2014 Vintage

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC	Total Qty	Total REC	
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues		Revenues	
Hopkins Ridge	2012-10HR	Nov-13	W184	32,566		109,781		2015 Vintage
Hopkins Ridge	2012-10HR	Nov-13	W184	833		190,560		2016 Vintage
Hopkins Ridge	2012-11HR	Nov-13	W184	25,218		74,400		2017 Vintage
Hopkins Ridge	2012-12-HR	Nov-13	W184	48,949		176,270		2018 Vintage
Hopkins Ridge	2012 - 07HR	Mar-21	W184	976		25,000		2019 Vintage
Hopkins Ridge	2012 - 08HR	Mar-21	W184	1,053				
Hopkins Ridge	2012 - 09HR	Mar-21	W184	778				
Hopkins Ridge	2012 - 10HR	Mar-21	W184	1,470				
Hopkins Ridge	2012 - 11HR	Mar-21	W184	1,109				
Hopkins Ridge	2012 - 12HR	Mar-21	W184	2,255				
Hopkins Ridge	2012 - 12HR	Mar-21	W184	2,289				
Hopkins Ridge	2013-07HR	Aug-14	W184	27,772				
Hopkins Ridge	2013-08HR	Aug-14	W184	7,228				
Hopkins Ridge	2013-08HR	Oct-14	W184	13,962				
Hopkins Ridge	2013-09HR	Oct-14	W184	33,769				
Hopkins Ridge	2013-10HR	Oct-14	W184	18,608				
Hopkins Ridge	2013-11HR	Oct-14	W184	30,236				
Hopkins Ridge	2013-12HR	Oct-14	W184	34,542				
Hopkins Ridge	2014-01HR	Oct-14	W184	28,019				
Hopkins Ridge	2014-02HR	Oct-14	W184	31,279				
Hopkins Ridge	2014-03HR	Oct-14	W184	49,384				
Hopkins Ridge	2014-04HR	Oct-14	W184	48,790				
Hopkins Ridge	2014-05HR	Oct-14	W184	42,826				
Hopkins Ridge	2014-06HR	Oct-14	W184	42,793				
Hopkins Ridge	2014-07HR	Oct-14	W184	17,305				
Hopkins Ridge	2014-07HR	Jan-15	W184	11,371				
Hopkins Ridge	2014-08HR	Oct-14	W184	5,970				
Hopkins Ridge	2014-08HR	Jan-15	W184	20,509				
Hopkins Ridge	2014-09HR	Apr-15	W184	25,682				
Hopkins Ridge	2014-10HR	Apr-15	W184	33,693				
Hopkins Ridge	2014-11HR	Apr-15	W184	41,204				
Hopkins Ridge	2014-12HR	Apr-15	W184	24,837				
Hopkins Ridge	2015-01HR	Apr-15	W184	13,037				
Hopkins Ridge	2015-02HR	Apr-15	W184	22,496				
Hopkins Ridge	2015-07HR	Mar-17	W184	33,651				
Hopkins Ridge	2015-08HR	Mar-17	W184	32,313				

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC	Total Qty	Total REC
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues		Revenues
Hopkins Ridge	2015-09HR	Mar-17	W184	8,284			
Hopkins Ridge	2016-07HR	Nov-17	W184	32,841			
Hopkins Ridge	2016-08HR	Nov-17	W184	23,440			
Hopkins Ridge	2016-09HR	Nov-17	W184	30,662			
Hopkins Ridge	2016-10HR	Nov-17	W184	35,770			
Hopkins Ridge	2016-11HR	Nov-17	W184	14,438			
Hopkins Ridge	2016-11HR	Feb-18	W184	20,940			
Hopkins Ridge	2016-12HR	Feb-18	W184	32,469			
Hopkins Ridge	2017-07HR	Oct-18	W184	25,526			
Hopkins Ridge	2017-08HR	Oct-18	W184	19,992			
Hopkins Ridge	2017-09HR	Oct-18	W184	22,694			
Hopkins Ridge	2017-10HR	Oct-18	W184	6,188			
Hopkins Ridge	2018 - 11HR	Jan-19	W184	36,121			
Hopkins Ridge	2018 - 12HR	Jan-19	W184	27,937			
Hopkins Ridge	2018 - 07HR	Feb-19	W184	24,033			
Hopkins Ridge	2018 - 08HR	Feb-19	W184	31,728			
Hopkins Ridge	2018 - 09HR	Feb-19	W184	6,557			
Hopkins Ridge	2018 - 09HR	Feb-19	W184	19,239			
Hopkins Ridge	2018 - 10HR	Feb-19	W184	19,634			
Hopkins Ridge	2018 - 01HR	Mar-19	W184	5,913			
Hopkins Ridge	2018-12HR	Sep-19	W184	5,108			
Hopkins Ridge	2019 - 07HR	Apr-20	W184	25,000			
Klondike III	2012 - 01K3	Mar-21	W231	8,493		127,913	2012 Vintage
Klondike III	2012 - 02K3	Mar-21	W232	9,117		68,465	2013 Vintage
Klondike III	2012 - 03K3	Mar-21	W233	11,842		133,571	2014 Vintage
Klondike III	2013 - 04K3	Mar-21	W234	10,428		60,697	2015 Vintage
Klondike III	2013 - 05K3	Mar-21	W235	14,213		62,849	2016 Vintage
Klondike III	2013 - 06K3	Mar-21	W236	15,556		57,197	2017 Vintage
Klondike III	2012-07K3	Oct-13	W237	16,041		57,609	2018 Vintage
Klondike III	2012-08K3	Oct-13	W237	14,164		87,499	2019 Vintage
Klondike III	2012-09K3	Oct-13	W237	9,214			
Klondike III	2012-10K3	Oct-13	W237	6,499			
Klondike III	2012-11K3	Oct-13	W237	4,082			
Klondike III	2012-11K3	Nov-13	W237	101			
Klondike III	2012-12K3	Nov-13	W237	3,641			
Klondike III	2012-12K3	Nov-13	W237	4,522			

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC	Total Qty	Total REC
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues		Revenues
Klondike III	2013-01K3	Mar-14	W237	4,000			
Klondike III	2013-07K3	Jul-14	W237	18,439			
Klondike III	2013-08K3	Jul-14	W237	12,249			
Klondike III	2013-09K3	Jul-14	W237	10,448			
Klondike III	2013-10K3	Jul-14	W237	5,856			
Klondike III	2013-11K3	Jul-14	W237	7,926			
Klondike III	2013-12K3	Jul-14	W237	9,547			
Klondike III	2014-01K3	Aug-14	W237	6,730			
Klondike III	2014-02K3	Aug-14	W237	8,102			
Klondike III	2014-03K3	Aug-14	W237	9,982			
Klondike III	2014-04K3	Aug-14	W237	10,186			
Klondike III	2014-04K3	Oct-14	W237	2,256			
Klondike III	2014-05K3	Oct-14	W237	2,957			
Klondike III	2014-05K3	Jan-15	W237	11,854			
Klondike III	2014-06K3	Jan-15	W237	13,146			
Klondike III	2014-06K3	Apr-15	W237	6,455			
Klondike III	2014-07K3	Oct-14	W237	14,575			
Klondike III	2014-08K3	Oct-14	W237	13,120			
Klondike III	2014-09K3	Apr-15	W237	10,070			
Klondike III	2014-10K3	Apr-15	W237	6,107			
Klondike III	2014-11K3	Apr-15	W237	10,298			
Klondike III	2014-12K3	Apr-15	W237	7,733			
Klondike III	2015-01K3	Jun-15	W237	3,410			
Klondike III	2015-02K3	Jun-15	W237	6,590			
Klondike III	2015-02K3	Aug-15	W237	1,516			
Klondike III	2015-03K3	Aug-15	W237	6,429			
Klondike III	2015-07K3	Feb-17	W237	17,267			
Klondike III	2015-08K3	Feb-17	W237	10,233			
Klondike III	2015-08K3	Mar-17	W237	4,674			
Klondike III	2015-09K3	Mar-17	W237	10,578			
Klondike III	2016-07K3	Nov-17	W237	17,398			
Klondike III	2016-08K3	Nov-17	W237	13,079			
Klondike III	2016-09K3	Nov-17	W237	12,312			
Klondike III	2016-10K3	Nov-17	W237	6,457			
Klondike III	2016-11K3	Nov-17	W237	5,775			
Klondike III	2016-12K3	Nov-17	W237	7,828			

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC	Total Qty	Total REC
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues		Revenues
Klondike III	2017-07K3	Jul-18	W237	17,830			
Klondike III	2017-08K3	Jul-18	W237	11,863			
Klondike III	2017-09K3	Jul-18	W237	7,147			
Klondike III	2017-10K3	Jul-18	W237	9,254			
Klondike III	2017-11K3	Jul-18	W237	6,026			
Klondike III	2017-12K3	Jul-18	W237	5,077			
Klondike III	2018 - 07K3	Jan-19	W237	14,947			
Klondike III	2018 - 08K3	Jan-19	W237	14,527			
Klondike III	2018 - 09K3	Jan-19	W237	10,066			
Klondike III	2018 - 10K3	Jan-19	W237	4,524			
Klondike III	2018 - 11K3	Jan-19	W237	6,974			
Klondike III	2018 - 12K3	Jan-19	W237	6,571			
Klondike III	2019 - 01K3	Jan-20	W237	4,116			
Klondike III	2019 - 02K3	Jan-20	W237	4,115			
Klondike III	2019 - 03K3	Jan-20	W237	3,860			
Klondike III	2019 - 04K3	Jan-20	W237	11,922			
Klondike III	2019 - 05K3	Jan-20	W237	607			
Klondike III	2019 - 05K3	Apr-20	W237	380			
Klondike III	2019 - 07K3	May-20	W237	17,815			
Klondike III	2019 - 08K3	May-20	W237	15,654			
Klondike III	2019 - 09K3	May-20	W237	11,594			
Klondike III	2019 - 10K3	May-20	W237	8,215			
Klondike III	2019 - 11K3	May-20	W237	5,420			
Klondike III	2019 - 12K3	May-20	W237	3,801			
Lower Snake River-Dodge Junction	2013-07DJ	Oct-14	W2669	32,666		201,751	2013 Vintage
Lower Snake River-Dodge Junction	2013-08DJ	Oct-14	W2669	26,144		230,247	2014 Vintage
Lower Snake River-Dodge Junction	2013-09DJ	Oct-14	W2669	43,424			
Lower Snake River-Dodge Junction	2013-10DJ	Oct-14	W2669	22,926			
Lower Snake River-Dodge Junction	2013-11DJ	Oct-14	W2669	37,127			
Lower Snake River-Dodge Junction	2013-12DJ	Oct-14	W2669	39,464			
Lower Snake River-Dodge Junction	2014-07DJ	Oct-14	W2669	38,161			
Lower Snake River-Dodge Junction	2014-08DJ	Oct-14	W2669	30,132			
Lower Snake River-Dodge Junction	2014-09DJ	Apr-15	W2669	34,897			
Lower Snake River-Dodge Junction	2014-10DJ	Apr-15	W2669	40,553			
Lower Snake River-Dodge Junction	2014-11DJ	Apr-15	W2669	50,548			
Lower Snake River-Dodge Junction	2014-12DJ	Apr-15	W2669	35,956			

PUGET SOUND ENERGY - 2021 RPS Report

Deferred REC Revenue Proceeds

REDACTED VERSION

A/C 25400221

Vintages 2012 through 2020

Facility	Transaction				REC	Total Qty	Total REC	
	Vintage	Mo/Yr	WREGIS #	Qty	Revenues		Revenues	
Lower Snake River-Phalen Gulch	2013-07PG	Oct-14	W2670	22,993		142,210		2013 Vintage
Lower Snake River-Phalen Gulch	2013-08PG	Oct-14	W2670	18,193		169,808		2014 Vintage
Lower Snake River-Phalen Gulch	2013-09PG	Oct-14	W2670	13,056		12,732		2015 Vintage
Lower Snake River-Phalen Gulch	2013-09PG	Oct-14	W2670	19,776				
Lower Snake River-Phalen Gulch	2013-10PG	Oct-14	W2670	16,782				
Lower Snake River-Phalen Gulch	2013-11PG	Oct-14	W2670	27,555				
Lower Snake River-Phalen Gulch	2013-12PG	Oct-14	W2670	23,855				
Lower Snake River-Phalen Gulch	2014-07PG	Oct-14	W2670	28,789				
Lower Snake River-Phalen Gulch	2014-08PG	Oct-14	W2670	21,948				
Lower Snake River-Phalen Gulch	2014-09PG	Apr-15	W2670	26,547				
Lower Snake River-Phalen Gulch	2014-10PG	Apr-15	W2670	30,269				
Lower Snake River-Phalen Gulch	2014-11PG	Apr-15	W2670	37,582				
Lower Snake River-Phalen Gulch	2014-12PG	Apr-15	W2670	24,673				
Lower Snake River-Phalen Gulch	2015-01PG	Apr-15	W2670	12,732				
GRAND TOTAL				4,981,871	10,342,958	-	10,342,958	

Deadline: June 1, 2021

Submission: Email this workbook and all supporting documentation to EIA@commerce.wa.gov

Questions: Glenn Blackmon, State Energy Office, (360) 339-5619, glenn.blackmon@commerce.wa.gov

Enter information in green-shaded fields.

Do not modify blue-shaded fields.

RCW 19.285.070

Reporting and public disclosure.

(1) On or before June 1, 2012, and annually thereafter, each qualifying utility shall report to the department on its progress in the preceding year in meeting the targets established in RCW 19.285.040, including expected electricity savings from the biennial conservation target, expenditures on conservation, actual electricity savings results, the utility's annual load for the prior two years, the amount of megawatt-hours needed to meet the annual renewable energy target, the amount of megawatt-hours of each type of eligible renewable resource acquired, the type and amount of renewable energy credits acquired, and the percent of its total annual retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of renewable energy credits. For each year that a qualifying utility elects to demonstrate alternative compliance under RCW 19.285.040(2) (d) or (i) or 19.285.050(1), it must include in its annual report relevant data to demonstrate that it met the criteria in that section. A qualifying utility may submit its report to the department in conjunction with its annual obligations in chapter 19.29A RCW.

(2) A qualifying utility that is an investor-owned utility shall also report all information required in subsection (1) of this section to the commission, and all other qualifying utilities shall also make all information required in subsection (1) of this section available to the auditor.

(3) A qualifying utility shall also make reports required in this section available to its customers.

WAC 194-37-060

Conservation reporting requirements.

<Conservation targets and achievement are reported in a separate worksheet.>

WAC 194-37-110

Renewable resource energy reporting.

Each utility must submit a renewable resource energy report to the department by June 1st of each year using a form provided by the department. The report must reflect the actions that the utility took by the previous January 1st to meet the renewable requirements of chapter [19.285](#) RCW for that year. For example, a utility must report by June 1, 2015, the actions it took by January 1, 2015, to meet requirements applicable to the 2015 target year.

(1) **Reporting requirements applicable to all utilities.** Each utility must report the following information:

(a) The compliance method:

(i) Renewable energy target using renewable resources and RECs – RCW [19.285.040](#) (2)(a);

(ii) Incremental cost – RCW [19.285.050](#); or

RENEWABLE ENERGY WORKSHEET – REVISIONS TO 2019 REPORT

In addition to submitting the 2021 report, each qualifying utility should review the renewable energy report it submitted in 2019. In many cases, the specific resources and quantities actually used to comply with the 2019 target differ from what the utility reported in June 2019. Utilities should submit a revised 2019 report if the actual values differ from the values reported in 2019.

WAC 194-37-110(4): Final compliance report. A utility must submit a final renewable compliance report by the later of (a) two years after the filing of the report required in subsections (1) through (3) of this section; or (b) ninety days after the issuance of the auditor's report for the target year. The final renewable compliance report must provide an update of any revisions to the information previously reported pursuant to this section or, if no revisions were made, notify the department that the initial report should be considered the final report.

Please use the 2019 template and mark it as "revised." Contact Commerce to obtain a copy of the 2019 reporting template if necessary.

#NAME?

Energy Independence Act (EIA) Renewable Energy Report 2021

Utility	Puget Sound Energy
Report Date	June 1, 2021
Utility Contact Name/Dept	Chris Schaefer
Phone	425-456-2932
Email	chris.schaefer@pse.com

Loads and Resources	
2019 Annual Load (MWh)	20,833,230
2020 Annual Load (MWh)	20,088,222
Average of 2019 & 2020 Annual Loads (MWh)	20,460,726
2021 Renewable Target (% of load)	15%
2021 Eligible Renewable Energy Target (MWh)	3,069,109
2021 Eligible Renewable Resources and RECs	3,069,109

2021 Compliance Method:

- RPS Target [RCW 19.285.040(2)(a)]
- Resource Cost [RCW 19.285.050]
- No Load Growth [RCW 19.285.040(2)(d)]

Expenditures on Renewable Resources and RECs - 2021	
Amount invested in incremental cost of eligible renewable resources and the cost of RECs	\$72,244,150
Total annual retail revenue requirement - 2021	\$2,041,738,099
Investment in renewables and RECs as a percent of retail revenue requirement	3.54%

	Water	Wind	Solar	Geothermal	Landfill Gas	Wave, Ocean, Tidal	Gas from Sewage Treatment	Biodiesel	Biomass (including incremental)	Qualified Biomass (pre-1999)	Apprentice Labor Credit	Distributed Generation Credit
Eligible Renewable Resources (MWh)	118,380	-	-	-	-	-	-	-	-	-	-	-
Renewable Energy Credits	-	2,593,729	-	-	-	-	-	-	120,421	-	236,579	-
Total Renewables (MWh+RECs)	118,380	2,593,729	-	-	-	-	-	-	120,421	-	236,579	-

2021 Reporting Year:

This renewable energy report summarizes the eligible renewables resources and renewable energy credits (RECs) that the utility has acquired by January 1, 2021 for the purpose of meeting its Energy Independence Act (EIA) renewables target for 2021. The actual resources and RECs used to comply with the 2021 EIA target may vary from those reported here. Utilities will report in June of 2022 on the actual results for 2021.

Compliance Methods:

The EIA provides three compliance methods for utilities:

- Meet the renewable energy target using any combination of renewable resources and RECs. The target for 2021 is 15% of the utility's load.
- Invest at least 4% of the utility's annual revenue requirement in the incremental cost of renewable resources and RECs.
- Invest at least 1% of its annual revenue requirement in renewable resources and RECs. This option is available only to certain utilities that are not growing.

All utilities must report the renewable resources and RECs acquired for the 2021 target year. Utilities that elect to use a compliance method based on renewable investments must provide additional information demonstrating compliance with that method. Refer to WAC 194-37-110(2) and (3) for specific requirements.

NOTE: This is a general explanation of the renewable energy requirements of the Energy Independence Act, intended to help members of the public understand the information reported by the utility. Consult Chapter 19.285 RCW and Chapter 194-37 WAC for details.

Energy Independence Act (EIA) Incremental Cost and REC Cost Report 2021

Incremental Cost of Renewable Resources

Utility	Puget Sound Energy
Compliance Year	2021

Facility Name	WREGIS ID	MWh	Renewable Resource Annual Cost in 2020	Renewable Resource Cost per MWh	Description of Substitute Resource	Substitute Resource Annual Cost in 2020	Substitute Resource Cost per MWh	Incremental Cost of Renewable Resource in 2020
Baker River Project - Lower Baker Unit 3	W4865	109,500	\$8,600,000	\$ 78.54	Long Term PPA	\$9,290,000	\$ 84.84	-\$690,000
Snoqualmie Falls - Snoqualmie Falls Units 1-4	W4866	34,164	\$3,850,000	\$ 112.69	Long Term PPA	\$3,180,000	\$ 93.08	\$670,000
Wild Horse - Wild Horse	W183	642,984	\$34,940,000	\$ 54.34	Peaker + LT Mkt Purchase	\$29,740,000	\$ 46.25	\$5,200,000
Hopkins Ridge - Hopkins Ridge	W184	466,908	\$18,770,000	\$ 40.20	Peaker + LT Mkt Purchase	\$20,970,000	\$ 44.91	-\$2,200,000
Wild Horse - Wild Horse - Phase II	W1364	91,980	\$10,030,000	\$ 109.05	Peaker + LT Mkt Purchase	\$5,900,000	\$ 64.14	\$4,130,000
Hopkins Ridge - Hopkins Ridge Phase II	W1382	21,024	\$1,280,000	\$ 60.88	Peaker + LT Mkt Purchase	\$1,360,000	\$ 64.69	-\$80,000
Lower Snake River - Dodge Junction - LSR-Dodge Junction	W2669	500,172	\$39,330,000	\$ 78.63	Peaker + LT Mkt Purchase	\$27,960,000	\$ 55.90	\$11,370,000
Lower Snake River - Phalen Gulch - LSR-Phalen Gulch	W2670	397,728	\$31,280,000	\$ 78.65	Peaker + LT Mkt Purchase	\$22,230,000	\$ 55.89	\$9,050,000
Klondike III - Klondike Wind Power III LLC	W237	157,680	\$10,270,000	\$ 65.13	Peaker + LT Mkt Purchase	\$9,910,000	\$ 62.85	\$360,000
Sierra Pacific Industries	W1491	126,582	\$6,770,000	\$ 53.48	Peaker + LT Mkt Purchase	\$4,780,000	\$ 37.76	\$1,990,000
								\$0
								\$0
								\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
Totals		2,548,722	\$165,120,000			\$135,320,000		\$29,800,000



Department of Commerce

Innovation is in our nature.

January 22, 2013

Energy Independence Act (EIA) **Advisory Opinion**

F.H. Stoltze Land & Lumber Co.
Chuck Roady
P.O. Box 1429
Columbia Falls, MT 59912
croady@stoltzelumber.com

RE: Stoltze Biomass Combined Heat & Power Facility (Flathead County, Montana)

Mr. Roady:

F.H. Stoltze Land & Lumber Co. requested an advisory opinion, pursuant to RCW 19.285.045, as to whether the Stoltze Biomass Combined Heat & Power Facility (the "Facility") would qualify as an "eligible renewable resource" under RCW 19.285.040(2)(a) and whether the Facility would qualify as "distributed generation" under RCW 19.285.040(2)(b). The opinion that follows is limited to the Facility described in the application and Stoltze's response to requests for additional documentation.

Commerce received the application on November 5, 2012 and determined the need for more detail. Stoltze supplemented its application and on December 4, 2012, Commerce confirmed the application was sufficient and initiated the 90-day review period provided for in RCW 19.285.045(2). No comments were received from interested parties during the 30-day public comment period ending January 4, 2012. The attorney general completed legal review on January 14, 2013. Commerce consulted with Washington Utilities and Transportation Commission (UTC) staff in review of the application; however, this does not represent an advisory opinion of the UTC.

Advisory Opinion

Based on the information in the application and Stoltze's subsequent response to information requests, it is the opinion of Commerce that:

1. Electricity generated by the Facility qualifies as an eligible renewable resource for the purposes of RCW 19.285.040(2)(a), so long as, and to the extent that, the Facility is fueled by biomass energy that meets the definition in RCW 19.285.030(3).
2. The eligible renewal resource qualifies as distributed generation for the purposes of RCW 19.285.040(2)(b).

Analysis and Consultation

The application states that the Facility is a 2.5 MW combined heat and power facility located in Columbia Falls, Montana and that the Facility will use biomass energy to generate electricity. The biomass feedstock will be sawmill byproducts.

Qualification as an Eligible Renewable Resource

The Facility qualifies as an eligible renewable resource based on the following representations:

1. The Facility is located in Flathead County, Montana, which is in the Pacific Northwest. RCW 19.285.030(11)(a)(i).
2. The Facility's feedstock of sawmill byproducts consists of "organic by-products of pulping and the wood manufacturing process" which qualify as biomass energy. RCW 19.285.030(3)(a).
3. The Facility's feedstock will not include material excluded from the definition of biomass energy, such as: (i) wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenic; (ii) wood from old growth forests; or (iii) municipal solid waste. RCW 19.285.030(3)(b).

This conclusion is based and conditioned on the applicant's representation that the Facility will be fueled exclusively by biomass energy and will not use any of the materials listed in RCW 19.285.030(3)(b).

Qualification as Distributed Generation

The Facility qualifies as distributed generation for purposes of RCW 19.285.040(2)(b) based on the following representations:

1. The Facility is an eligible renewable resource.
2. The electrical capacity of the Facility is 2.5 MW, which is less than 5 MW. RCW 19.285.030(10).
3. The Facility is not part of an integrated cluster of generating facilities with an aggregate capacity of more than 5 MW. RCW 19.285.030(10).

An additional necessary condition is that a Washington utility owns or has contracted for the generation and the associated renewable energy credits of the Facility or has contracted to purchase the associated renewable energy credits.

If Stoltze sells renewable energy credits from its biomass project to a Washington State investor owned utility (IOU), the UTC shall determine what documentation is required to support the IOU's claims for eligibility, and may conduct its own additional analysis. If the circumstances of RCW 34.05.240 are met, Stoltze may petition the UTC for a declaratory order determining whether the project is an eligible renewable resource.

Relevant Sections of the Energy Independence Act

RCW 19.285.030

(3)(a) "Biomass energy" includes: (i) Organic by-products of pulping and the wood manufacturing process; (ii) animal manure; (iii) solid organic fuels from wood; (iv) forest or field residues; (v) untreated wooden demolition or construction debris; (vi) food waste and food processing residuals; (vii) liquors derived from algae; (viii) dedicated energy crops; and (ix) yard waste.

(3)(b) "Biomass energy" does not include: (i) Wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenic; (ii) wood from old growth forests; or (iii) municipal solid waste.

(10) "Distributed generation" means an eligible renewable resource where the generating facility or any integrated cluster of such facilities has a generating capacity of not more than five megawatts.

(11) "Eligible renewable resource" means: (a) Electricity from a generation facility powered by a renewable resource other than freshwater that commences operation after March 31, 1999, where: (i) The facility is located in the Pacific Northwest; or (ii) the electricity from the facility is delivered into Washington state on a real-time basis without shaping, storage, or integration services; (b) Incremental electricity produced as a result of efficiency improvements completed after March 31, 1999, to hydroelectric generation projects owned by a qualifying utility and located in the Pacific Northwest or to hydroelectric generation in irrigation pipes and canals located in the Pacific Northwest, where the additional generation in either case does not result in new water diversions or impoundments; and (c) Qualified biomass energy.

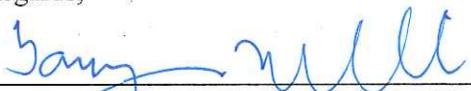
(20) "Renewable resource" means: (a) Water; (b) wind; (c) solar energy; (d) geothermal energy; (e) landfill gas; (f) wave, ocean, or tidal power; (g) gas from sewage treatment facilities; (h) biodiesel fuel as defined in RCW 82.29A.135 that is not derived from crops raised on land cleared from old growth or first-growth forests where the clearing occurred after December 7, 2006; or (i) biomass energy.

RCW 19.285.040

(2)(b) A qualifying utility may count distributed generation at double the facility's electrical output if the utility: (i) Owns or has contracted for the distributed generation and the associated renewable energy credits; or (ii) has contracted to purchase the associated renewable energy credits.

If you have questions, please contact Meg O'Leary at meg.oleary@commerce.wa.gov or (360) 725-3121.

Regards,



Tony Usibelli, Director, State Energy Office
WASHINGTON STATE DEPARTMENT OF COMMERCE

Blackmon, Glenn (COM)

From: Blackmon, Glenn (COM)
Sent: Tuesday, December 17, 2013 4:46 PM
To: Usibelli, Tony (COM)
Cc: O'Leary, Meg (COM)
Subject: RE: Stoltze Lumber - addition of WA-eligible indicator

<corrected to say the plant is in Montana>

On January 22, 2013 Commerce issued an [advisory opinion](#) that the Stoltze Lumber biomass generating facility in Montana was an eligible renewable resource under the Washington Energy Independence Act.

At that time, Stoltze Lumber has not registered the project as a generating unit in WREGIS, and Commerce was not yet designating projects as Washington-eligible in its role as state administrator for WREGIS.

The Stoltze project is now registered in WREGIS, and I added the Washington indicator to its record in WREGIS. As a result, RECs created from this project will now carry the Washington-eligible tag. The basis for this designation is the original opinion from January. Stoltze did not submit a new application and was not required to pay an additional advisory opinion fee.

Glenn Blackmon
WA Department of Commerce – State Energy Office
Olympia, WA
360 725-3115



APPLICATION | Energy Independence Act (EIA) Advisory Opinion

What is the EIA advisory opinion process? Through this process, Commerce helps determine whether an electric generation project or conservation resource proposed by consumer-owned utilities or individuals qualifies to meet a target under RCW 19.285.040. The final decision regarding whether to adopt the advisory opinion on the eligibility of a project or resource for a qualifying utility is made by the utility's governing board. Investor-owned utilities seeking a formal opinion can petition the Washington Utilities and Transportation Commission (UTC) for a declaratory order. For more details, refer to Senate Bill 6414 and Energy Independence Act Chapter 19.285 RCW.

How long does it take? What will it cost? The 90-day process begins when Commerce receives a completed application. Basic inquiries: Onetime \$1,250 application fee (checks payable to Department of Commerce) covers basic technical and legal consulting services required by the statute and typically results in a signed advisory opinion issued within 90 days of receipt of complete application. Inquiries requiring additional consultation: Onetime \$1,250 application fee plus a variable fee (\$62.50 per hour for Commerce review plus any additional consultant fees) will be charged for applications requiring additional analysis. Commerce will provide a cost estimate. The signed advisory opinion is typically issued within 90 days of receipt of complete application. Commerce will notify applicant if opinion process is anticipated to take more than 90 days and will provide a time estimate for completion.

How do I apply? Applications are accepted on a rolling basis beginning June 7, 2012. Complete this form and include any supporting documentation that will help us understand your proposed project or resource. Obtain a director-level signature and email to EIA@commerce.wa.gov. Direct questions to EIA@commerce.wa.gov.

EIA ADVISORY OPINION APPLICATION FORM - 2012
Table with 2 columns: Field Name, Value. Fields include Application date (October 26, 2012), Project / Activity Name (Stoltze Biomass Combined Heat & Power Facility), Does your inquiry refer to conservation or renewables? (Renewables), Cite specific WAC and RCW related to your inquiry (RCW 19.285.030, Definitions (3), (10), (11) etc.), Organization / Entity Name (F.H. Stoltze Land & Lumber Co.), Contact Name (Chuck Roady), Phone (406-892-7000), Email (croady@stoltzelumber.com), Mailing Address (P.O. Box 1429 Columbia Falls, MT 59912).



Department of Commerce

Innovation is in our nature.

If your inquiry relates to **Renewables**, complete this section.

Facility County:	Flathead
Facility State:	Montana
Utility to which Facility is interconnected:	Flathead Electric Cooperative
Balancing authority or reporting entity:	Bonneville Power Administration
Date Facility Commenced Operation:	Expected COD 10/1/13
Generator Technology:	Steam turbine-generator
Nameplate Capacity:	2.5MW
Multi-Fuel Generator? (Yes / No)	No
Eligible Renewable Resource Fuel Type:	Biomass
Other Fuels, if applicable:	N/A
Customer Sited Distributed Generation? (Yes / No)	Yes

Describe your question. Provide sufficient detail to ensure an efficient and comprehensive analysis. Add lines or attach supporting documents as necessary. Stoltze Land & Lumber is constructing a 2.5MW nameplate biomass-fueled combined heat & power facility at its sawmill in Columbia Falls, MT, with the entire output sold to Flathead Electric Cooperative(FEC), a BPA customer. Through its agreement with FEC, Stoltze is able to sell the Renewable Energy Credits (REC's) into Washington state as Distributed Generation, allowing the credits to be doubled by the purchasing utility when used for Renewable Energy Standard (RES) compliance. The fuel for the facility is mill byproducts from the sawmill.

Stoltze wishes to have a verification done that the following are all true with respect to its facility:

1. The facility is located in the Pacific Northwest
2. The fuel used allows the facility to be an eligible renewable resource
3. The size of the facility is such that its output qualifies as Distributed Generation
4. The REC's sold from the facility would qualify for doubling when used for RES compliance by a Washington utility

The purpose of this inquiry is to obtain an EIA Advisory Opinion that can be supplied to utilities which may be considering the purchase of REC's from the facility.

What is your interpretation based on the Energy Independence Act? If you believe your project or resource qualifies to meet a target under RCW 19.285.040, explain why.

The Stoltze project is of a size (2.5MW), location (Flathead County, MT), and fuel (biomass from mill byproducts) that allow the project to be an Eligible Renewable Resource and the REC's produced from the facility to count as Distributed Generation when used for compliance with the EIA by a Washington utility.



Department of Commerce

Innovation is in our nature.

Include any other relevant project information necessary to support our efficient analysis.

N/A

I certify that the information provided on this application is accurate and I have the appropriate signature authority to initiate the EIA advisory opinion process on behalf of my organization.

Charles W. Roady for: F.H. Stolte LUMBER Co.

Print your name here

Charles W. Roady Vice President

Sign here



F.H. STOLTZE LAND & LUMBER COMPANY

Lumber Manufacturers

Box 1429 Columbia Falls, MT 59912
Phone (406) 892-7005 Fax (406) 892-1612
www.stoltzelumber.com

December 18, 2012

Meg O'Leary and Chuck Murray
State Energy Office
Washington Department of Commerce
1011 Plum St SE
PO Box 42525
Olympia, WA 98504-2525



Dear Ms. O'Leary and Mr. Murray,

Please consider the following as response to your inquiry to confirm the fuel source for the F.H. Stoltze Land & Lumber Co. biomass fired CHP plant is compliant with RCW 19.285.030 renewable resource and qualified biomass definitions:

Bark, sawdust, shavings and wood chips (mill residuals) that are produced in the processing of raw logs into lumber at our Stoltze facility, will be the primary biomass fuel supply. Procurement of sawlogs to supply the Stoltze sawmill is certified to the Sustainable Forestry Initiative® (SFI®) Fiber Sourcing Standards 2010-2014. The SFI program has 14 principles designed to achieve sustainable forestry. Detailed procurement records are maintained as is additional documentation sufficient to meet the rigors of third party certification through SFI. Any additional fuel over and above the mill residuals will be procured under the SFI Fiber Sourcing process already in place for sawlog procurement. Please note, we will not utilize any fuel from wood treated with chemicals or preservatives and/or municipal waste.

Historically, +/- 60% of the sawlogs for the Stoltze mill are sourced from private lands. +/-30% is sourced from US Forest Service and an additional +/-10% from State of Montana Trust lands. In 2011, we purchased a significant percentage of our total sawlog volume from forest land third party certified as sustainable through either the American Tree Farm System (ATFS) or SFI. This includes roughly 20% sourced from Stoltze company lands which are certified through ATFS.

The Stoltze SFI certified procurement system includes specific and documented measures to ensure contractors and landowners receive information on management of Forests of Exceptional Conservation Value (FECV's), forests which could include forest stands with old growth characteristics. Old growth forests are neither defined nor identified on private lands in Montana. Between wide spread stand replacing fire activity in 1910 and 1929 and widespread forest management over the last 100 years, private lands within our sourcing area are generally second growth, younger stands exhibiting few if any old growth characteristics. USFS and



Member Since 1966



Charter Member

Montana State Trust Lands are specifically managed with objectives to conserve and promote old growth stand characteristics across their landscapes.

Stoltze supports and promotes sustainable forest management on all lands and is committed to responsible fiber sourcing practices through a process of using certified logging professionals, BMP training programs, and educational outreach to landowners and wood suppliers on critical wildlife habitat, threatened and endangered species, FECV's and the importance of biodiversity across the landscape.

Please do not hesitate to contact me with additional questions or request for information.

Sincerely,

A handwritten signature in blue ink that reads "Chuck W. Roady". The signature is fluid and cursive, with the first name "Chuck" being the most prominent.

Chuck Roady
Vice President and General Manager



STATE OF WASHINGTON
DEPARTMENT OF COMMERCE
1011 Plum Street SE • PO Box 42525 • Olympia, Washington 98504-2525 • (360) 725-4000
www.commerce.wa.gov

August 15, 2013

Robert Buchan
Cosmo Specialty Fibers, Inc.
PO Box 539
Cosmopolis WA 98537

Energy Independence Act (EIA) Advisory Opinion

RE: Application 2013-008 Cosmo Specialty Fibers Cogeneration

Dear Mr. Buchan:

Cosmo Specialty Fibers, Inc. submitted an application for an advisory opinion pursuant to RCW 19.285.045, which allows a person proposing a renewable resource to obtain an advisory opinion on whether the resource qualifies to meet a target under RCW 19.285.040. Cosmo has asked if the Cosmo Specialty Fibers Cogeneration facility (the "Facility") qualifies as an eligible renewable resource.

Cosmo submitted the application on July 8, 2013, and at the request of Commerce, provided supplemental information on July 15, 2013. On July 16, 2013, Commerce determined that the application was complete and initiated the 90-day review. No comments were received during the 30-day public comment period ending August 15, 2013.

The attorney general representing Commerce completed legal review on August 13, 2013.

Advisory Opinion

Based on the information in the application, it is the opinion of Commerce that electricity generated by the Facility qualifies as an eligible renewable resource for the purposes of RCW 19.285.040(2)(a), to the extent that the Facility is fueled by biomass energy that meets the definition in RCW 19.285.030(3). The Facility is a multi-fuel generator, and its electricity output is not an eligible renewable resource to the extent that it is fueled by diesel or other ineligible fuel sources.

Analysis and Consultation

The Facility is a 17.2 MW steam turbine-generator facility located in Grays Harbor County, Washington. It uses biomass energy to generate electricity. Feedstocks include wood waste and organic by-products of pulping.

The Facility uses recycled diesel fuel in its operations. RCW 19.285.040(2)(g) permits a generating facility to use a combination of fossil and combustible renewable resources and to count a percentage of the electricity output in direct proportion to the percentage of the total heat value represented by the heat value of the renewable resources. The Facility is registered in the Western Renewable Energy Generation Information System (WREGIS) as a multi-fuel facility, and Cosmo documents its output based on eligible and ineligible fuel sources. Cosmo submitted records demonstrating that the use of fossil fuels is accounted for in the creation of renewable energy credits by WREGIS.

A second potential issue for Cosmo's application is the date of commercial operation of the Facility. RCW 19.285.030(11)(a) defines an eligible renewable resource as a "generation facility powered by a renewable resource other than freshwater that commences operation after March 31, 1999." The mill at the Cosmo Specialty Fibers site operated prior to 1999. However, the mill did not operate between 2006 and 2011, and the application includes information showing that Cosmo made extensive upgrades and replacements to the boilers, turbines and other components of the generating facility before starting commercial operation in 2011. This repowering of the generating facility should be used in determining the date at which it commenced operation.

Qualification as an Eligible Renewable Resource

The Facility qualifies as an eligible renewable resource based on the following representations:

1. The Facility is located in Grays Harbor County, Washington, which is in the Pacific Northwest. RCW 19.285.030(11)(a)(i).
2. The Facility commenced operation after March 31, 1999. RCW 19.285.030(11)(a).
3. The Facility's feedstocks consist of organic by-products of pulping and the wood manufacturing process, which is defined as biomass energy. RCW 19.285.030(3)(a).
4. The Facility's feedstocks will not include material excluded from the definition of biomass energy, such as: (i) wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenic; (ii) wood from old growth forests; or (iii) municipal solid waste. RCW 19.285.030(3)(b).
5. The Facility documents its use of renewable and fossil feedstocks through WREGIS and receives renewable energy credits in direct proportion to the percentage of the total heat value represented by the heat value of the renewable resources. RCW 19.285.040(2)(g).

Designation in WREGIS

As the Washington program administrator for WREGIS, Commerce will designate the Cosmo Specialty Fibers Cogeneration project (WREGIS generating unit IDs W2233 and W2242) as an eligible renewable facility in WREGIS.

Robert Buchan

Cosmo Specialty Fibers, Inc.

Application 2013-008 Cosmo Specialty Fibers Cogeneration

Page 3 of 4

Consultation

In reviewing this application, Commerce consulted with the staff of the Washington Utilities and Transportation Commission (UTC). The opinion expressed here is solely that of Commerce, as provided by RCW 19.285.045. Entities proposing to sell renewable energy or credits to an investor-owned utility may petition for a declaratory order from the UTC.

If you have questions regarding this advisory opinion, please contact Glenn Blackmon at glenn.blackmon@commerce.wa.gov or (360) 725-3115.

Regards,



Tony Usibelli
Director, State Energy Office

WREGIS Certification			
It is the opinion of the Washington Department of Commerce that the facility identified in this application meets the statutory legal standard for an eligible renewable resource as defined in RCW 19.285.030, based on the factors set out below. The facility will be designated in WREGIS as an eligible renewable resource under the Washington Energy Independence Act:			
<input checked="" type="checkbox"/>	The fuel source for the facility is identified in RCW 19.285.030 as renewable energy:		
<input type="checkbox"/>	Wind	<input type="checkbox"/>	Wave, ocean, or tidal power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Gas from sewage treatment facilities
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Biodiesel fuel as defined in RCW 82.29A.135 that is not derived from crops raised on land cleared from old growth or first-growth forests where the clearing occurred after December 7, 2006
<input type="checkbox"/>	Landfill gas	<input checked="" type="checkbox"/>	Biomass energy
<input checked="" type="checkbox"/>	The facility commenced operation after March 31, 1999, as required by RCW 19.285.030.		
<input checked="" type="checkbox"/>	The facility is located in the Pacific Northwest, or the electricity from the facility is delivered into Washington state on a real-time basis without shaping, storage, or integration services, as required by RCW 19.285.030.		
Washington Certification Number: WA2013-008			
WASHINGTON DEPARTMENT OF COMMERCE			
 _____ Director or Designee		8/15/13 _____ Date	



Department of Commerce

Innovation is in our nature.

commerce.wa.gov/wregis

Washington State

Energy Independence Act

Application for Advisory Opinion and
Renewable Energy Facility (WREGIS)
Certification

All information provided in this application or any supplemental or additional materials is subject to public disclosure.

FACILITY NAME: **Nine Canyon Wind Project**
WREGIS Generating Unit ID: **684**

A separate Washington application is required for each generating unit with a separate WREGIS GU ID. Applicant must select Washington in WREGIS generating unit registration.

Section 1: Agency Action Requested

Advisory Opinion and WREGIS Certification Advisory Opinion Only

Section 2: Applicant Information

Applicant Contact: **Jennifer Knighten**

Title: **Project Specialist**

Applicant Phone: **509-585-3677**

Applicant E-mail: **jlknighen@energy-northwest.com**

Applicant Company Name: **Energy Northwest**

Company Address: **POB 968 MD 1030**

City: **Richland**

State/Province: **WA**

Zip Code: **99352**

Country: **USA**

Section 3: Facility Information

Facility Owner

Name of Facility Owner:

OR The Facility Owner is the same as the Applicant.

Address: **POB 968 MD 1030**

City/State/ZIP: **Richland, Wa 99352**

Contact Name, Phone, and Email: **Jennifer Knighten, 509-585-3677, jlknighen@energy-northwest.com**

Facility Identification and Location

Unit Name: **Nine Canyon Wind Project**

Facility Name: **Nine Canyon Wind Project**

Unit location (street address, legal description, or GPS coordinates):

92308 S. Nine Canyon Rd.

City: **Kennewick**

County: **Benton County**

State/Province: **WA**

Zip: **99337**

Country: **USA**

Provide a description of the facility.

Nine Canyon Wind Project consists of 49 Siemens 1.3 MW wind turbines, for a combined capacity of 63.7 MW. Nine Canyon Wind Project is owned and operated by Energy Northwest, a joint operating agency in the State of Washington.

Facility Identification Numbers

WREGIS Generating Unit ID: **684**

WA2014-005 Nine Canyon Wind ~~Other~~ External ID:

EIA Utility Code:

EIA Plant Code: **7936**

Section 4: Facility Eligibility

A. Facility Profile

Nameplate Capacity (MW): **63.7**

If this value will change, please explain: **n/a**

Commercial Operation Date (COD): **9 / 1 / 2002**

Is your facility considered repowered by WREGIS? Yes No

If yes, please explain:

B. Facility Fuel

Indicate each energy source used by the facility. For definitions, refer to RCW 19.285.030. For multi-fuel generating facilities indicate all fuels used.

<input checked="" type="checkbox"/>	Wind	<input type="checkbox"/>	Wave power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Ocean power
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Tidal power
<input type="checkbox"/>	Landfill gas	<input type="checkbox"/>	Gas from sewage treatment facility
<input type="checkbox"/>	Biomass energy (must complete Section 5)	<input type="checkbox"/>	Biodiesel fuel (must complete Section 6)
<input type="checkbox"/>	Other (please specify):		

Will the facility use any fossil fuel or other non-qualifying fuel? Yes No

- Type of fossil fuel or other non-qualifying fuel:
- Average annual amount of non-qualifying fuel used (percent of net heat input):

Section 5: Biomass Energy Supplement (complete only if "biomass energy" is checked in Section 4)

Allowed Fuel Sources. Indicate each source of biomass energy used by the facility.

<input type="checkbox"/>	Organic by-products of pulping and the wood manufacturing process	<input type="checkbox"/>	Food waste and food processing residuals
<input type="checkbox"/>	Animal manure	<input type="checkbox"/>	Liquors derived from algae
<input type="checkbox"/>	Solid organic fuels from wood	<input type="checkbox"/>	Dedicated energy crops
<input type="checkbox"/>	Forest or field residues	<input type="checkbox"/>	Yard waste
<input type="checkbox"/>	Untreated wooden demolition or construction debris		

Prohibited Fuel Sources. The following materials will NOT be used as a source of biomass energy by the facility.

<input type="checkbox"/>	Wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenic	<input type="checkbox"/>	Wood from old growth forests
		<input type="checkbox"/>	Municipal solid waste

Legacy Biomass. The Washington Energy Independence Act allows a biomass energy facility commencing operation before March 31, 1999 to qualify as an eligible renewable resource in certain circumstances. Contact Commerce to obtain application requirements.

Section 6: Biodiesel Fuel Supplement (complete only if "biodiesel fuel" is checked in Section 4)

The biodiesel fuel used by the facility meets each of the identified conditions:

- | | |
|--------------------------|---|
| <input type="checkbox"/> | The fuel (a) is a mono alkyl ester of long chain fatty acids derived from vegetable oils or animal fats for use in compression-ignition engines and (b) meets the requirements of the American society of testing and materials specification D 6751 in effect as of January 1, 2003. |
| <input type="checkbox"/> | The fuel is NOT from crops raised on land cleared from old growth or first-growth forests where the clearing occurred after December 7, 2006 |

Section 7: Eligibility for Washington Multipliers (Optional)

The facility qualifies for the following multipliers under the Washington Energy Independence Act:

- | | |
|--------------------------|--|
| <input type="checkbox"/> | Distributed Generation. The facility has a generating capacity of 5 MW or less and is not part of any integrated cluster of facilities with an aggregate generating capacity of 5 MW or more. |
| <input type="checkbox"/> | Apprentice Labor. The facility commenced operation after December 31, 2005 and in construction used an apprenticeship program approved by the Washington State Apprenticeship and Training Council. |

NOTE: Commerce requests optional multiplier eligibility from facility owners for informational purposes only. Owners seeking certification of a facility as eligible for a multiplier should contact Commerce for application requirements.

Section 8: Reservation

The Washington Department of Commerce makes a determination of resource eligibility under the Washington Energy Independence Act based on the information provided by the applicant and does not independently verify that information. An applicant must promptly notify Commerce of any changes to the information submitted for certification that may affect the facility's eligibility. Commerce reserves the right to modify or withdraw a designation if it determines that the information supplied by the applicant was incomplete or inaccurate.

Section 9: Attestation

I declare that the information provided in this application and any supplemental forms and attachments are true and correct to the best of my knowledge, that the information contained in this submission is consistent with information on file with WREGIS unless otherwise indicated, that no information materially affecting the facility's eligibility has been withheld, and that I am authorized to file this submission on the facility owner's behalf.

Signature: 

Date Signed: 4/15/2014

Authorized Officer/Agent: **Matt Weyh**

Officer Title and Company: **Project Supervisor, Energy Northwest**

Name of Facility: **Nine Canyon Wind Project**

Application Checklist for Submission WA2014-005 Nine Canyon Wind Project

Applicants must select the Washington program administrator in the generating unit's WREGIS static data.

Applicants should ensure that the following documents are provided:

1. Electronic copy of general RPS application, including a signed attestation page.
2. WREGIS "static data." A printout of your generator account profile screen in WREGIS.
3. Optional project background documentation. Background documentation can be submitted or published in regulatory settings (FERC or state commission filings) or informal forums (websites, articles or factsheets).
4. Payment of advisory opinion fee of \$1,250. A separate application and application fee are required for each generating unit. However, if a facility owner has multiple WREGIS generating unit IDs for a single facility and all the static characteristics of the facility (other than the generating capacity) are identical, it may request that Commerce treat the combined generating units as a single application. The owner must document at the time of application that all GU IDs are part of a single facility in a single location. If GU IDs are added later, a separate application will be required.

To submit your facility for certification, e-mail the application and any supplemental materials listed above to (wregis@commerce.wa.gov). Submit payment of the advisory opinion fee to:

Department of Commerce
Attn: State Energy Office
P.O. Box 42525
Olympia, WA 98504-2525

Commerce will post each application on its website. Applications are subject to a public comment period.

Section 10: Advisory Opinion and WREGIS Certification (to be completed by Commerce)

It is the opinion of the Washington Department of Commerce that the facility identified in this application meets the statutory legal standard for an eligible renewable resource as defined in RCW 19.285.030, based on the factors set out below. The facility will be designated in WREGIS as an eligible renewable resource under the Washington Energy Independence Act:

Facility Name:		WREGIS GU ID:	
----------------	--	---------------	--

<input checked="" type="checkbox"/>	The fuel source for the facility is identified in RCW 19.285.030 as renewable energy:		
<input checked="" type="checkbox"/>	Wind	<input type="checkbox"/>	Wave, ocean, or tidal power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Gas from sewage treatment facilities
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Biodiesel fuel as defined in RCW 82.29A.135 that is not derived from crops raised on land cleared from old growth or first-growth forests where the clearing occurred after December 7, 2006
<input type="checkbox"/>	Landfill gas	<input type="checkbox"/>	Biomass energy

<input checked="" type="checkbox"/>	The facility commenced operation after March 31, 1999, as required by RCW 19.285.030.
-------------------------------------	---

<input checked="" type="checkbox"/>	The facility is located in the Pacific Northwest, or the electricity from the facility is delivered into Washington state on a real-time basis without shaping, storage, or integration services, as required by RCW 19.285.030.
-------------------------------------	--

Washington Certification Number: **WA2014-005**

WASHINGTON DEPARTMENT OF COMMERCE

Yang Hill 5/12/14
 Director or Designee Date


[Logout](#)
[My Account](#)
[Customize My Page](#)

Energy Northwest - ninecanyon

4/29/2014 8:02:17 AM [Change Password](#)

Generator Information

Facility ID, Name and Location Information

WREGIS GU ID:	684
Generating Unit Name: *	<input type="text" value="Nine Canyon Wind Proj"/>
External Unit ID: *	<input type="text" value="EIA 860 Plant Code - 7936"/> <small>(optional for class I and class J generators)</small> <input type="button" value="View External Unit ID Info"/>
Facility Owner Name: *	<input type="text" value="Energy Northwest"/>
Primary Facility Name: *	<input type="text" value="Nine Canyon Wind Proj"/>
Secondary Facility Name:	<input type="text"/>
County: *	<input type="text" value="Benton"/>
Country: *	<input type="text" value="US"/>
State/Province: **	<input type="text" value="WASHINGTON"/> - <input type="text" value="Select One"/> <input type="text" value="WA"/>

Engineering Information

Commenced Operation Date: *	<input type="text" value="09/01/2002"/> <small>(format: MM/DD/YYYY)</small>
Nameplate Capacity (MW): *	<input type="text" value="63.700"/> <small>(format: x.xxx)</small>
Capacity Factor: *	<input type="text" value="34"/> <small>(either Capacity Factor or Maximum Annual Energy is required)</small>
Maximum Annual Energy: *	<input type="text"/> <small>(either Capacity Factor or Maximum Annual Energy is required)</small>
Repowered Indicator:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Repower Date: **	<input type="text"/> <small>(format: MM/YYYY)</small>
Facility Outside US-Defined Protected Areas:	<input type="radio"/> Yes <input checked="" type="radio"/> No

Company Information

Company Name: *	<input type="text" value="Energy Northwest"/>
Company Street Address1: *	<input type="text"/>

WA2014-005 Nine Canyon Wind Project

	<input type="text" value="92308 S. Nine Canyon I"/>
Company Street Address2:	<input type="text"/>
Company City: *	<input type="text" value="Kennewick"/>
Company Country: *	<input type="text" value="US"/>
Company State/Province: ****	WASHINGTON <input type="text" value="Select One"/> · <input type="text" value="WA"/>
Company Zip/Postal: *	<input type="text" value="99337"/>
Company Telephone: *	<input type="text" value="509-585-3677"/> (format: if US and Canada 123-456-7890 / Mexico 011-52-12-3456-7890/all other Countries free text)
Company Fax:	<input type="text" value="509-585-7131"/> (format: if US and Canada 123-456-7890 / Mexico 011-52-12-3456-7890/all other Countries free text)
Company Web Site URL:	<input type="text" value="www.energy-northwest."/> (format: www.apx.com)
Mailing Address1: *	<input type="text" value="92308 S. Nine Canyon I"/> <input type="button" value="Same As Street Address"/>
Mailing Address2:	<input type="text"/>
Mailing City: *	<input type="text" value="Kennewick"/>
Mailing Country: *	<input type="text" value="US"/>
Mailing State/Province: ****	WASHINGTON <input type="text" value="Select One"/> · <input type="text" value="WA"/>
Mailing Zip/Postal: *	<input type="text" value="99337"/> (format: if US and Mexico 12345 / Canada a1b2c3/all other Countries free text)

Facility Operator Information

Contact Job Title:	<input type="text" value="Technical Support Spec"/>
Contact Name: *	<input type="text" value="Jennifer Knighten"/>
Contact Mailing Address1: *	<input type="text" value="92308 S. Nine Canyon I"/> <input type="button" value="Same As Company Mailing Address"/>
Contact Mailing Address2:	<input type="text"/>
Contact City: *	<input type="text" value="Kennewick"/>
Contact Country: *	<input type="text" value="US"/>
Contact State/Province: ****	WASHINGTON · <input type="text" value="Select One"/> <input type="text" value="WA"/>
Contact Zip/Postal: *	<input type="text" value="99337"/> (format: if US and Mexico 12345 / Canada a1b2c3/all other Countries free text)
Contact Telephone: *	<input type="text" value="509-585-3677"/> (format: if US and Canada 123-456-7890 / Mexico 011-52-12-3456-7890/all other Countries free text)

WA2014-005 Nine Canyon Wind Project

Contact Email: *	<input type="text" value="jlknighten@energy-nortl"/> (format: abc@apx.com)
WREGIS Generator Class and Fuel Type / Energy Source Information	
WREGIS Generation Classification - Generation Reported to Balancing Authority on a unit-specific basis: *	<input checked="" type="radio"/> Yes <input type="radio"/> No
WREGIS Generation Classification (cont): ***	<input type="text" value="Wholesale Generation"/>
WREGIS Generation Reporting Classification: *	<input type="text" value="A"/>
Generating Unit in WECC Region Declaration Indicator: *	<input checked="" type="radio"/> Yes <input type="radio"/> No
Utility to which generating unit is interconnected: *	<input type="text" value="Bonneville Power Administration"/>
Qualifying Facility (QF): *	<input type="radio"/> Yes <input checked="" type="radio"/> No
Generation Technology / Prime Mover: *	<input type="text" value="Wind"/>
Fuel Type / Energy Source: *	<input checked="" type="radio"/> Single Fuel <input type="radio"/> Multi Fuel <input type="text" value="Wind"/>
Reporting Entity, State/Provincial/Voluntary Admin Access, and Sub-Account Assignment	
Reporting Entity: *	<input type="text" value="Bonneville Power Administration"/>
Reporting Entity Unit ID: *	<input type="text" value="W684"/> (If Self-Reporting, leave this field blank.)
State/Provincial/Voluntary Program Administrator:	<input type="text" value="California Energy Commission"/> <input type="text" value="Colorado Public Utilities Commission"/> <input type="text" value="Green-e Energy"/> <input type="button" value="Edit State/Provincial/Voluntary Program Administrator"/>
Active Sub-Account Selection: *	<input type="text" value="Nine Canyon - 580"/>
Ownership and Assignment of Registration Rights Information	
Facility Ownership Type: *	Electric Wholesale Generator
Assignment of Registration Rights:	<input type="radio"/> Yes <input checked="" type="radio"/> No Assignment of Registration Rights document
Assignment of Registration Rights Effective Date: **	<input type="text"/> (format: MM/DD/YYYY)
Court-or Regulator's Assignment of Registration Rights:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Court-or Regulator's Assignment of Registration Rights Effective Date: **	<input type="text"/> (format: MM/DD/YYYY)
Metering Information	
Generating Unit Aggregate	

WA2014-005 Nine Canyon Wind Project

Metering: *	<input checked="" type="radio"/> Yes <input type="radio"/> No
Primary Generator: *	<input checked="" type="radio"/> Yes <input type="radio"/> No
Number of Generating Units Aggregating on this Meter:	<input type="text" value="2"/> (readonly)
Revenue Meter ID: *	<input type="text" value="2683\2685\3189"/>
Revenue Meter Suffix:	<input type="text" value="2"/> (readonly)
Revenue Meter County: *	<input type="text" value="Benton"/>
Revenue Meter Country: *	<input type="text" value="US"/>
Revenue Meter State/Province: ****	WASHINGTON Select One <input type="text" value="WA"/>

Optional Generating Unit Registration

California Supplemental Energy Payment Received:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Facility Receives State/Provincial Public Benefit Fund Support Indicator:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Federal Tax Credits Received Indicator:	<input type="radio"/> Yes <input checked="" type="radio"/> No

Hydroelectric Facility

FERC Hydro License Date:	<input type="text"/> (format: MM/DD/YYYY)
FERC Hydro License Status (If no date provided above):	Select One <input type="text"/>

* Required Field ** Required Field if "Yes" is checked above *** Required Field if "No" is checked above **** Required if US, Canada or Mexico

Next

Cancel

[Privacy Policy](#)



Department of Commerce
Innovation is in our nature.

commerce.wa.gov/eia

**Washington State
Energy Independence Act**

**Application for Advisory Opinion and
Renewable Energy Facility (WREGIS)
Certification**

All information provided in this application or any supplemental or additional materials is subject to public disclosure.

FACILITY NAME: **Sierra Pacific Burlington**
WREGIS Generating Unit ID (if already registered): **W1491 & W2042**

A separate Washington application is required for each generating unit with a separate WREGIS GU ID. Applicant must select Washington in WREGIS generating unit registration.

Section 1: Agency Action Requested

Advisory Opinion and WREGIS Certification Advisory Opinion Only

Section 2: Applicant Information

Applicant Contact: **David Branchcomb** Title: **Director, Power Contracting**
Applicant Phone: **(530) 378-8412**
Applicant E-mail: **DBranchcomb@spi-ind.com**
Applicant Company Name: **Sierra Pacific Industries**
Company Address: **19794 Riverside Ave.**
City: **Anderson** State/Province: **CA**
Zip Code: **96007** Country: **USA**

Section 3: Facility Information

Facility Owner

Name of Facility Owner:
OR The Facility Owner is the same as the Applicant.

Address:

City/State/ZIP:

Contact Name, Phone, and Email:

Facility Identification and Location

Unit Name: **Sierra Pacific Burlington**

Facility Name: **Sierra Pacific Burlington**

Unit location (street address, legal description, or GPS coordinates):

14353 McFarland Rd.

City: **Mt. Vernon**

County: **Skagit**

State/Province: **WA**

Zip: **98273**

Country: **USA**

Provide a description of the facility.

The **Sierra Pacific Burlington** facility is a **28 MW biomass cogeneration** facility located near **Mt. Vernon, Washington** that includes a mill onsite for wood manufacturing and is registered as a eligible renewable resource. The facility is located within, and is interconnected to, the **Puget Sound Energy** balancing authority. Organic by-products from the wood manufacturing process are used as the fuel source for the facility.

Facility Identification NumbersWREGIS Generating Unit ID: **W1491 & W2042**

Other External ID:

EIA Utility Code: **15500**EIA Plant Code: **56406****Section 4: Facility Eligibility****A. Facility Profile**Nameplate Capacity (MW): **28**

If this value will change, please explain:

Commercial Operation Date (COD): **3 / 15 / 2007**Is your facility considered repowered by WREGIS? Yes No

If yes, please explain:

B. Facility FuelIndicate each energy source used by the facility. For definitions, refer to [RCW 19.285.030](#). For multi-fuel generating facilities indicate all fuels used.

<input type="checkbox"/>	Wind	<input type="checkbox"/>	Wave power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Ocean power
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Tidal power
<input type="checkbox"/>	Landfill gas	<input type="checkbox"/>	Gas from sewage treatment facility
<input checked="" type="checkbox"/>	Biomass energy (must complete Section 5)	<input type="checkbox"/>	Biodiesel fuel (must complete Section 6)
<input type="checkbox"/>	Water (must complete Section 7)	<input type="checkbox"/>	Other (please specify):

Will the facility use any fossil fuel or other non-qualifying fuel? Yes No

- Type of fossil fuel or other non-qualifying fuel: **Natural Gas for start ups**
- Average annual amount of non-qualifying fuel used (percent of net heat input): **< 1%**

Section 5: Biomass Energy Supplement (complete only if "biomass energy" is checked in Section 4)**Allowed Fuel Sources.** Indicate each source of biomass energy used by the facility.

<input checked="" type="checkbox"/>	Organic by-products of pulping and the wood manufacturing process	<input type="checkbox"/>	Food waste and food processing residuals
<input type="checkbox"/>	Animal manure	<input type="checkbox"/>	Liquors derived from algae
<input checked="" type="checkbox"/>	Solid organic fuels from wood	<input type="checkbox"/>	Dedicated energy crops
<input checked="" type="checkbox"/>	Forest or field residues	<input type="checkbox"/>	Yard waste
<input type="checkbox"/>	Untreated wooden demolition or construction debris		

Prohibited Fuel Sources. The following materials will NOT be used as a source of biomass energy by the facility.

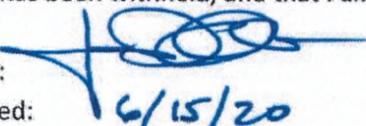
<input checked="" type="checkbox"/>	Wood pieces that have been treated with chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenic	<input checked="" type="checkbox"/>	Wood from old growth forests
		<input checked="" type="checkbox"/>	Municipal solid waste

Legacy Biomass. The Washington Energy Independence Act allows a biomass energy facility commencing operation before March 31, 1999 to qualify as an eligible renewable resource in certain circumstances. Contact Commerce to

Section 6: Biodiesel Fuel Supplement (complete only if "biodiesel fuel" is checked in Section 4)	
The biodiesel fuel used by the facility meets each of the identified conditions:	
<input type="checkbox"/>	The fuel (a) is a mono alkyl ester of long chain fatty acids derived from vegetable oils or animal fats for use in compression-ignition engines and (b) meets the requirements of the American society of testing and materials specification D 6751 in effect as of January 1, 2003.
<input type="checkbox"/>	The fuel is NOT from crops raised on land cleared from old growth or first-growth forests where the clearing occurred after December 7, 2006.
Section 7: Water/Hydroelectric Power (complete only if "water" is checked in Section 4)	
The facility uses water as a fuel in the following manner:	
<input type="checkbox"/>	Incremental Hydro. Incremental electricity produced as a result of efficiency improvements completed after March 31, 1999, to hydroelectric generation projects owned by a qualifying utility and located in the Pacific Northwest where the additional generation does not result in new water diversions or impoundments.
	Date efficiency improvement completed:
	Method of measuring incremental generation:
<input type="checkbox"/>	Incremental generation is separately metered or measured.
<input type="checkbox"/>	Incremental generation is modeled each year based on actual stream flows.
<input type="checkbox"/>	Incremental generation is modeled as a fixed percentage of total generation. Fixed percentage: %
<input type="checkbox"/>	Incremental generation is modeled as a fixed generation amount. Fixed amount: megawatt-hours
	Note: If any box but the first is checked, the facility must register in WREGIS as a multi-fuel facility. Non-incremental generation will be classified as Large Hydro (LHN) and excluded from certificate creation.
<input type="checkbox"/>	Canal or pipe. Hydroelectric generation from a project completed after March 31, 1999, where the generation facility is located in irrigation pipes, irrigation canals, water pipes whose primary purpose is for conveyance of water for municipal use, and wastewater pipes located in Washington where the generation does not result in new water diversions or impoundments.
Section 8: Eligibility for Washington Multipliers (Optional)	
The facility qualifies for the following multipliers under the Washington Energy Independence Act:	
<input type="checkbox"/>	Distributed Generation. The facility has a generating capacity of 5 MW or less and is not part of any integrated cluster of facilities with an aggregate generating capacity of 5 MW or more.
<input type="checkbox"/>	Apprentice Labor. The facility commenced operation after December 31, 2005 and in construction used an apprenticeship program approved by the Washington State Apprenticeship and Training Council.
NOTE: Commerce requests optional multiplier eligibility from facility owners for informational purposes only. Owners seeking certification of a facility as eligible for a multiplier should contact Commerce for application requirements.	
Section 9: Reservation	
The Washington Department of Commerce makes a determination of resource eligibility under the Washington Energy Independence Act based on the information provided by the applicant and does not independently verify that information. An applicant must promptly notify Commerce of any changes to the information submitted for certification that may affect the facility's eligibility. Commerce reserves the right to modify or withdraw a designation if it determines that the information supplied by the applicant was incomplete or inaccurate.	

Section 10: Attestation

I declare that the information provided in this application and any supplemental forms and attachments are true and correct to the best of my knowledge, that the information contained in this submission is consistent with information on file with WREGIS unless otherwise indicated, that no information materially affecting the facility's eligibility has been withheld, and that I am authorized to file this submission on the facility owner's behalf.

Signature: 

Date Signed: 6/15/20

Authorized Officer/Agent: Jon Gartman

Officer Title and Company: Secretary / Sierra Pacific Industries

Name of Facility: Sierra Pacific Burlington

Application Checklist for Submission

Applicants must select the Washington program administrator in the generating unit's WREGIS static data.

Applicants should ensure that the following documents are provided:

1. Electronic copy of entire application, including a signed attestation page.
2. WREGIS "static data" if the facility is already registered in WREGIS. A printout of your generator account profile screen in WREGIS.
3. Optional project background documentation. Background documentation can be submitted or published in regulatory settings (FERC or state commission filings) or informal forums (websites, articles or factsheets).
4. Payment of advisory opinion fee of **\$1,250**. A separate application and application fee are required for each generating unit. However, if a facility owner has multiple WREGIS generating unit IDs for a single facility and all the static characteristics of the facility (other than the generating capacity) are identical, it may request that Commerce treat the combined generating units as a single application. The owner must document at the time of application that all GU IDs are part of a single facility in a single location. If GU IDs are added later, a separate application will be required.

To submit your facility for certification, e-mail the application and any supplemental materials listed above to (wregis@commerce.wa.gov). Submit payment of the advisory opinion fee to:

Department of Commerce
Attn: State Energy Office
P.O. Box 42525
Olympia, WA 98504-2525

Commerce will post each application on its website. Applications are subject to a public comment period.

Advisory Opinion and WREGIS Certification (to be completed by Commerce)

It is the opinion of the Washington Department of Commerce that the facility identified in this application meets the statutory legal standard for an eligible renewable resource as defined in RCW 19.285.030, based on the factors set out below. The facility will be designated in WREGIS as an eligible renewable resource under the Washington Energy Independence Act:

Facility Name:	Sierra Pacific Burlington	WREGIS GU ID:	W1491, W2042
----------------	---------------------------	---------------	--------------

<input checked="" type="checkbox"/>	The fuel source for the facility is identified in RCW 19.285.030 as renewable energy:		
<input type="checkbox"/>	Wind	<input type="checkbox"/>	Wave, ocean, or tidal power
<input type="checkbox"/>	Solar energy	<input type="checkbox"/>	Gas from sewage treatment facilities
<input type="checkbox"/>	Geothermal energy	<input type="checkbox"/>	Biodiesel fuel
<input type="checkbox"/>	Landfill gas	<input checked="" type="checkbox"/>	Biomass energy
<input type="checkbox"/>	Water (incremental efficiency hydro)	<input type="checkbox"/>	Water (pipe or canal)

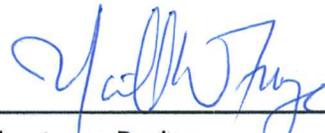
The facility commenced operation after March 31, 1999, as required by RCW 19.285.030.

The facility is located in the Pacific Northwest, or the electricity from the facility is delivered into Washington state on a real-time basis without shaping, storage, or integration services, as required by RCW 19.285.030.

Additional Provisions:

Washington Certification Number: WA2020-005

WASHINGTON DEPARTMENT OF COMMERCE



 Director or Designee

7/2/2020

 Date



STATE OF WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION
1300 S. Evergreen Park Dr. S.W., P.O. Box 47250 • Olympia, Washington 98504-7250
(360) 664-1160 • TTY (360) 586-8203

July 27, 2018

Mark L. Johnson, Executive Director and Secretary
Washington Utilities and Transportation Commission
1300 S. Evergreen Park Dr. SW
P. O. Box 47250
Olympia, Washington 98504-7250

RE: Pacific Power & Light Annual Renewable Portfolio Standard Compliance Report
Docket UE-160777

Dear Mr. Johnson:

In Order 01 of the above mentioned docket, the Commission determined that Pacific Power and Light (Pacific Power or Company) had complied with the 2016 renewable portfolio standard (RPS) target calculation and reporting requirements. The Commission ordered Pacific Power to file a report no later than June 1, 2018, that listed the certificate numbers for every renewable energy credit (REC) that the Company retired in the Western Renewable Energy Generation Information System (WREGIS), along with details about which certificates were used for its voluntary renewable energy programs for 2016.

Staff Analysis of Pacific Power's 2016 Final RPS Compliance Report

In its July 27, 2016, revised filing, Pacific Power correctly calculated its 2016 RPS target of 370,166 MWh, and identified a mix of wind- and incremental hydro-based RECs from 2015 and 2016 that it planned to use to meet this target. Table 1 below displays the mix of resources that Pacific Power planned to deploy to meet the target.

Table 1: Pacific Power's 2016 Renewable Resource Target and Compliance Plan

2016 Target (MWh)	Incremental Hydro (MWh)	2015 Generation and RECs	2016 Generation and RECs	Total Compliance Resources (MWh)
370,166	1,903	215,961	152,302	370,166

On May 29, 2018, Pacific Power filed its final RPS compliance report for 2016. Commission staff (Staff) has reviewed the compliance report and determined that Pacific Power has met its 2016 RPS target. Table 2 below details the resources Pacific Power used to meet the target.

Table 2: Summary of 2016 Pacific Power RCW 19.285.040 Compliance

Facility Name	Facility Type	Vintage Year 2015	Vintage Year 2016	Total
Pavant	Solar	316		316
Goodnoe Hills	Wind	5,383	18,292	23,675
Leaning Juniper I	Wind	15,187	16,552	31,739
Marengo	Wind	24,062	29,087	53,149
Marengo II	Wind	11,102	13,918	25,020
Campbell Hill	Wind	23,680	27,276	50,956
Dunlap I	Wind	27,359	31,741	59,100
Glenrock I	Wind	23,306	11,571	34,877
Rolling Hills	Wind	5,468		5,468
Top of the World	Wind	45,911		45,911
Bennett Creek Wind Farm	Wind	8,656		8,656
Hot Springs Wind Farm	Wind	8,028		8,028
Nine Canyon Wind Project	Wind	2,500		2,500
Lower Snake River – Phalen Gulch	Wind	1,300		1,300
Elkhorn Valley Wind Farm	Wind	4,468		4,468
Fighting Creek LFGTE Plant	Biogas	730		730
Hidden Hollow Energy	Biogas	12,501		12,501
JC Boyle	Incremental Hydro		235	235
Lemolo 1	Incremental Hydro		1,113	1,113
Lemolo 2	Incremental Hydro		95	95
Prospect 2	Incremental Hydro		329	329
TOTAL		219,957	150,209	370,166

As part of its 2016 RPS compliance, Pacific Power has retired unbundled RECs purchased from a variety of plants. A portion of these RECs (20,515) were produced from solar, wind, and biogas facilities located either in the Pacific Northwest or in another state in which Pacific Power serves retail customers: Pavant, Nine Canyon, Fighting Creek, Hidden Hollow, and Elkhorn Valley. The Department of Commerce has determined that three of these facilities (Nine Canyon,

Fighting Creek, and Elkhorn Valley) are eligible renewable resources, and has marked them as eligible in WREGIS. Pavant—a solar facility in Utah—and Hidden Hollow—a biogas plant in Idaho—are registered as renewable resources in WREGIS, though the Department of Commerce has not marked them as eligible to use for RPS compliance in Washington.

Staff has reviewed information on these plants, believes they meet the requirements as eligible renewable resources under the EIA, and recommends the Commission approve Pacific Power's use of RECs acquired from them to fulfill its RPS compliance obligations.

Conclusion

For 2016, Pacific Power has fully complied with the reporting requirements contained in Order 01, entered August 12, 2016. The Commission should approve the eligibility of Pavant, Nine Canyon, Fighting Creek, Hidden Hollow, and Elkhorn Valley and the use of RECs acquired from these resources for RPS compliance.

Sincerely,

Andrew Rector
Regulatory Analyst

Agreement

This agreement ("Agreement") confirms this transaction and is entered into this 11th day of September, 2019 ("Effective Date"), by and between Puget Sound Energy ("Puget") and [REDACTED] each referred to herein individually as a "Party" and collectively as the "Parties" or "Transferor" and/or "Transferee", regarding the exchange of the Product (as defined below) under the WSPP Agreement, including Service Schedule R.

Background: This Agreement is for the exchange of Renewable Energy Credits ("RECs"), whereby, [REDACTED] will deliver to Puget WA Certified RECs ("WA RECs") and Puget will deliver to [REDACTED] the same amount of WA or OR Certified Green-e RECs ("PNW Green-e RECs").

Product: WA RECs and PNW Green-e Product Quantity RECs of the corresponding REC Vintage that is transferred from the Project(s) (Table 1 & Table 2 below) pursuant to this Agreement.

Project(s): Projects includes the generation facilities and the REC Vintage listed in Table 1 & 2:

Table 1 – Projects for Delivery of WA RECs ([REDACTED] as Seller - Delivery to Puget)

Generator Name	WREGIS ID	REC Vintage
Cosmo Specialty Fibers, Inc.	W2233	2019
Cosmo Specialty Fibers, Inc.	W2242	2019

**Note: [REDACTED] reserves the right to utilize other Projects to fulfill the Quantity as long as the terms of this Confirmation are met by such replacement Product.*

Table 2 – Projects for Delivery of PNW Green-e Eligible RECs (Puget as Seller - Delivery to [REDACTED])

Generator Name	WREGIS ID	REC Vintage
Hopkins Ridge	W184	2019
Wild Horse	W183	2019
Klondike III	W237	2019

**Note: Puget reserves the right to utilize other Projects to fulfill the Quantity as long as the terms of this Confirmation are met by such replacement Product.*

[REDACTED]
VERSION

Environmental Attributes (Check One)

All Attributes (this designation is effective only if a Renewable Energy Source or Renewable Energy Facility is designated below)

Program Attributes (this designation is effective only if an Applicable Program is identified below) (Note: WREGIS and possibly other Tracking Systems will not recognize a Program Attributes REC, or may treat it as an All Attributes REC)

Applicable Program (required for Program Attributes; not required for All Attributes, but designation establishes the minimum Environmental Attributes required by a designated Applicable Program). Also required for recovery of penalties and alternative compliance payments (Section R-9.1). Designation should include detailed information, including any applicable legal citations, to assure adequate description of the program.

As defined in the Applicable Programs below.

Applicable Program(s):

RECs – Washington (“WA”) Renewable Portfolio Standard (“RPS”) [Wash. Rev. Code Sec. 19.285 et seq.; Wash. Admin. Code Sec 480-109]

PNW Green-e RECs - Washington (“WA”) Renewable Portfolio Standard (“RPS”) [Wash. Rev. Code Sec. 19.285 et seq.; Wash. Admin. Code Sec 480-109] and Eligible under Green-e Energy National Standard v 3.3, or as amended.

Product Quantity: 50,000 RECs

REC Vintage: January 1, 2019 – December 31, 2019. Note: Puget will transfer at least 50% of PNW Green-e RECs from the period July 1, 2019 – December 31, 2019.

REC Transfer: Both Parties shall, at its sole expense, take all actions and execute all documents or instruments necessary to ensure that all WREGIS Certificates associated with the Product Quantity are issued and tracked in WREGIS. The Transferor shall comply with all Applicable Laws, including, without limitation, the WREGIS Operating Rules, regarding the certification and transfer of such WREGIS Certificates to Transferee shall be given sole title to all such WREGIS Certificates. Upon receiving written or electronic notice from WREGIS that a transfer order has been initiated by the Transferor, the Transferee of the RECs shall confirm such transfer order in WREGIS within two Business Days. Upon notification of transfer of WREGIS Certificates from Transferor to Transferee and recognition by WREGIS of such transfer, title of the REC shall pass from Transferor to Transferee upon transfer of the REC by Transferor and acceptance by Transferee.

Product Quantity

Transferred: Product Quantity of WA RECs shall be transferred to Puget from [REDACTED] no later than April 21, 2020. Product Quantity of PNW Green-e RECS shall be transferred to [REDACTED] from Puget no later than April 25, 2020. In the event that [REDACTED] does not transfer WA RECs to Puget, Puget will not be responsible for transfer of PNW Green-e RECS to [REDACTED] as described per the terms herein. All transfers are via WREGIS.

REC Price: [REDACTED] will pay Puget \$ [REDACTED] per REC of Product Quantity Transferred from Puget for each PNW Green-e REC.

Total Payment: [REDACTED] to Puget – [REDACTED] will pay Puget, Product Quantity Transferred for PNW Green-e REC x REC Price

Payment Terms: Puget shall invoice [REDACTED] for the REC price x Product Quantity Transferred within ten (10) days of the acceptance date by Puget and [REDACTED] as evidenced in WREGIS. [REDACTED] shall pay the invoice within fifteen (15) business days after receipt of invoice from Puget. Any amount not paid when due under this Agreement shall accrue interest at the lesser of the prime rate of interest per annum or the highest rate permitted under applicable law until paid.

Contact Information:

[REDACTED]	Puget Sound Energy
All Notices: Street: [REDACTED] City/State/Zip: [REDACTED] Attn: [REDACTED] Email: [REDACTED] Phone: [REDACTED] Facsimile: n/a Duns: [REDACTED] Federal Tax ID Number: [REDACTED]	All Notices: Street: 2380 116 th Ave NE, Ste. 201 City/State/Zip: Bellevue, WA 98004 Attn: Tricia Fischer Email: tricia.fischer@pse.com Phone: (425) 462-3248 Facsimile: Duns: Federal Tax ID Number: 91-037-4630
Invoices: Attn: [REDACTED] Phone: [REDACTED] Facsimile:	Invoices: Attn: Perry Liang Phone: (425) 456-2853 Email: pwrgas@pse.com Facsimile: (425) 457-5210
Payments: Attn: [REDACTED] Phone: [REDACTED] Facsimile:	Payments: Attn: Perry Liang Phone: (425) 456-2853 Facsimile: (425) 457-5210
Wire Transfer: BNK: [REDACTED] ABA: [REDACTED] ACCT#: [REDACTED] ACCT Name: [REDACTED]	Wire Transfer: Bank: KeyBank ABA: [REDACTED] ACCT: [REDACTED] ACCT Name: Puget Sound Energy, Inc.
Credit and Collections:	Credit and Collections:

[REDACTED]
REDACTED
VERSION

Attn: [REDACTED] Phone: [REDACTED] Facsimile: Email: [REDACTED]	Attn: Manager of Risk Control Phone: (425) 457-5823 Facsimile: Email: Kyle.Stewart@pse.com
Defaults: With additional Notices of an Event of Default or Potential Event of Default to: Attn: [REDACTED] Phone: [REDACTED] Facsimile: n/a	Defaults: With additional Notices of an Event of Default or Potential Event of Default to: Attn: Robert Neate Phone: (425) 456-2444 Facsimile:

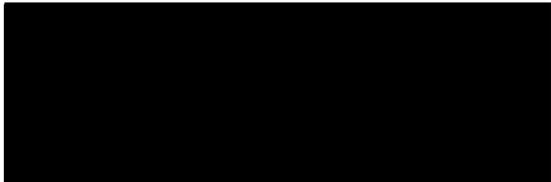
Change in Law

Provisions: Not Regulatory Continuing (WSPP Service Schedule R, Section R-5.2.2(c)).

Each Party represents and warrants to the other that: (i) it is an "eligible commercial entity" and an "eligible contract participant" within the meaning of United States Commodity Exchange Act §§ 1a(11) and 1a(12), respectively, and (ii) this Transaction has been subject to individual negotiation by the Parties.

Notwithstanding anything contained in the WSPP Agreement to the contrary, this Confirmation shall only be effective when executed by both parties.

IN WITNESS WHEREOF, the Parties have signed this Confirmation effective as of the Effective Date.



PUGET SOUND ENERGY

By: _____

By: _____

Name: [REDACTED]

Name: Charles Smith

Title: [REDACTED]

Title: Manager, Energy

Date: 9/11/19

Date: 9/11/19

REDACTED
VERSION

**TRANSACTION CONFIRMATION
WA RPS Eligible RECs**

This Transaction Confirmation (this “Confirmation”) is entered into this 24th day of January, 2020 (“Effective Date”), by and between [REDACTED] or “Seller”) and Puget Sound Energy (“Puget” or “Buyer”), each referred to herein individually as a “Party” and collectively as the “Parties”, regarding the purchase and sale of the Product (as defined below) under the WSPP Agreement, including Service Schedule R.

Seller: [REDACTED]

Buyer: Puget Sound Energy (“Puget”)

Product: Firm RECs

Environmental Attributes (Check One)

All Attributes (this designation is effective only if a Renewable Energy Source or Renewable Energy Facility is designated below)

Program Attributes (this designation is effective only if an Applicable Program is identified below) (Note: WREGIS and possibly other Tracking Systems will not recognize a Program Attributes REC, or may treat it as an All Attributes REC)

Applicable Program (required for Program Attributes; not required for All Attributes, but designation establishes the minimum Environmental Attributes required by a designated Applicable Program). Also required for recovery of penalties and alternative compliance payments (Section R-9.1). Designation should include detailed information, including any applicable legal citations, to assure adequate description of the program.

_____ WA RPS [Wash. Rev. Code Sec. 19.285 et seq.; Wash. Admin. Code Sec 480-109]

Quantity: 38,000 RECs

Projects: WA RECs from the following Projects:

Name of Project	WREGIS ID
Condon Wind Power Project – Condon Phase II	W833
Condon Wind Power Project – Condon Wind Power Project	W774
Stateline – FPL Energy Vansycle LLC (WA)	W248
Stateline – FPL Energy Vansycle (OR)	W249
Klondike I – Klondike Wind Power LLC	W238

Project substitution - Seller reserves the right to utilize other Projects to fulfill the Quantity as long as the terms of this Confirmation are met by such replacement Product.

Product Vintage: July 1, 2019 – December 31, 2019 and/or January 1, 2020 – December 31, 2020

**REDACTED
VERSION**

Change in Law

Provisions:

Not Regulatory Continuing (WSPP Service Schedule R, Section R-5.2.2(c)).

Each Party represents and warrants to the other that: (i) it is an “eligible commercial entity” and an “eligible contract participant” within the meaning of United States Commodity Exchange Act §§ 1a(11) and 1a(12), respectively, and (ii) this Transaction has been subject to individual negotiation by the Parties.

Notwithstanding anything contained in the WSPP Agreement to the contrary, this Confirmation shall only be effective when executed by both parties.

IN WITNESS WHEREOF, the Parties have signed this Confirmation effective as of the Effective Date.



By: _____

Name: _____

Title: _____

Puget Sound Energy

By: Chris Smith

Name: Chris Smith

Title: Manager, Trading

REDACTED
VERSION

**TRANSACTION CONFIRMATION
Green E Eligible RECs**

This Transaction Confirmation (this "Confirmation") is entered into this 19th day of August, 2020 ("Effective Date"), by and between **Puget Sound Energy, Inc.** ("Puget Sound Energy" or "Buyer") and [REDACTED] or "Seller"), each referred to herein individually as a "Party" and collectively as the "Parties", regarding the purchase and sale of the Product (as defined below) under the WSPP Agreement, including Service Schedule R.

- Seller:** [REDACTED]
- Buyer:** Puget Sound Energy, Inc.
- Product:** Firm RECs, WA Compliant, Green-e Eligible Wind RECs.
- Contract Quantity:** 16,937 MWh of Product
- Project:** From to be named wind generation facilities that is Green-e eligible, and WA Compliant.
- Product Vintage:** 16,937 MWh of Product will have a vintage of January 1, 2020 –December 31, 2020.
- REC Delivery:** 16,937 2020 WA Compliant, Green-e Eligible RECs (Product) will be delivered into Buyer’s WREGIS account no later than March 31, 2021.
- Contract Price:** \$ [REDACTED] per MWh of Product.
- Payment:** Seller shall invoice Buyer for Product. Buyer shall pay in 10 business days after the later of (a) receipt of invoice or (b) delivery of all 16,937 RECs to the Buyer’s WREGIS account.
- Credit Required:** No credit support required for this transaction.

Buyer: Puget Sound Energy	Seller: [REDACTED]
All Notices: Street: 355 110 th Ave NE #EST-11 City: Bellevue, WA 98004-5862 Attn: Tricia Fischer Phone: 425-462-3248 Email: tricia.fischer@pse.com Duns: Federal Tax ID Number: 91-037-4630	All Notices: [REDACTED]
Invoices: Attn: Brian Kim Phone: 425-462-3155 Email: pwrgas@pse.com	
Payments: Attn: Energy Accounting	

Phone: 425-456-2853 Email: pwrgas@pse.com	
Wire Transfer: BNK: KeyBank ABA: [REDACTED] ACCT#: [REDACTED] ACCT Name: Puget Sound Energy, Inc.	Wire Transfer: Bank: [REDACTED] ABA: [REDACTED] ACCT: [REDACTED] ACCT Name: [REDACTED]
Credit and Collections: Attn: Manager Risk Control Phone: 425-456-2864 Email: hailing.huang@pse.com	
Defaults: With additional Notices of an Event of Default or Potential Event of Default to: Attn: Robert Neate Phone: 425-456-2444 Email: robert.neate@pse.com	

Each Party represents and warrants to the other that: (i) it is an “eligible commercial entity” and an “eligible contract participant” within the meaning of United States Commodity Exchange Act §§1a(17) and 1a(18), respectively, and (ii) this Transaction has been subject to individual negotiation by the Parties.

WAIVER OF JURY: To the fullest extent permitted by law, each of the parties hereto waives any right it may have to a trial by jury in respect of litigation directly or indirectly arising out of, under or in connection with this agreement. Each party further waives any right to consolidate any action in which a jury trial has been waived with any other action in which a jury trial cannot be or has not been waived.

Notwithstanding anything contained in the WSPP Agreement to the contrary, this Confirmation shall only be effective when executed by both parties.

IN WITNESS WHEREOF, the Parties have signed this Confirmation effective as of the Effective Date.

Puget Sound Energy

By: Chris Smith

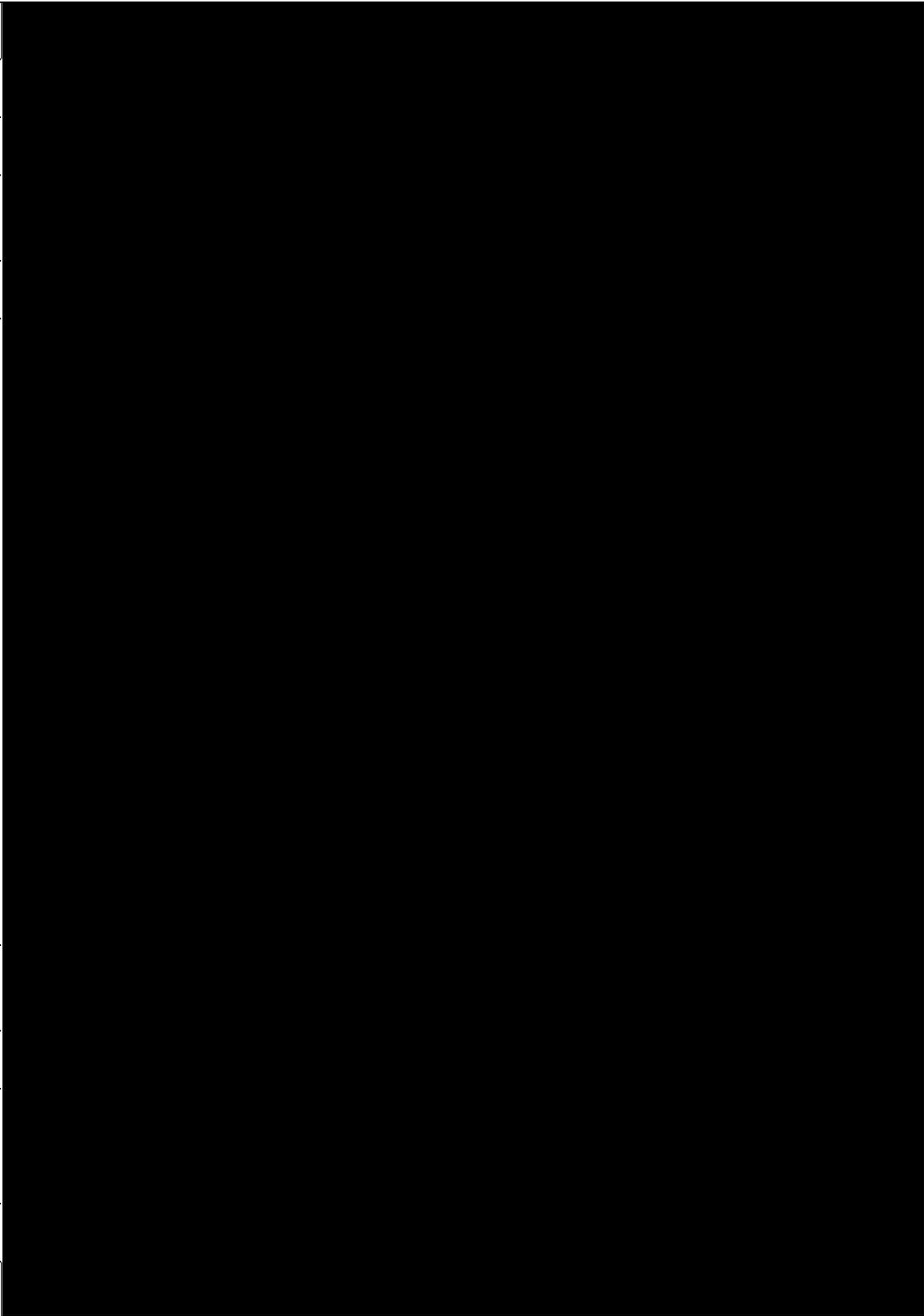
Name: Chris Smith

Title: Manager, Trading

By: [REDACTED]
Name: [REDACTED]
Title: [REDACTED]

REDACTED
VERSION

**RENEWABLE ENERGY CREDITS (“RECs”) PURCHASE AND SALE AGREEMENT (“Agreement”)
AMENDMENT No. 1**

Seller:	
Seller Contact:	
Buyer:	
Buyer Contact:	
Transaction Date:	
Definitions:	
Product for Delivery to Buyer:	
Vintage:	
Quantity:	
Facility:	
Purchase Price:	

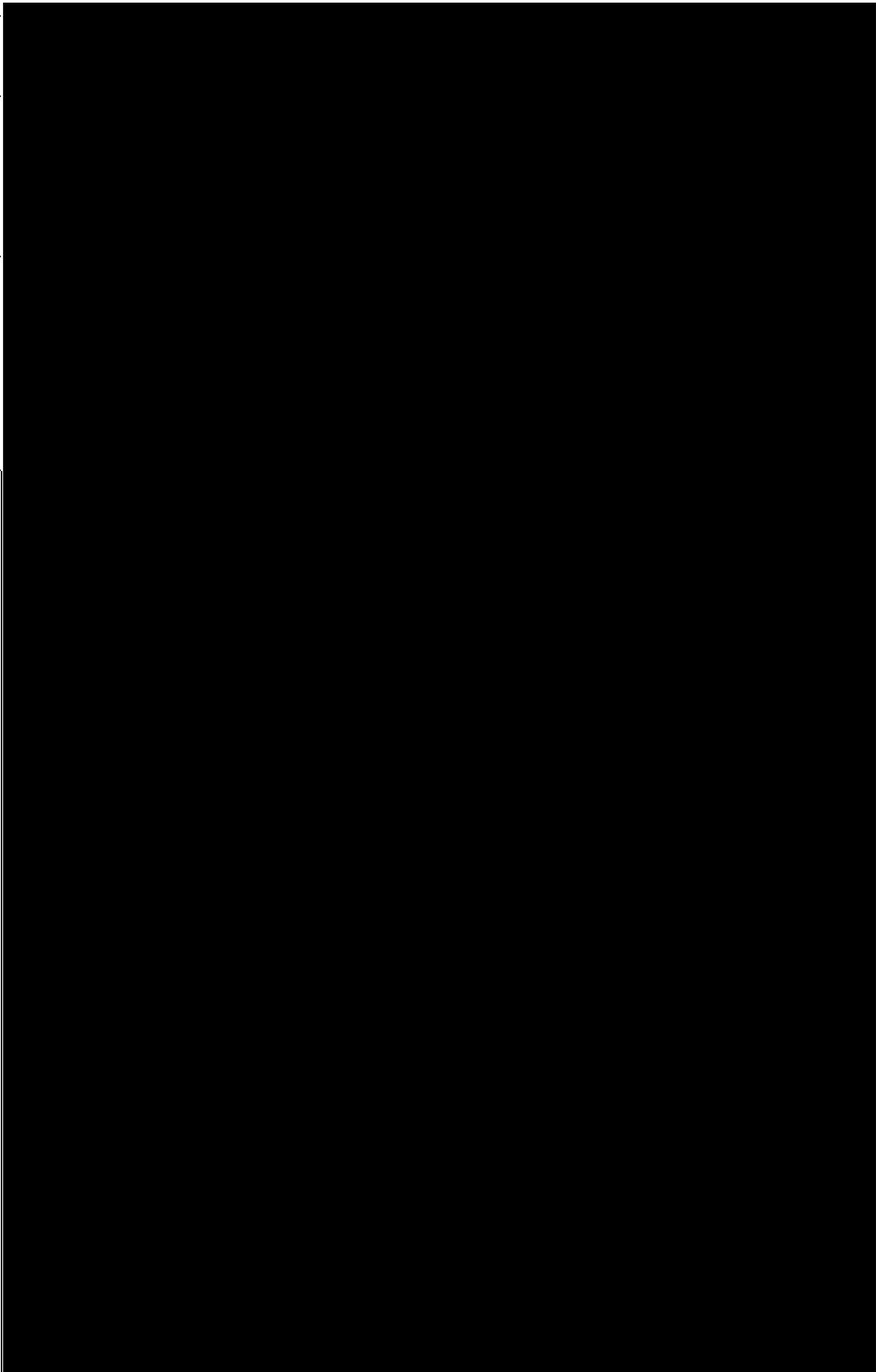
**REDACTED
VERSION**

Transfer of RECs:

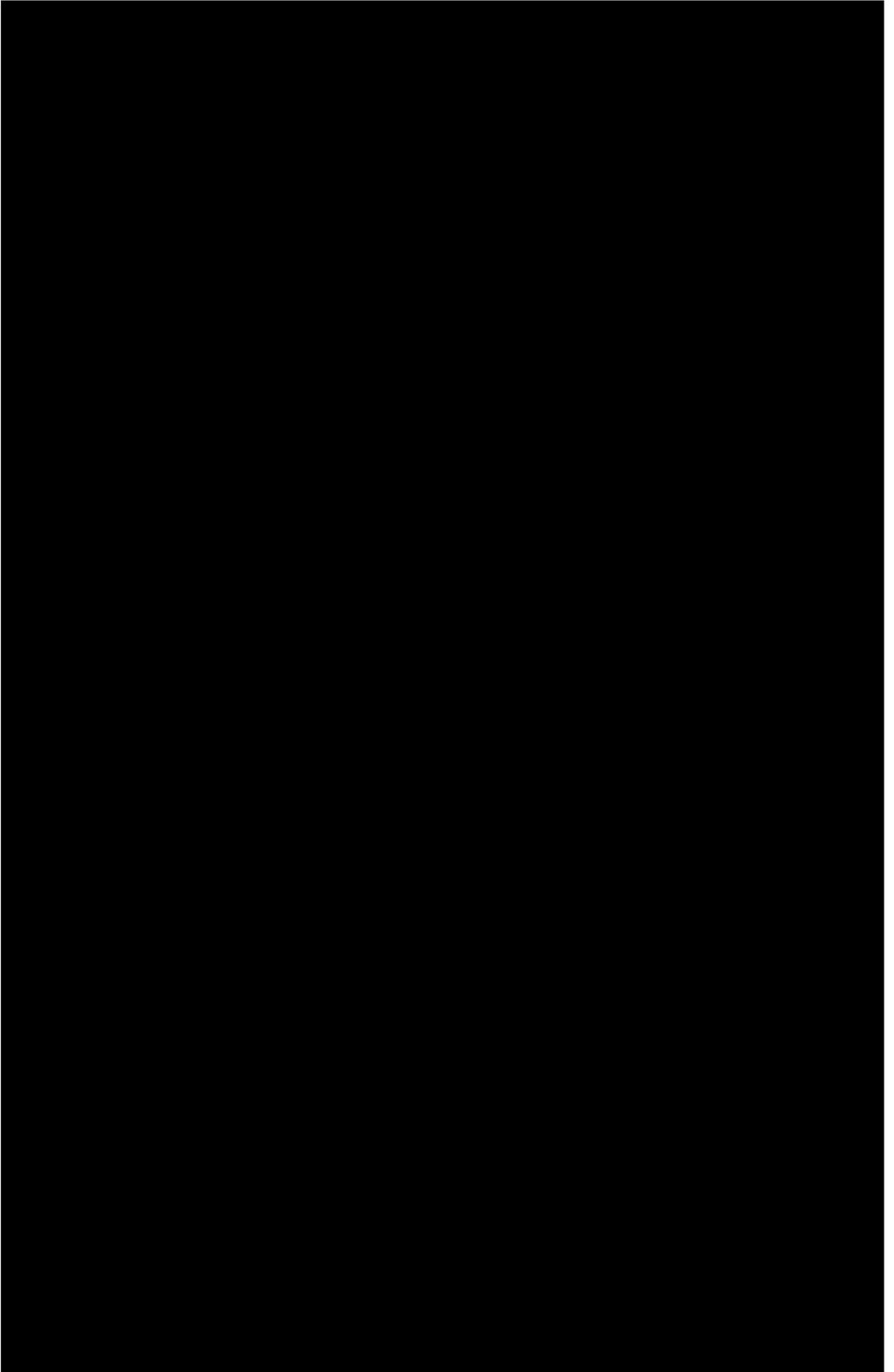
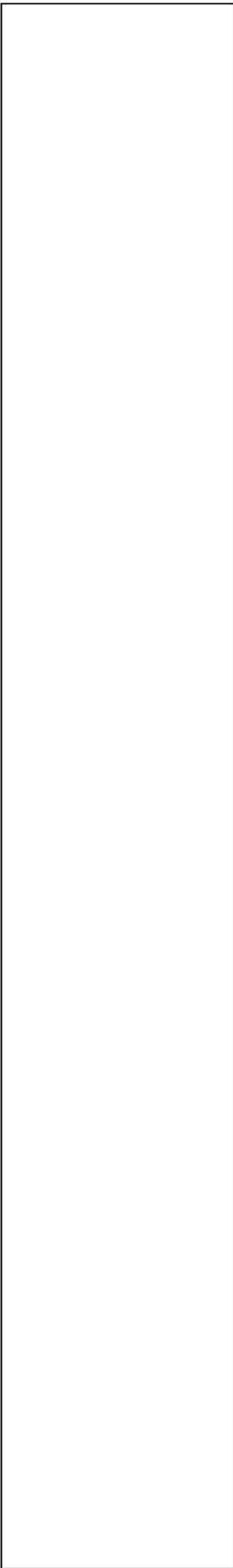
Special Conditions:

Payment:

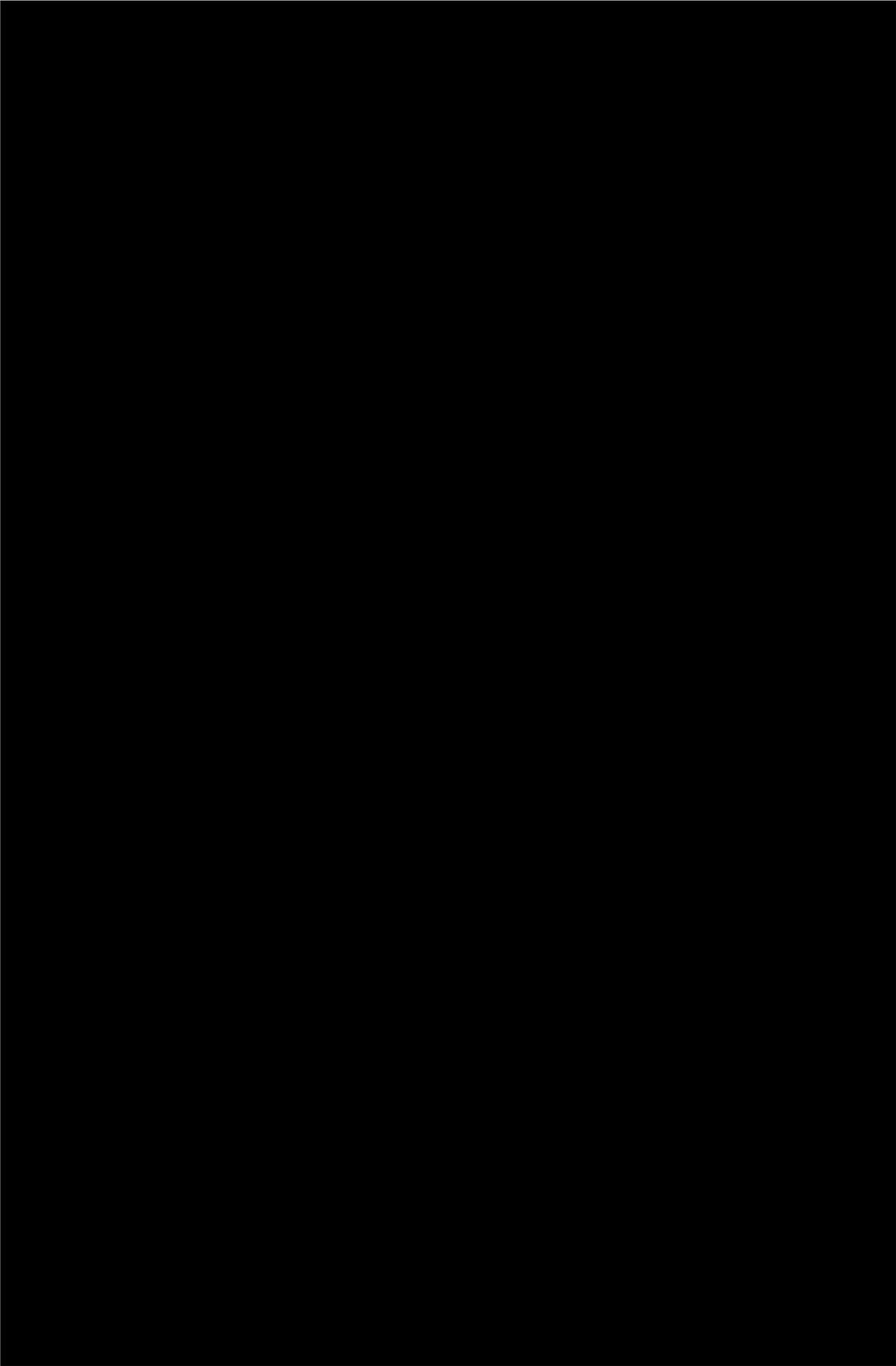
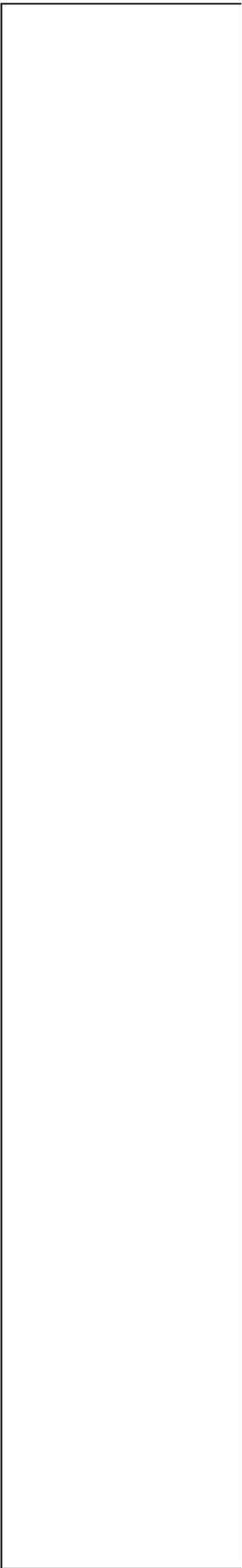
General Terms and
Conditions:



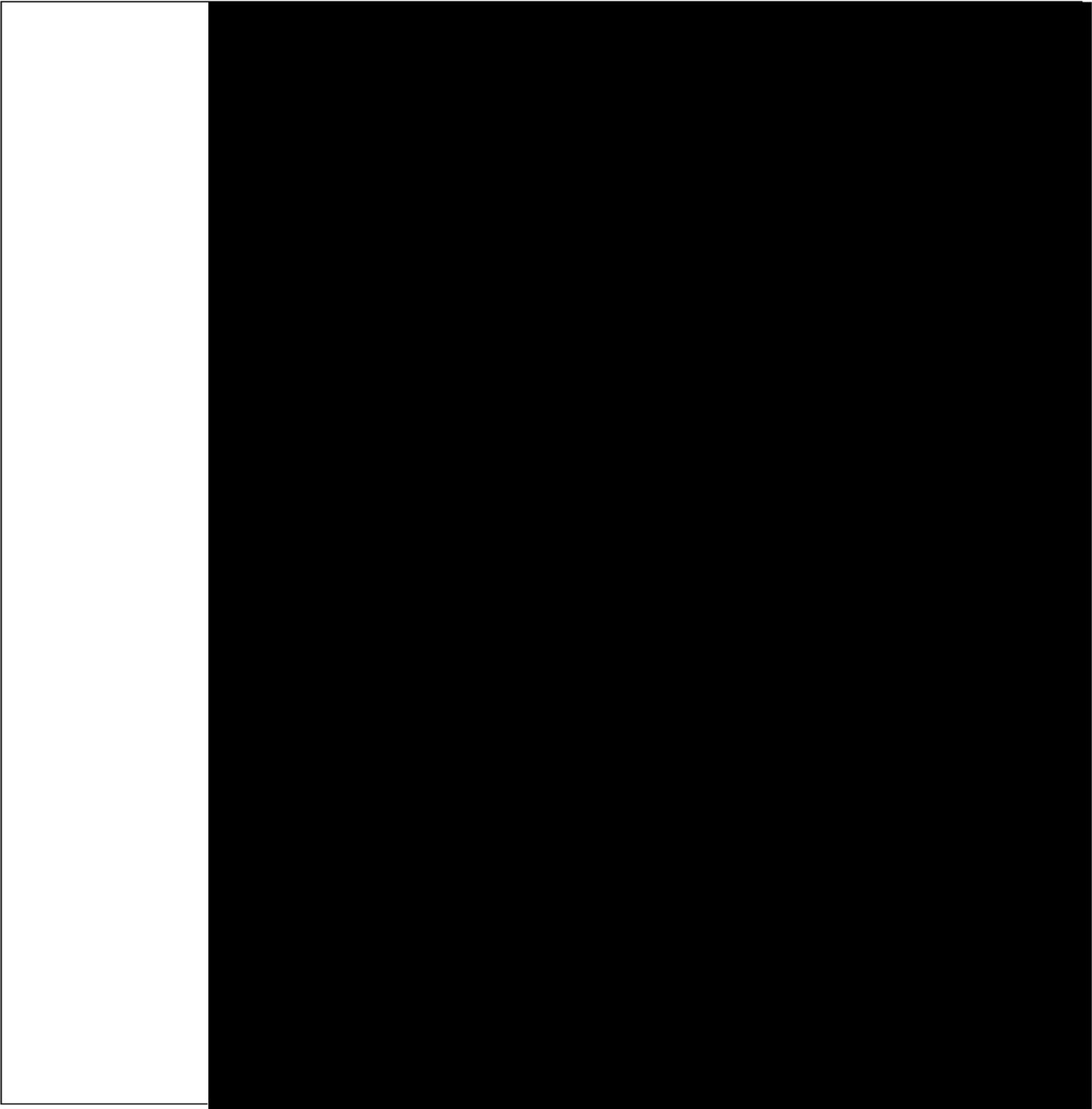
REDACTED
VERSION



REDACTED
VERSION



REDACTED
VERSION



REDACTED
VERSION

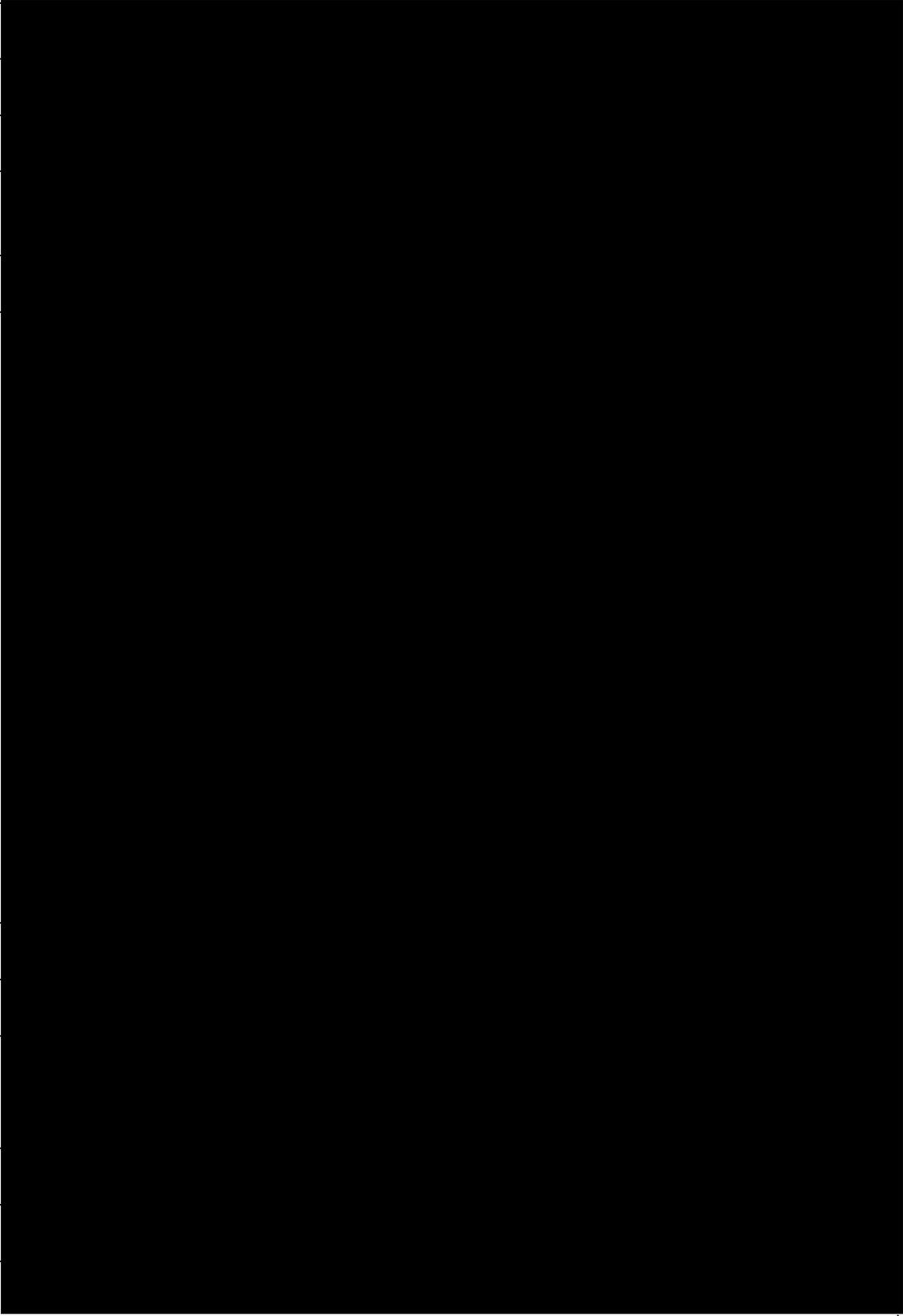
By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



REDACTED
VERSION

RENEWABLE ENERGY CREDITS ("RECs") PURCHASE AND SALE AGREEMENT ("Agreement")

Seller:
Seller Contact:
Buyer:
Buyer Contact:
Transaction Date:
Definitions:
Product for Delivery to Buyer:
Vintage:
Quantity:
Facility:
Purchase Price:
Transfer of RECs:



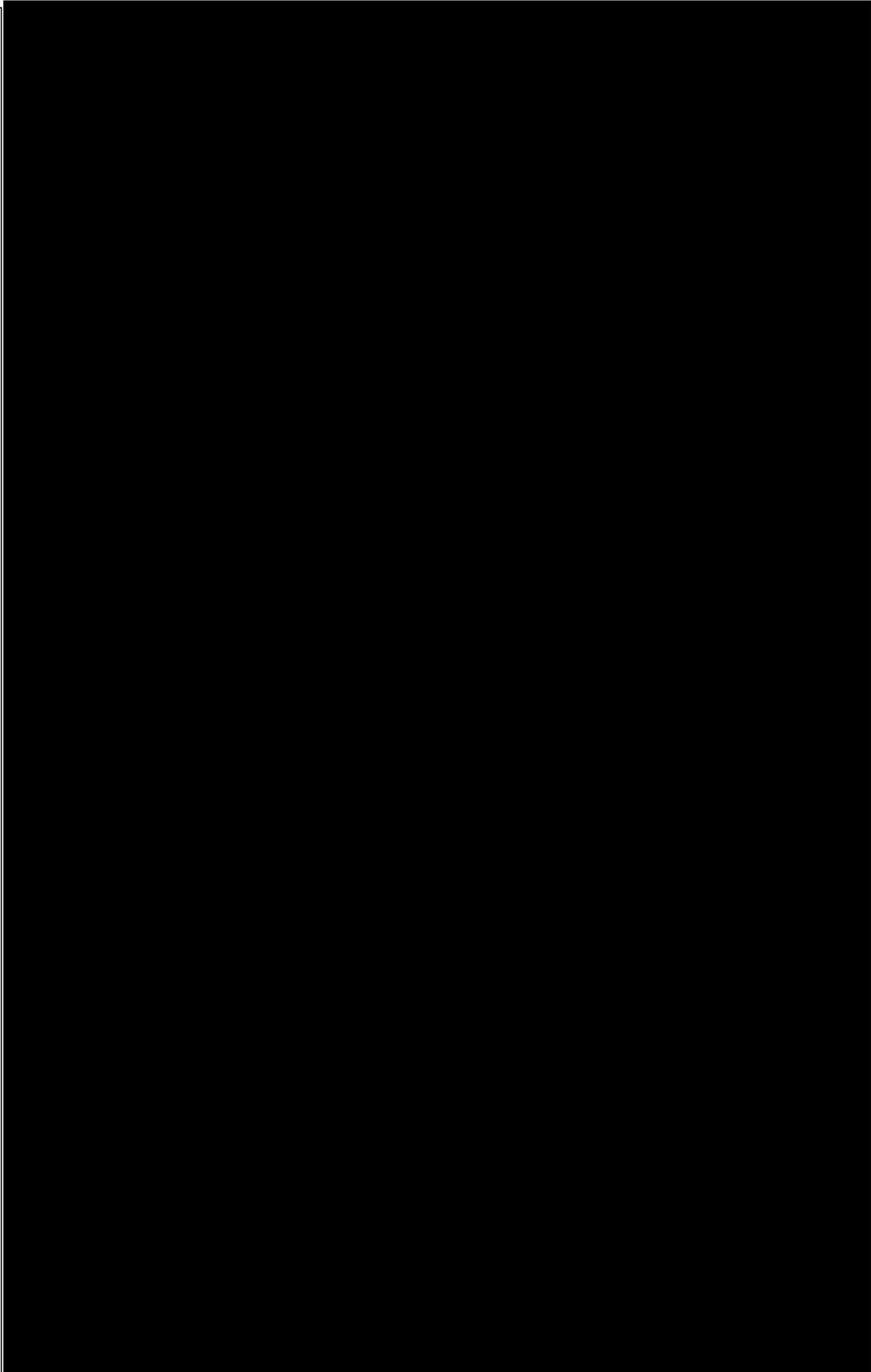
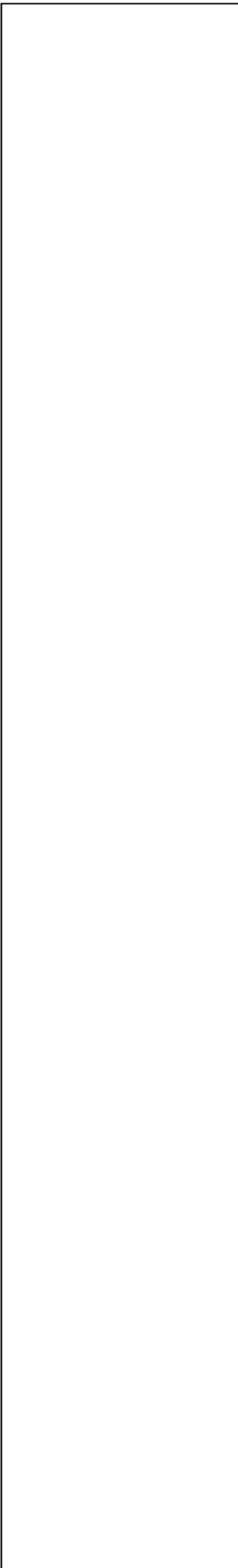
REDACTED
VERSION

Special Conditions:

Payment:

General Terms and
Conditions:

REDACTED
VERSION



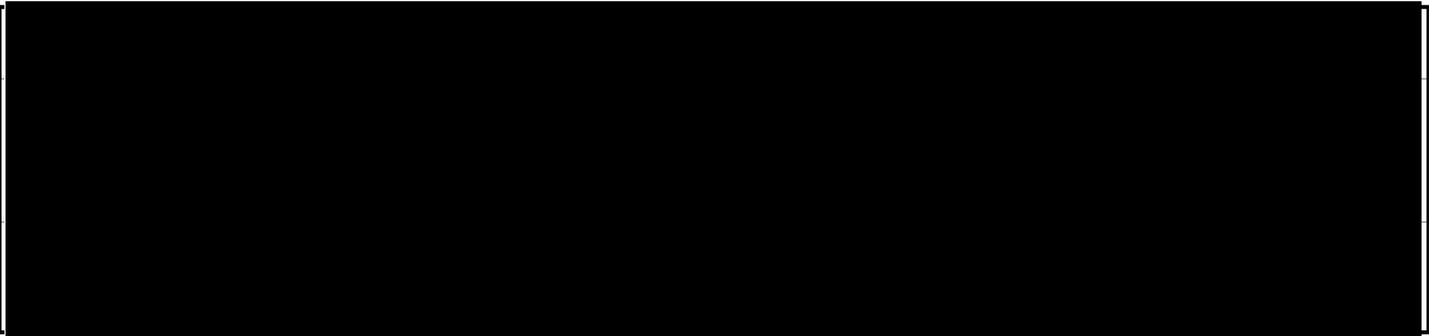
REDACTED
VERSION



REDACTED
VERSION



By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



REDACTED
VERSION

TRANSACTION CONFIRMATION
WA RPS Green-e Eligible RECs

This Transaction Confirmation (this "Confirmation") is entered into this 20th day of December, 2019 ("Effective Date"), by and between [REDACTED] or "Seller") and Puget Sound Energy ("Puget" or "Buyer"), each referred to herein individually as the "Party" and collectively as the "Parties", regarding the purchase and sale of the Product (as defined below) under the WSPP Agreement, including Service Schedule R.

Seller: [REDACTED]

Buyer: Puget Sound Energy ("Puget")

Product: Firm RECs

Environmental Attributes (Check One)

All Attributes (this designation is effective only if a Renewable Energy Source or Renewable Energy Facility is designated below)

Program Attributes (this designation is effective only if an Applicable Program is identified below) (Note: WREGIS and possibly other Tracking Systems will not recognize a Program Attributes REC, or may treat it as an All Attributes REC)

Applicable Program (required for Program Attributes; not required for All Attributes, but designation establishes the minimum Environmental Attributes required by a designated Applicable Program). Also required for recovery of penalties and alternative compliance payments (Section R-9.1). Designation should include detailed information, including any applicable legal citations, to assure adequate description of the program.

____ WA RPS [Wash. Rev. Code Sec. 19.285 et seq.; Wash. Admin. Code Sec 480-109]

____ "Green-e Eligible" under Green-e Energy National Standard v3.3 and any amended versions; and means the Project must submit, or will have submitted, a "Green-e Energy Attestation from Generator Participating in a Tracking System" form to the Center for Resource Solutions ("CRS") and maintain Green-e eligibility with CRS as evidenced via CRS' confidential and proprietary list of electricity generation facilities that have been recognized by CRS as meeting these criteria.

Quantity: 57,305 RECs*

Projects: WA, Green-e Eligible RECs from the following Wind Projects:

Name of Project	WREGIS ID
Klondike III	W237
Mountain Air Wind	W2869

Project substitution - Seller reserves the right to utilize other Projects to fulfill the Quantity as long as the terms of this Confirmation are met by such replacement Product.

Product Vintage: January 1, 2019 – December 31, 2019
January 1, 2020 – December 31, 2020

*Note: Seller guarantees that a minimum of 25,000 of Product will be transferred from the 2020 Product Vintage.

REC Delivery: All RECS will be delivered prior to 4/30/2021.
All transfers are via WREGIS.

REDACTED
VERSION

Contract Price: \$ [REDACTED] /REC

Payment: Seller shall invoice Buyer and Buyer shall pay for Quantity of RECs transferred x Contract Price (For full Quantity: 57,305 x \$ [REDACTED] = \$ [REDACTED] USD) in 15 business days after the transfer of Quantity of RECs to the Buyer's account and receipt of invoice by Buyer from Seller.

Seller: [REDACTED]	Buyer: Puget Sound Energy
All Notices: [REDACTED]	All Notices: Street: 2380 116 th Ave NE Suite 201 City/State/Zip: Bellevue, WA 98004 Attn: Tricia Fischer Email: tricia.fischer@pse.com Phone: (425) 462-3248 Facsimile: Duns: Federal Tax ID Number: 91-037-4630
Invoices: Attn: [REDACTED] Phone: [REDACTED] Facsimile:	Invoices: Attn: Perry Liang Phone: (425) 456-2560 Email: pwrqass@pse.com Facsimile:
Payments: Attn: [REDACTED] Phone: [REDACTED] Facsimile:	Payments: Attn: Energy Accounting Phone: (425) 456-2853 Facsimile:
Wire Transfer: BNK: [REDACTED] ABA: [REDACTED] ACCT#: [REDACTED] ACCT Name: [REDACTED]	Wire Transfer: Bank: KeyBank ABA: [REDACTED] ACCT: [REDACTED] ACCT Name: Puget Sound Energy, Inc.
Credit and Collections: Attn: [REDACTED] Phone: [REDACTED] Facsimile: Email: [REDACTED]	Credit and Collections: Attn: Manager of Risk Control Phone: (425) 457-5823 Facsimile: (425) 462-3280
Defaults: With additional Notices of an Event of Default or Potential Event of Default to: Attn: [REDACTED] Phone: [REDACTED] Facsimile: n/a	Defaults: With additional Notices of an Event of Default or Potential Event of Default to: Attn: Robert Neate Phone: (425) 456-2444 Facsimile:

REDACTED
VERSION

Change in Law

Provisions:

Not Regulatory Continuing (WSPP Service Schedule R, Section R-5.2.2(c)).

Each Party represents and warrants to the other that: (i) it is an “eligible commercial entity” and an “eligible contract participant” within the meaning of United States Commodity Exchange Act §§ 1a(11) and 1a(12), respectively, and (ii) this Transaction has been subject to individual negotiation by the Parties.

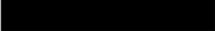
Notwithstanding anything contained in the WSPP Agreement to the contrary, this Confirmation shall only be effective when executed by both parties.

IN WITNESS WHEREOF, the Parties have signed this Confirmation effective as of the Effective Date.



By: _____

Name: 

Title: 

Puget Sound Energy

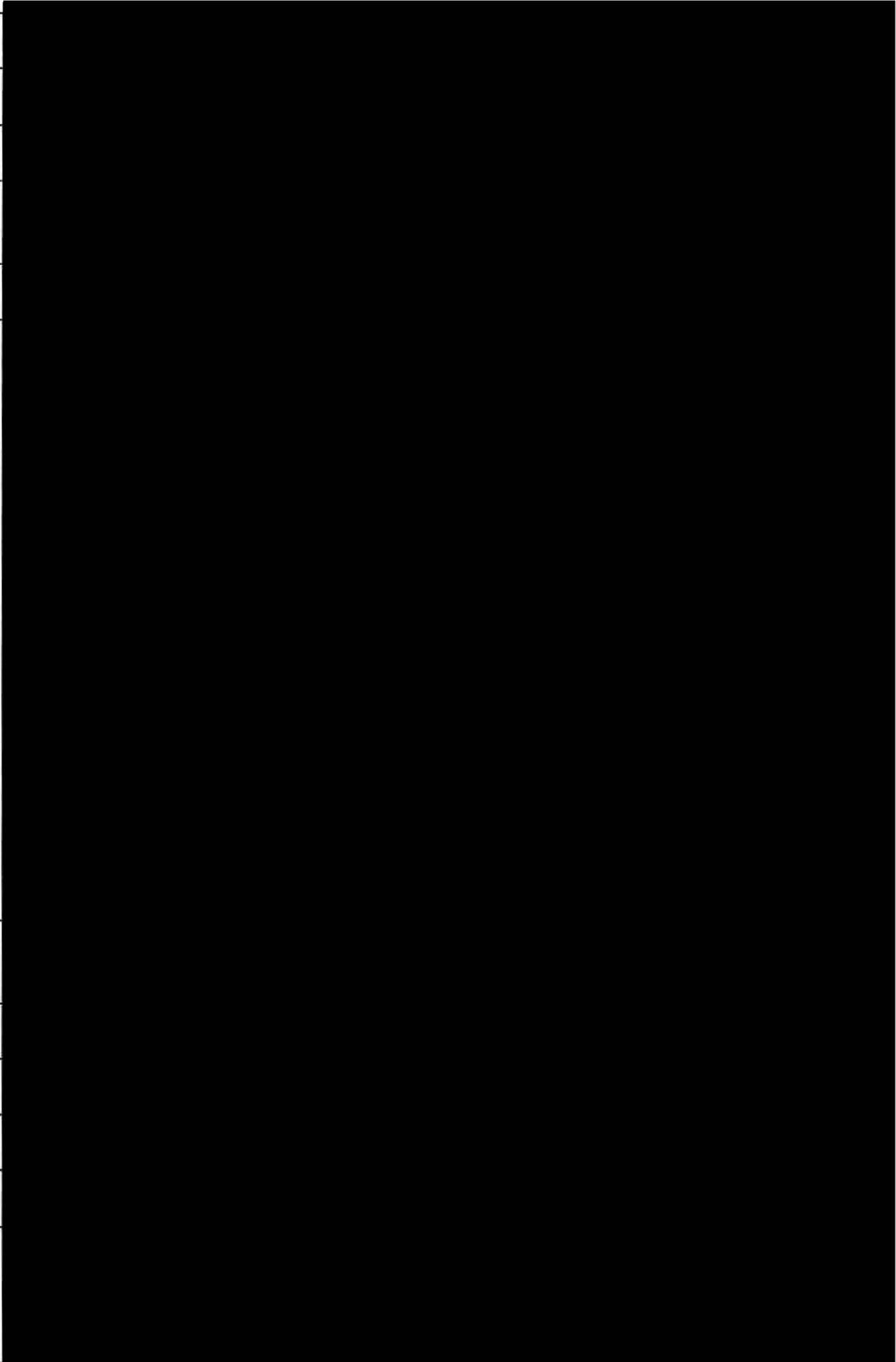
By: 

Name: Chris Smith

Title: Manager, Trading

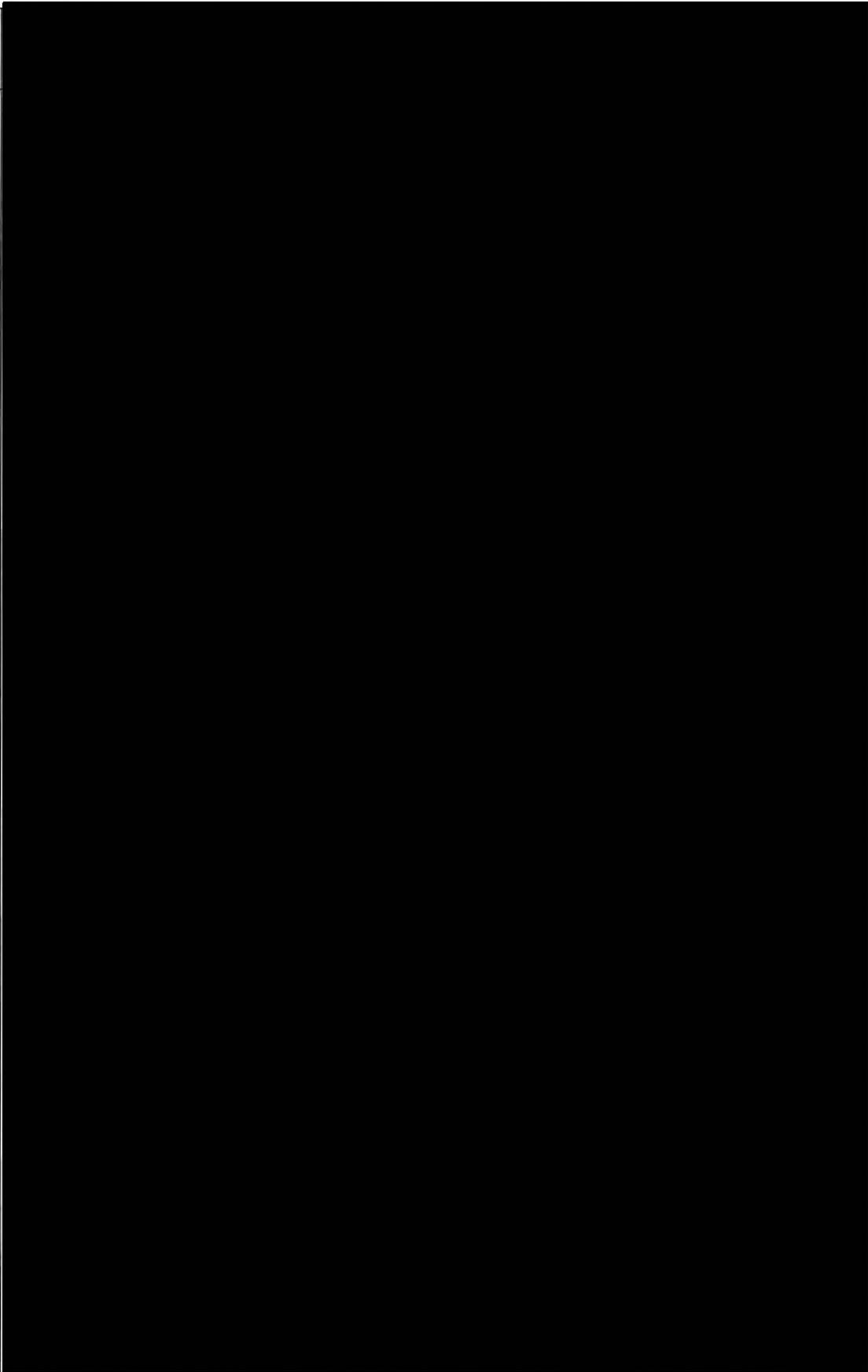
RENEWABLE ENERGY CREDITS ("RECs") PURCHASE AND SALE AGREEMENT ("Agreement")

Seller:
Seller Contact:
Buyer:
Buyer Contact:
Transaction Date:
Definitions:
Product for Delivery to Buyer:
Vintage:
Quantity:
Purchase Price:
Transfer of RECs:
Payment:

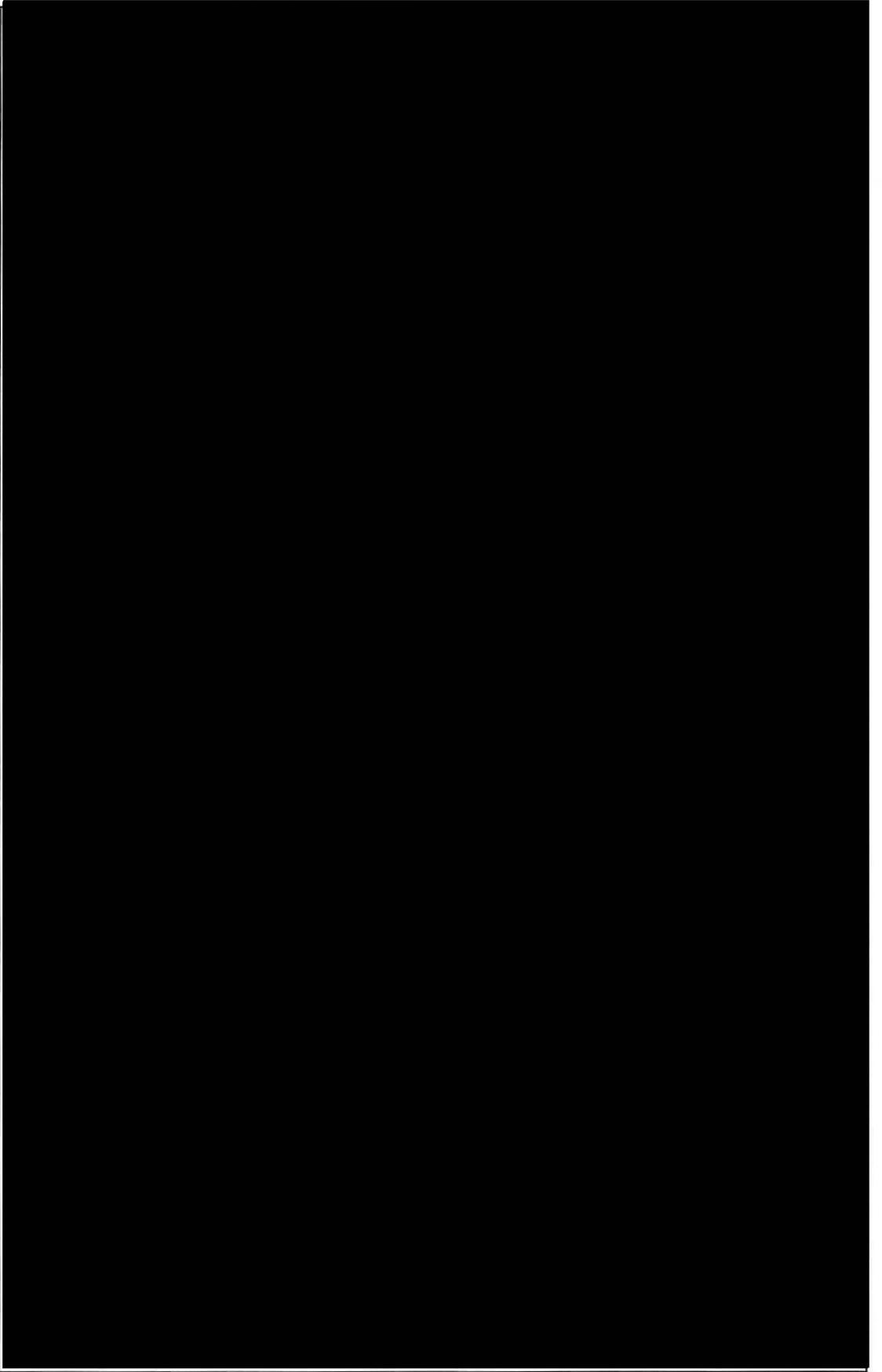
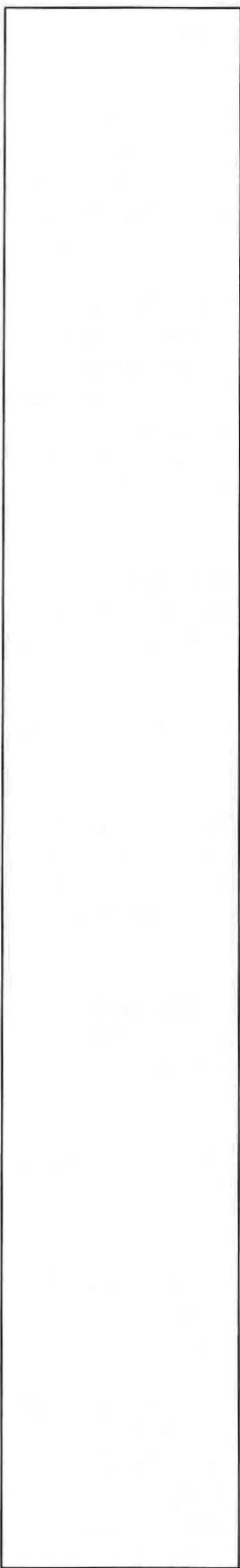


**REDACTED
VERSION**

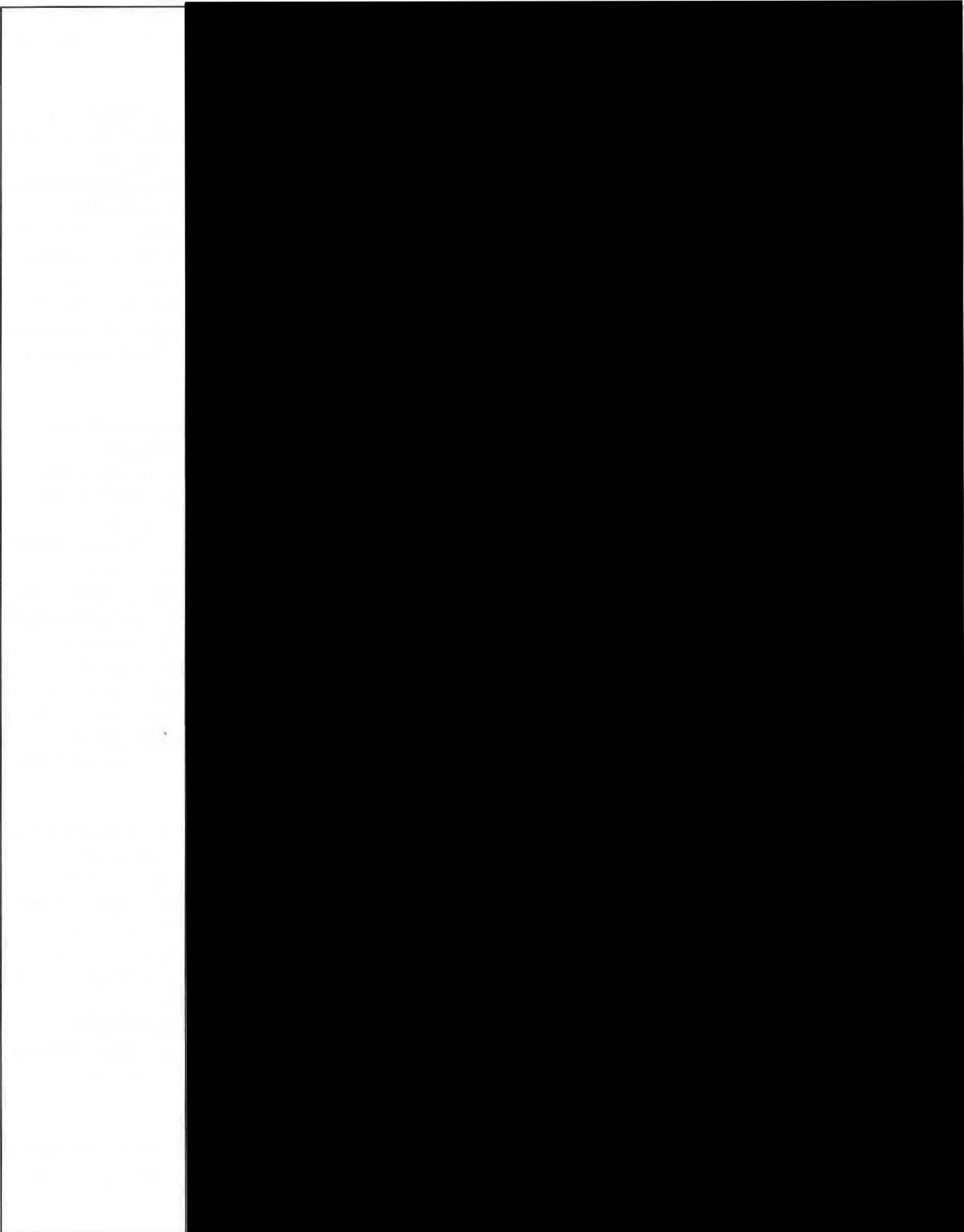
General Terms and
Conditions:



REDACTED
VERSION



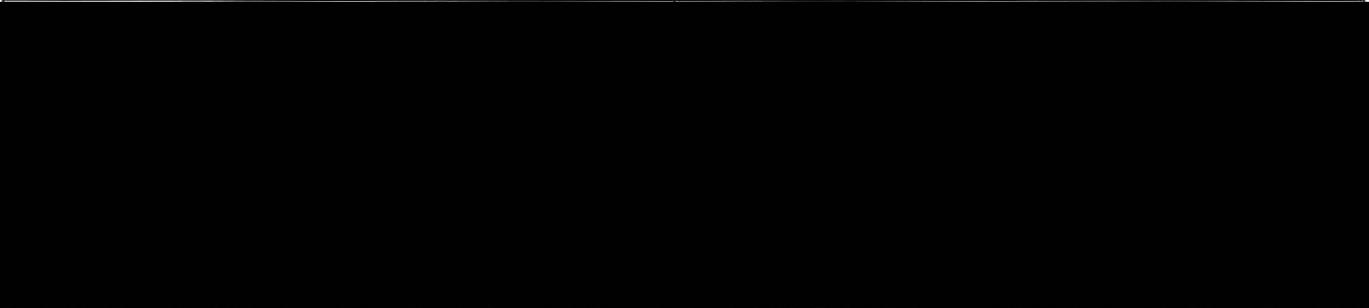
REDACTED
VERSION



REDACTED
VERSION

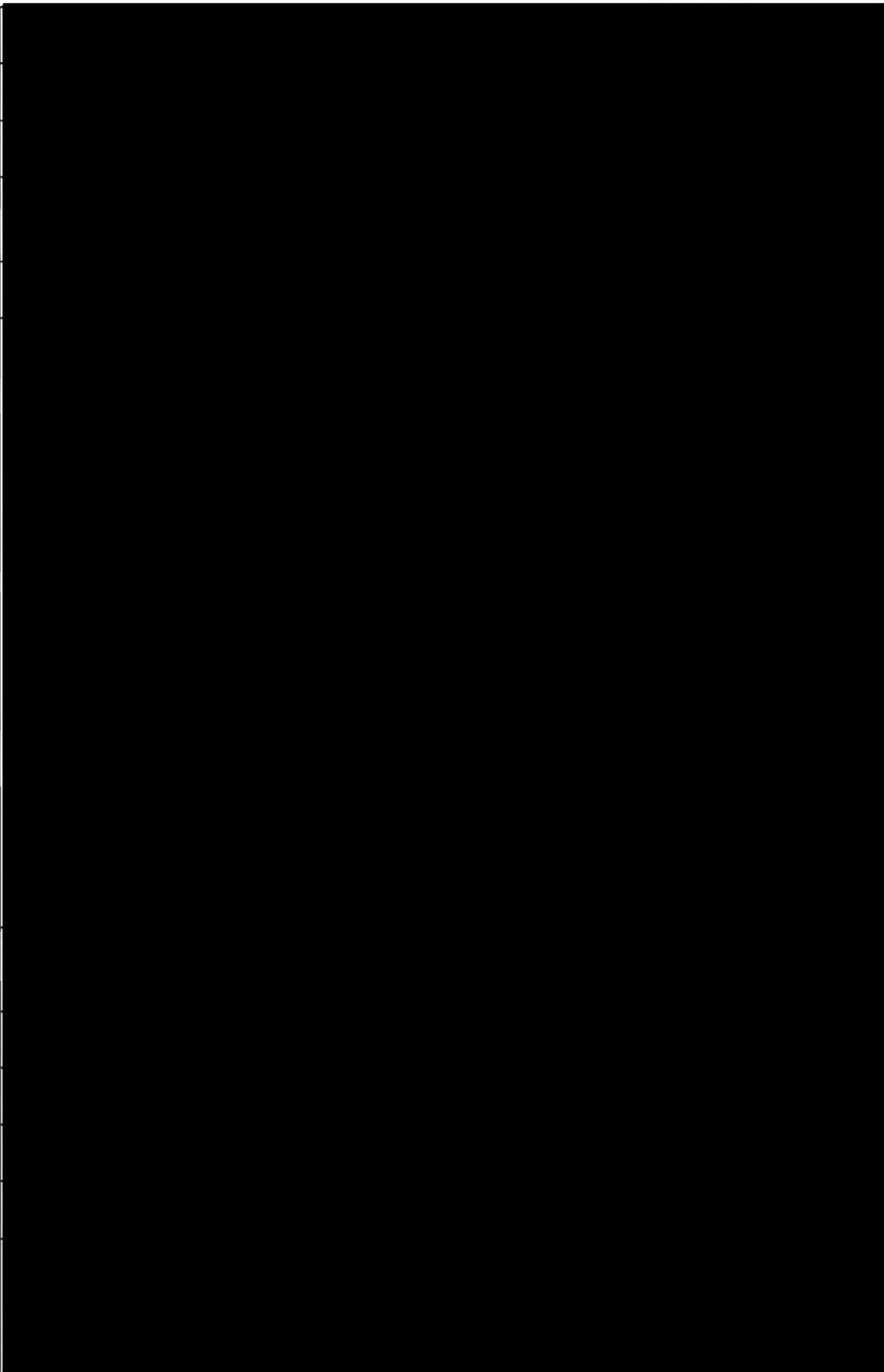


By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



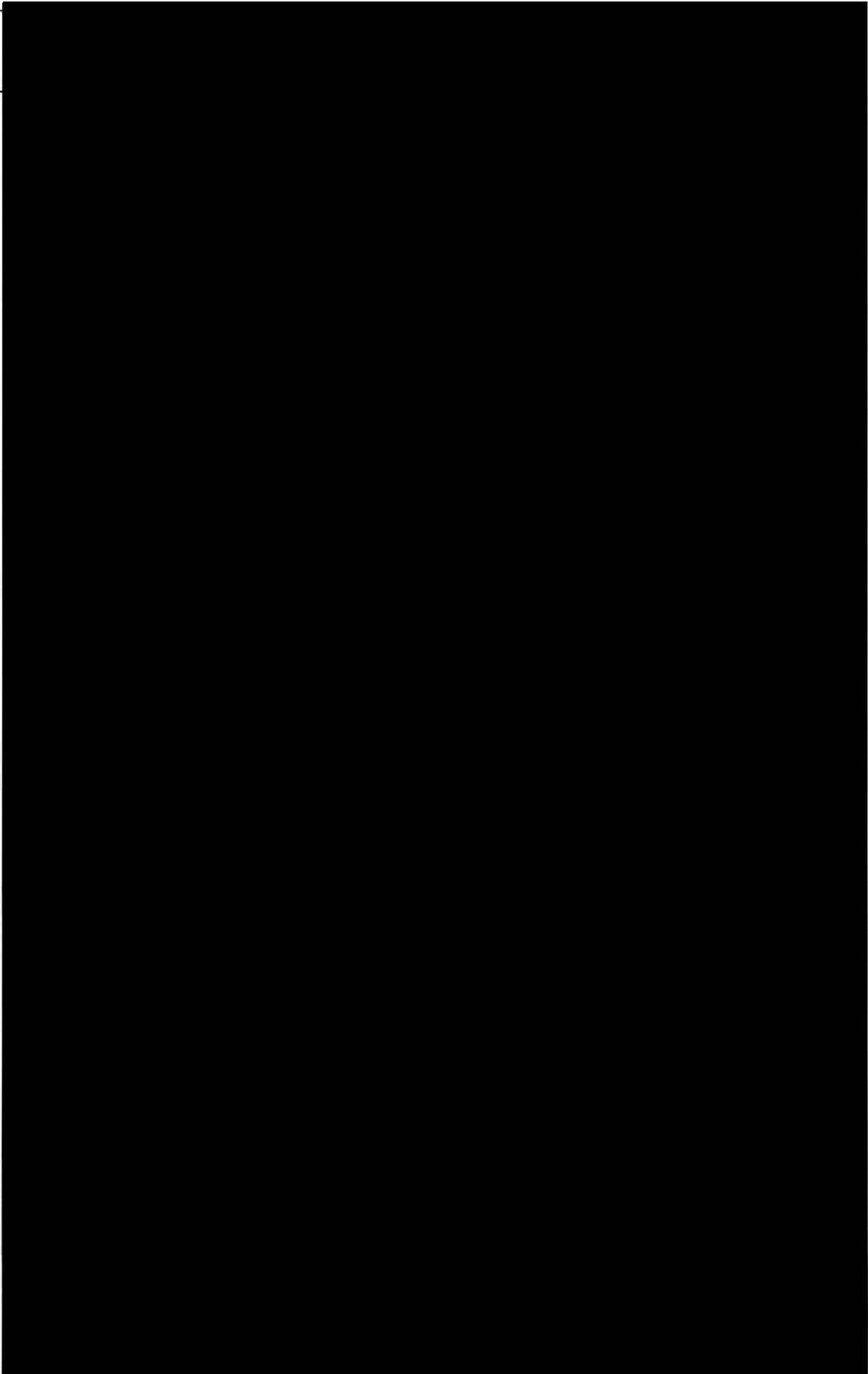
REDACTED
VERSION

RENEWABLE ENERGY CREDITS ("RECs") PURCHASE AND SALE AGREEMENT ("Agreement")

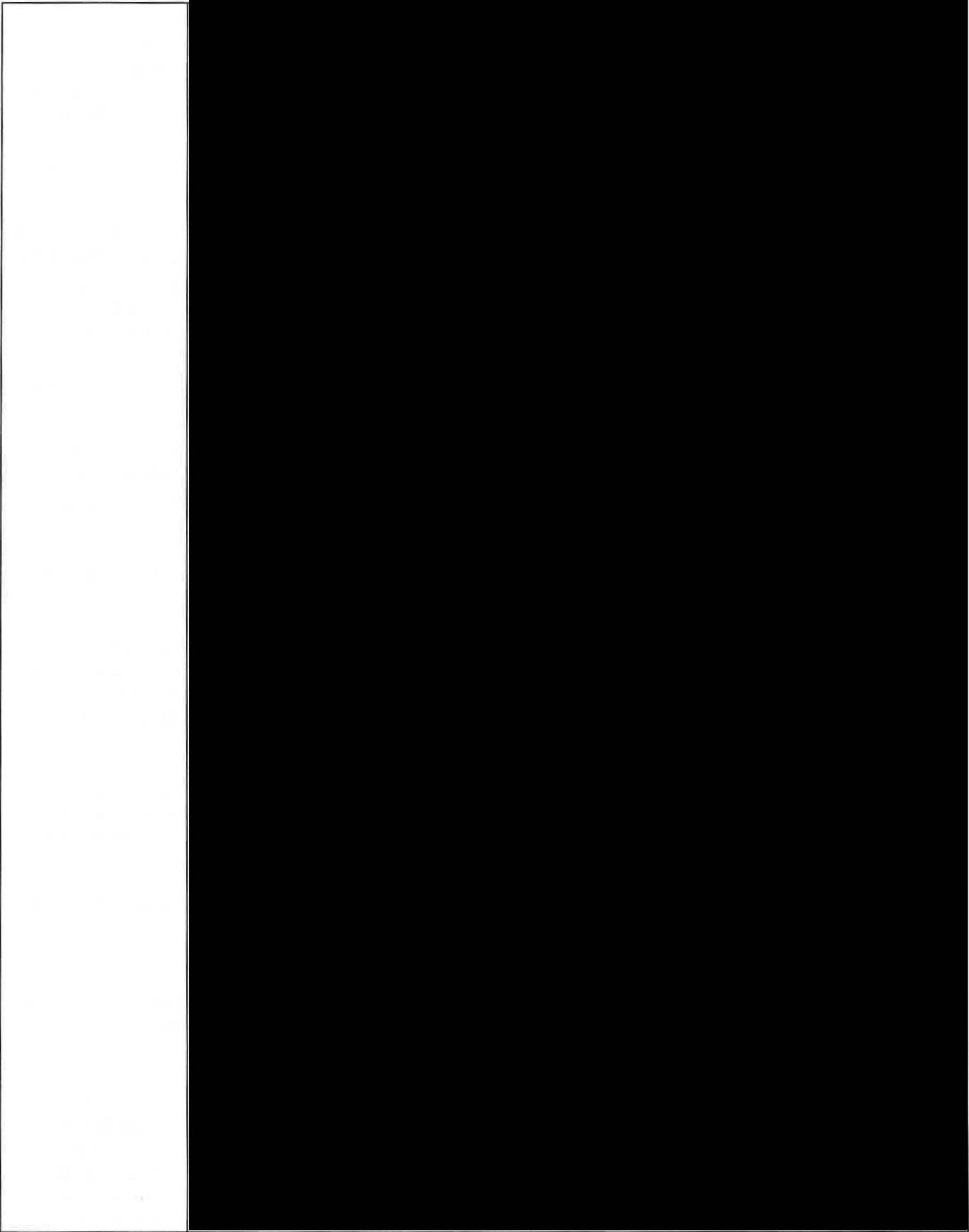
Seller:	
Seller Contact:	
Buyer:	
Buyer Contact:	
Transaction Date:	
Definitions:	
Product for Delivery to Buyer:	
Vintage:	
Quantity:	
Purchase Price:	
Transfer of RECs:	
Payment:	

**REDACTED
VERSION**

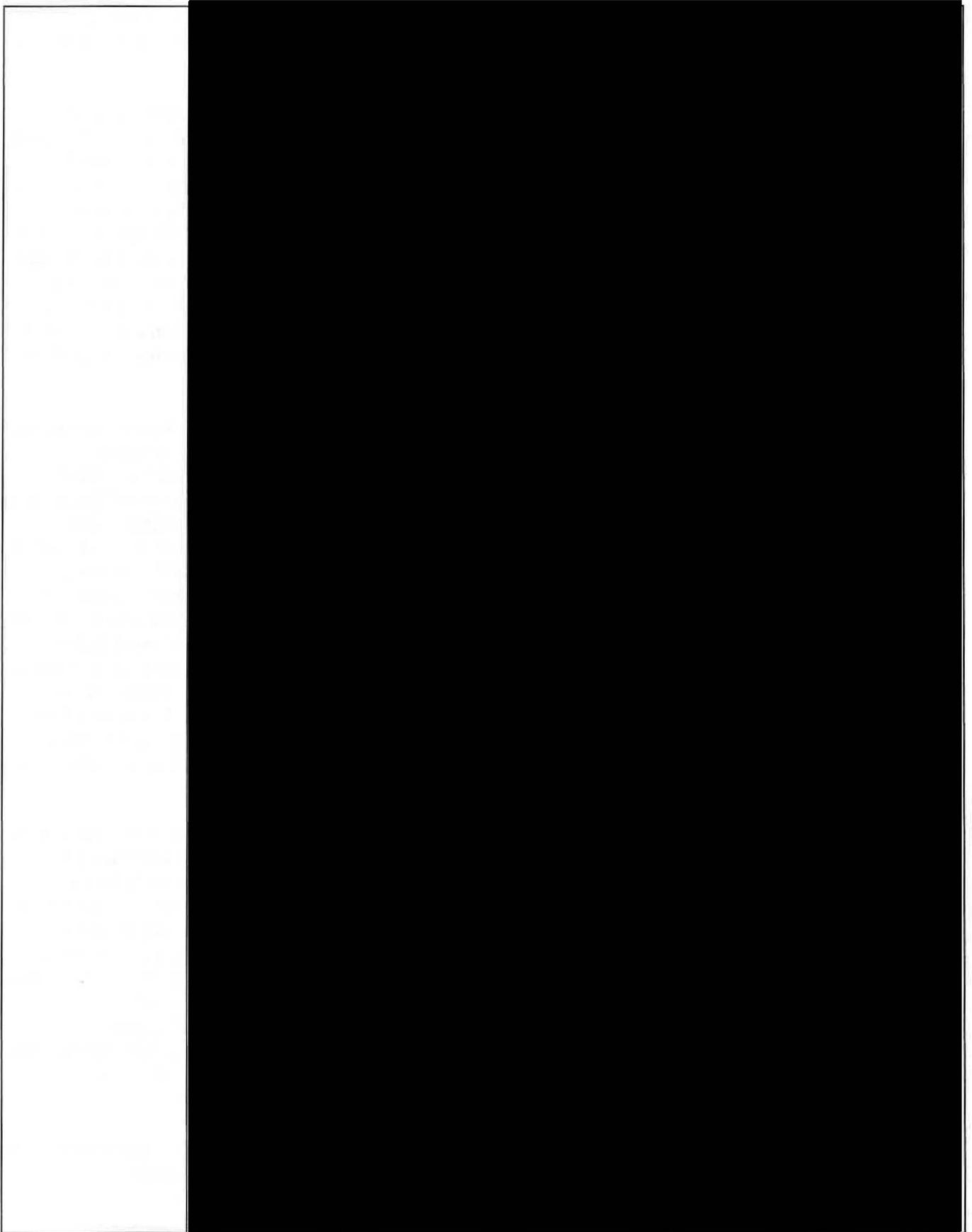
General Terms and
Conditions:



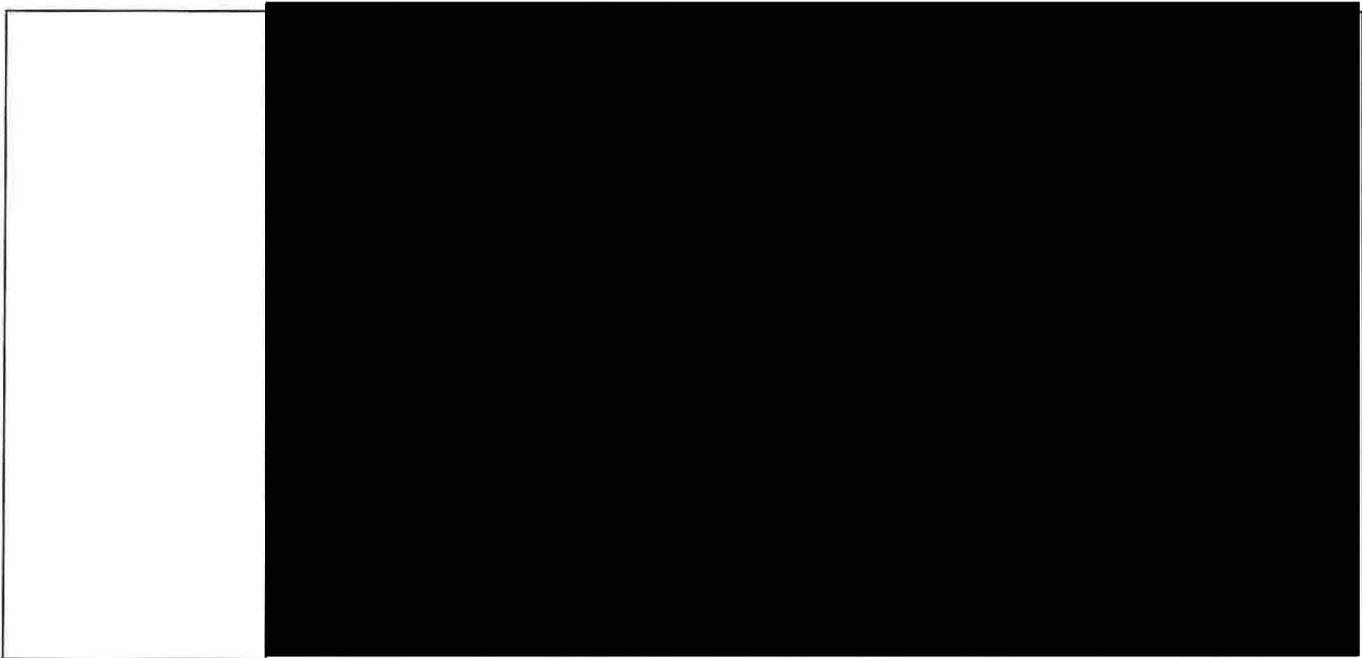
REDACTED
VERSION



REDACTED
VERSION



REDACTED
VERSION



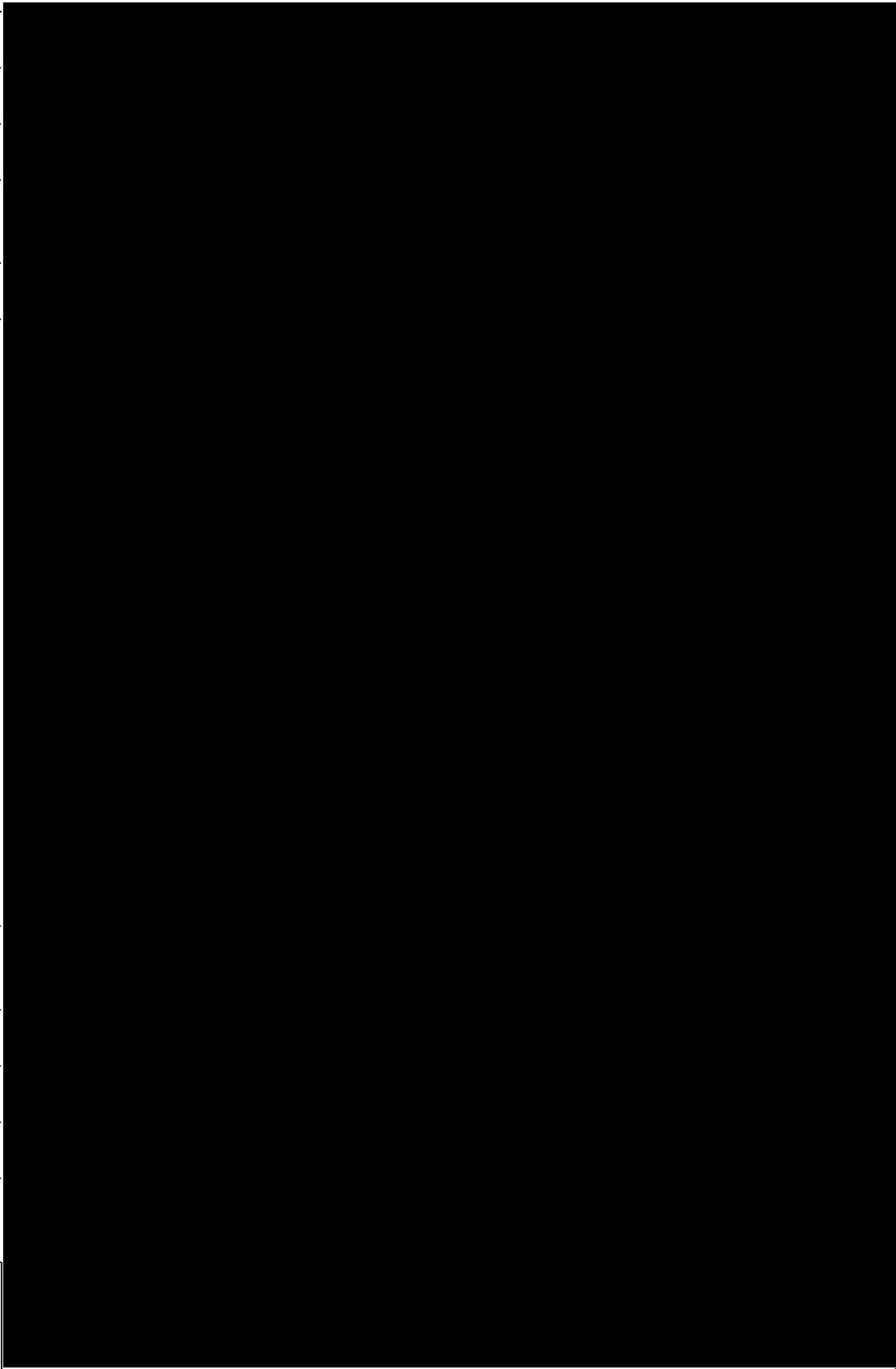
By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



REDACTED
VERSION

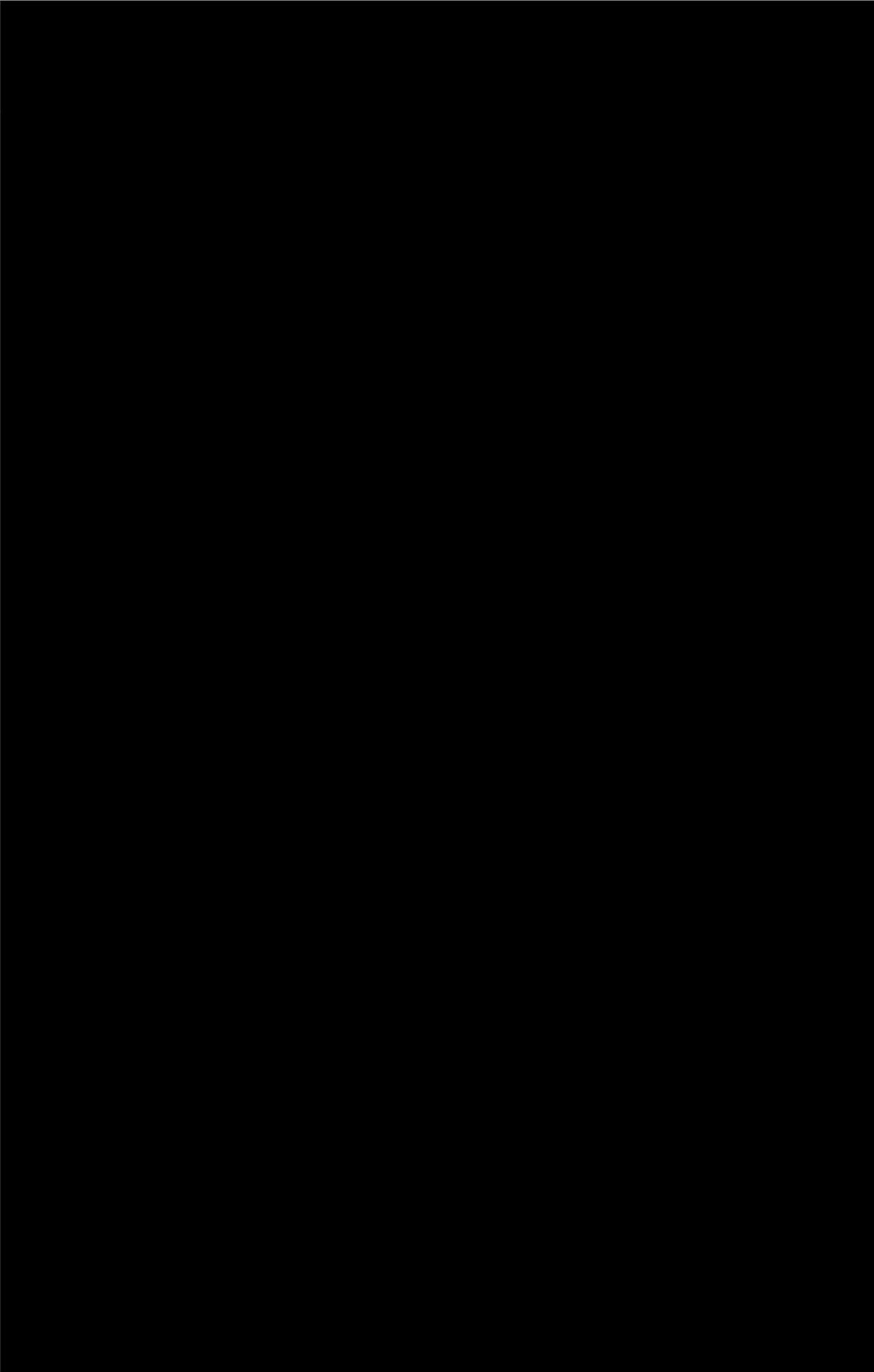
RENEWABLE ENERGY CREDITS (“RECs”) PURCHASE AND SALE AGREEMENT (“Agreement”)

Seller:
Seller Contact:
Buyer:
Buyer Contact:
Transaction Date:
Definitions:
Product for Delivery to Buyer:
Vintage:
Quantity:
Purchase Price:
Transfer of RECs:
Payment:

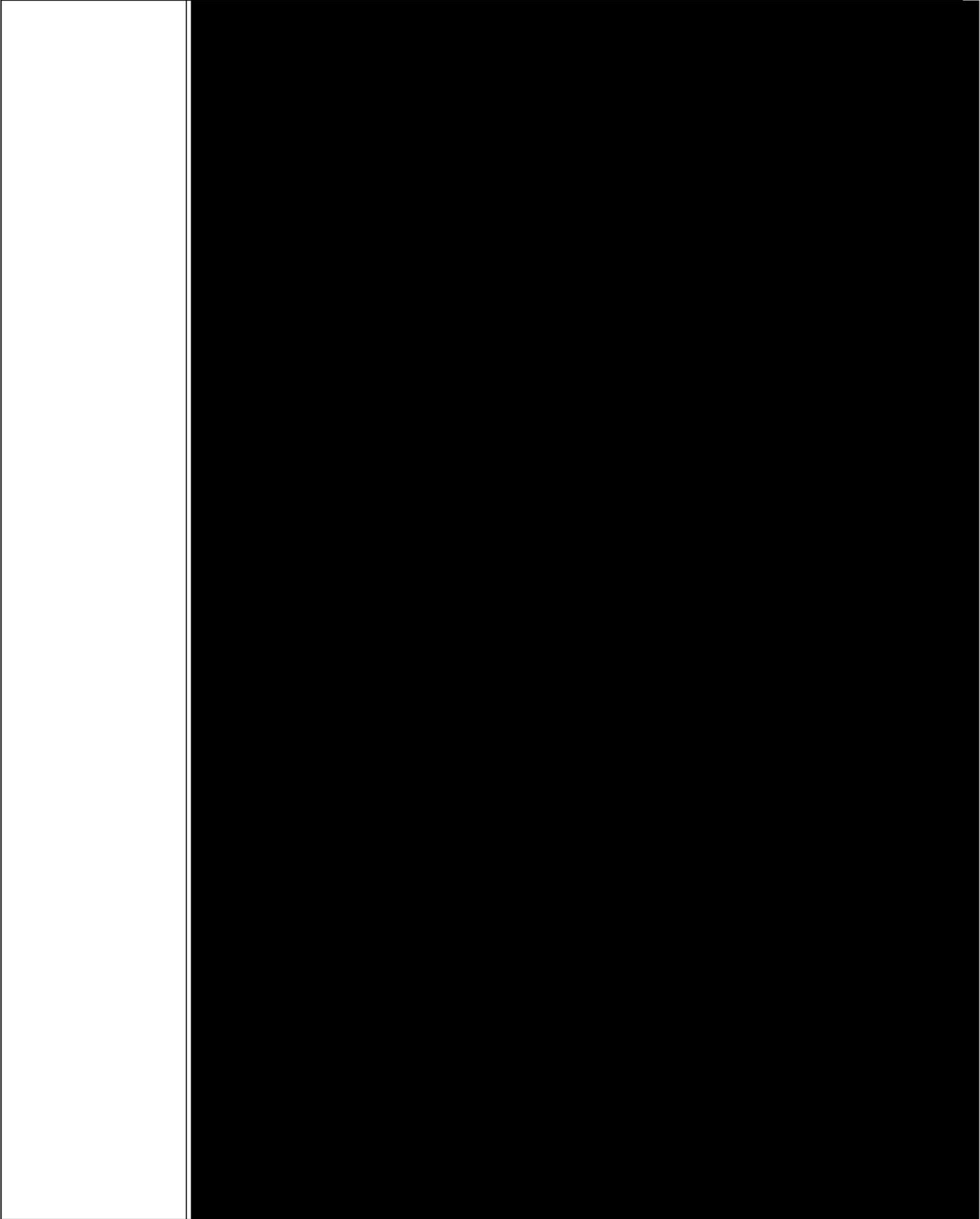


REDACTED
VERSION

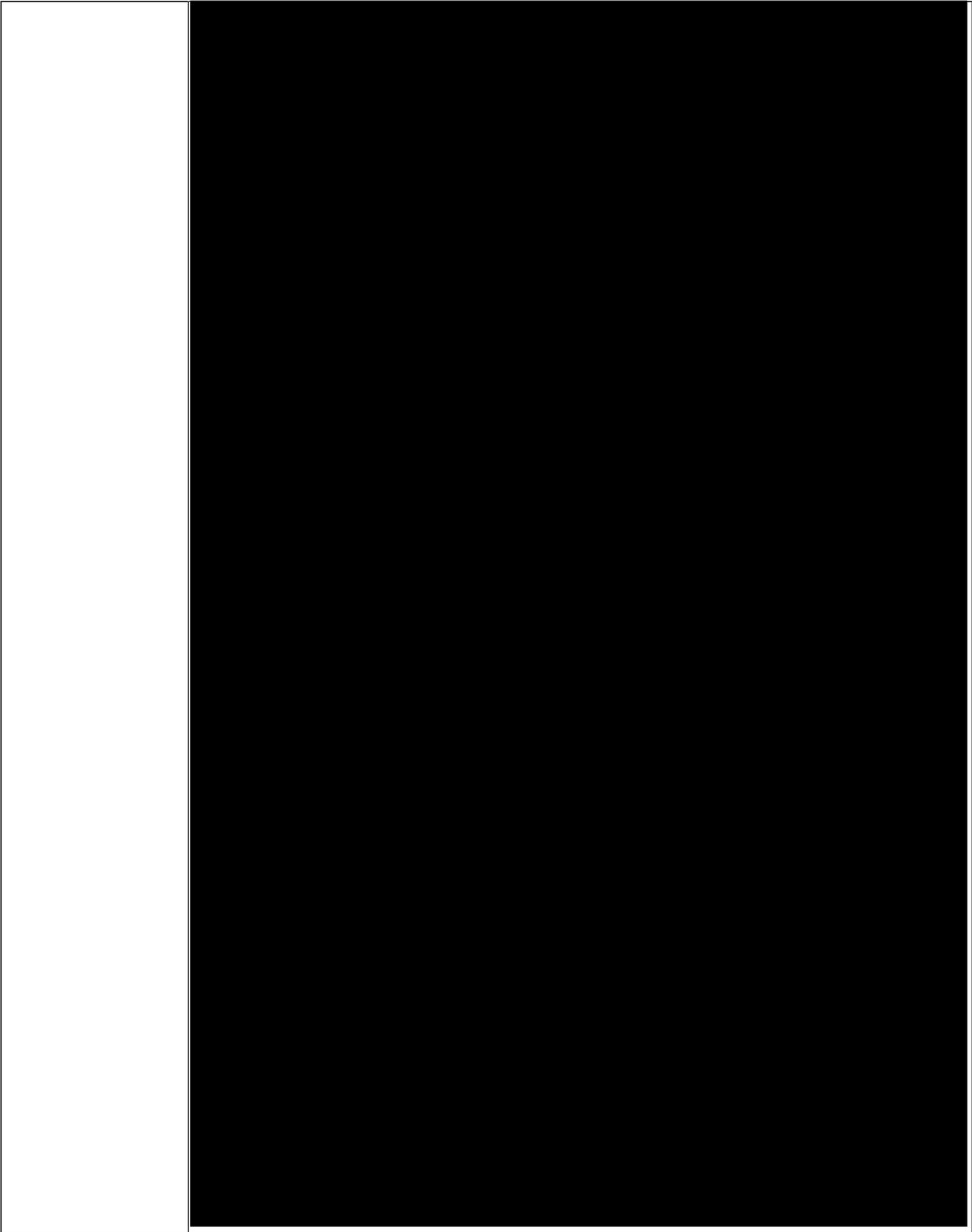
General Terms and
Conditions:



REDACTED
VERSION



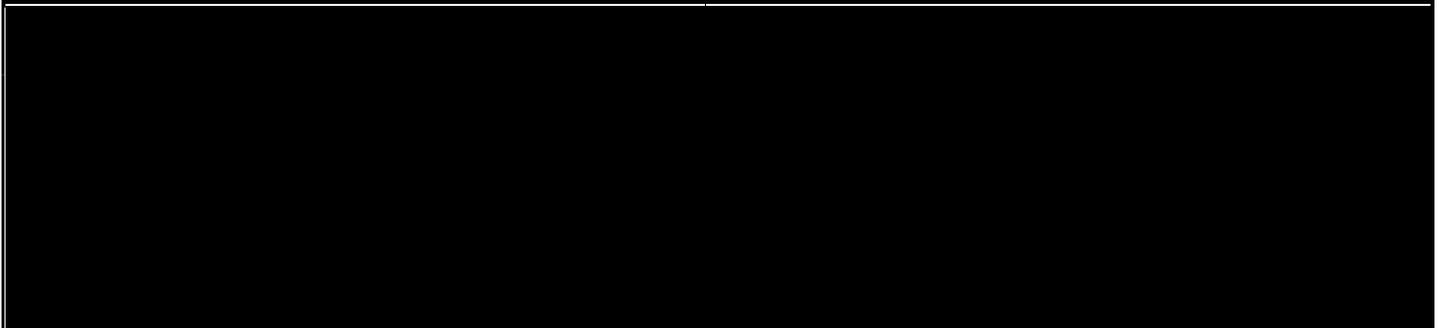
REDACTED
VERSION



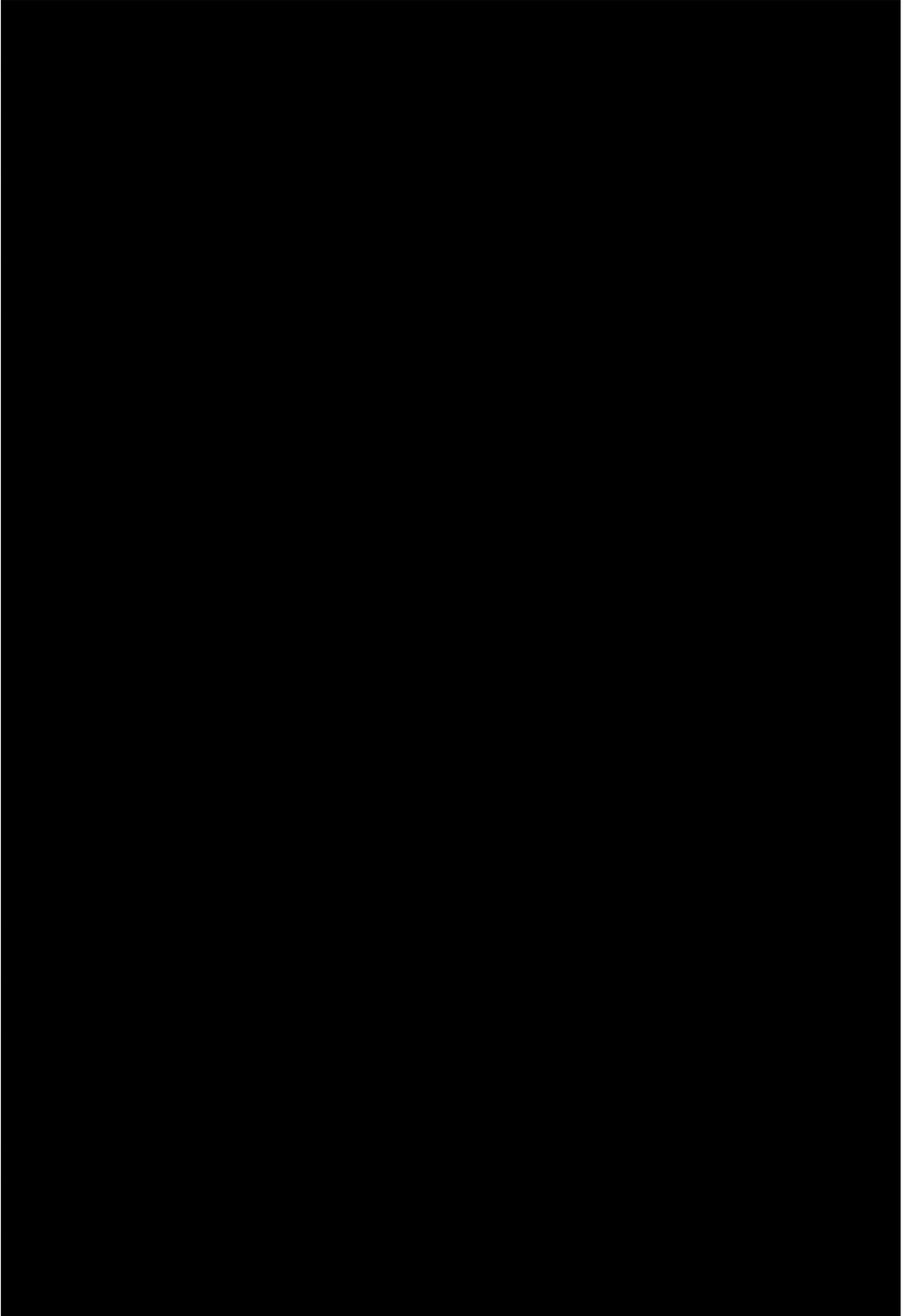
REDACTED
VERSION



By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



RENEWABLE ENERGY CREDITS (“RECs”) PURCHASE AND SALE AGREEMENT (“Agreement”)

Seller:	
Seller Contact:	
Buyer:	
Buyer Contact:	
Transaction Date:	
Definitions:	
Product for Delivery to Buyer:	
Vintage:	
Quantity:	
Facility:	
Purchase Price:	
Transfer of RECs:	

REDACTED
VERSION

Special Conditions:

Payment:

General Terms and
Conditions:

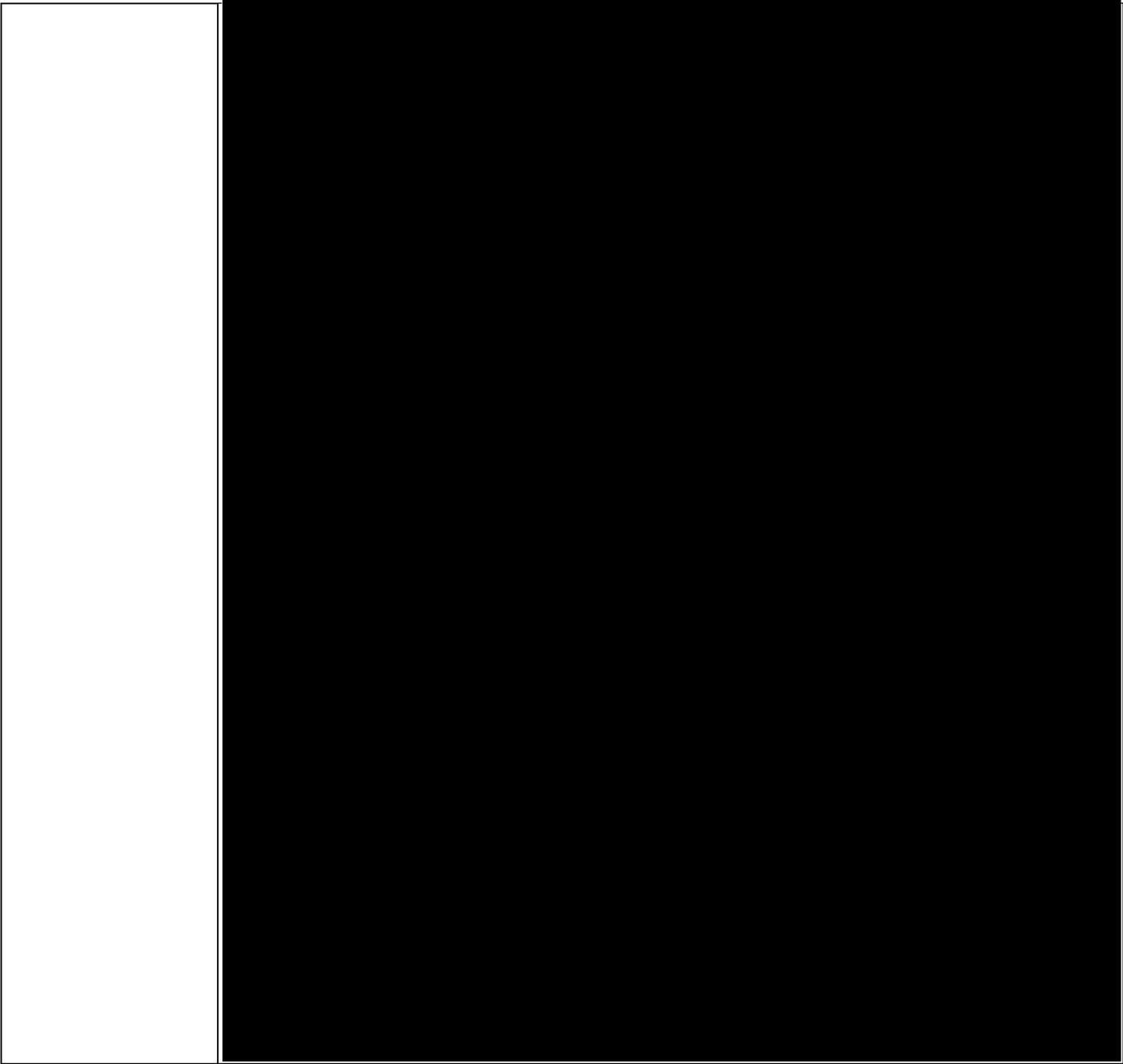
REDACTED
VERSION



REDACTED
VERSION



REDACTED
VERSION



By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



REDACTED
VERSION

POWER PURCHASE AGREEMENT

between

PUGET SOUND ENERGY, INC.

as Purchaser

and

SIERRA PACIFIC INDUSTRIES

as Seller

dated as of

January 27, 2020

**REDACTED
VERSION**

Table of Contents

	Page
ARTICLE 1 GENERAL TERMS AND CONDITIONS.....	1
1.1 Definitions.....	1
1.2 Interpretation.....	1
ARTICLE 2 SALE AND PURCHASE OF ENERGY; OPERATION	2
2.1 Purchase and Sale	2
2.2 Contract Rate	3
2.3 Attributes and Incentives	4
2.4 Purchaser Voluntary Curtailment	5
2.5 Billing and Payment.....	6
2.6 Title and Risk of Loss.....	7
2.7 Curtailment and Outages.....	7
2.8 Curtailment Notification Requirements.....	8
2.9 Interconnection and Transmission	8
2.10 Scheduling; Imbalance Charges.....	9
2.11 Sales for Resale.....	13
2.12 Facility Operations and Maintenance; Availability Reporting	13
2.13 Performance Guarantees	14
2.14 Government Approvals.....	16
2.15 Seller’s Assistance	16
2.16 Seller Extraordinary Excuse Events.....	16
ARTICLE 3 TERM.....	17
3.1 Term.....	17
3.2 Initial Term	17

3.3	Negotiation Period at End of Initial Term	17
ARTICLE 4	CREDIT SUPPORT.....	17
4.1	Credit Support.....	17
4.2	Seller Credit Event.....	18
4.3	Letter of Credit.....	18
4.4	Reporting Requirements	18
4.5	Uniform Commercial Code Waiver.....	18
ARTICLE 5	DATA, METERING AND MEASUREMENT.....	19
5.1	Metering Equipment.	19
5.2	Measurement of Delivered Energy	20
5.3	Testing and Correction.....	20
5.4	Meter Data and Records.....	22
ARTICLE 6	REPRESENTATIONS and WARRANTIES.....	22
6.1	Seller’s Representations and Warranties	22
6.2	Purchaser’s Representations and Warranties	24
ARTICLE 7	INDEMNIFICATION AND INSURANCE	25
7.1	General Indemnity	25
7.2	Insurance.....	27
ARTICLE 8	DEFAULTS AND REMEDIES; SPECIAL TERMINATION EVENTS	28
8.1	Events of Default	29
8.2	Remedies.....	29
8.3	Termination Payment Calculation	30
8.4	Special Termination Events	31
8.5	Effect of Termination.....	32

ARTICLE 9 FORCE MAJEURE; CHANGE IN LAW	32
9.1 Force Majeure Generally	32
9.2 Force Majeure Defined	33
9.3 Seller’s Rights in Event of Change in Law.....	35
ARTICLE 10 MISCELLANEOUS	36
10.1 Confidential Information	36
10.2 Successors and Assigns; Assignment	38
10.3 Change of Control of Seller	39
10.4 Notices	39
10.5 Amendments	41
10.6 Records; Audit Rights.....	41
10.7 Waivers	42
10.8 Waiver of Certain Damages; Certain Acknowledgments.....	42
10.9 Survival.....	43
10.10 Severability	43
10.11 Standard of Review.....	43
10.12 Governing Law	44
10.13 Consent to Jurisdiction.....	44
10.14 Waiver of Trial by Jury.....	44
10.15 Disputes.....	45
10.16 Specific Performance	45
10.17 No Third-Party Beneficiaries.....	45
10.18 No Agency	45
10.19 Further Assurances.....	45
10.20 Good Faith	46

10.21	Forward Contract	46
10.22	Separation of Functions	46
10.23	Captions; Construction.....	46
10.24	Entire Agreement.....	46
10.25	Counterparts; Electronic Delivery	46

Attachments:

Annex I	-	Definitions
Exhibit A	-	Contract Rate
Exhibit B	-	Attestation Form
Exhibit C	-	Form of Letter of Credit

POWER PURCHASE AGREEMENT

This POWER PURCHASE AGREEMENT (this “Agreement”) is made this 27th day of January, 2020 (the “Effective Date”), by and between Puget Sound Energy, Inc., a Washington corporation (“Purchaser”), and Sierra Pacific Industries, a California corporation (“Seller”). Purchaser and Seller are each individually referred to herein as a “Party” and collectively as the “Parties”.

WITNESSETH:

WHEREAS, Seller owns and operates a biomass fueled cogeneration generation facility with a nameplate capacity of twenty-eight (28) MW_{AC} on a site located in Skagit County, Washington; and

WHEREAS, Seller desires to sell, and Purchaser desires to purchase and receive, the Delivered Energy and Attributes from the Facility on the terms and conditions set forth herein.

NOW, THEREFORE, the Parties hereto, for good and sufficient consideration, the receipt of which is hereby acknowledged, intending to be legally bound, do hereby agree as follows:

ARTICLE 1 GENERAL TERMS AND CONDITIONS

1.1 Definitions. The capitalized terms in this Agreement shall have the meanings set forth herein, including in the definitions attached and incorporated hereto as Annex I, whether singular or plural or in the present or past tense.

1.2 Interpretation.

(a) Any reference to an agreement or document (including those set forth electronically on an internet web site) or a portion or provision thereof shall be construed as a reference to same as has been, or may be, amended, supplemented or otherwise modified and in effect from time to time;

(b) Any reference to Applicable Law and to terms defined in, and other provisions of, Applicable Law (including those set forth electronically on an internet web site) shall be references to the same (or a successor to the same) as has been, or may be, amended, supplemented or otherwise modified and in effect from time to time during the Term;

(c) Any reference to a Person shall include that Person’s successors and permitted assigns;

(d) Any reference to a Governmental Authority shall be construed as including a reference to any Governmental Authority succeeding to all or a portion of its functions and capacities during the Term;

(e) Any reference to a particular Article, Section, Exhibit or Annex shall be a reference to the relevant Article of, Section of, Exhibit to, or Annex to, this Agreement, unless specifically noted otherwise;

(f) The words “herein,” “hereafter,” “hereunder” and similar words shall be construed as a reference to this Agreement as a whole and not to any particular portion or provision of this Agreement;

(g) Words in the singular may be interpreted as referring to the plural and vice versa, and words denoting natural persons may be interpreted as referring to other types of Persons and vice versa;

(h) All accounting terms not specifically defined herein shall be construed in accordance with generally accepted accounting principles in the United States of America, consistently applied;

(i) References to this Agreement shall include a reference to all appendices, annexes, schedules and exhibits hereto, as the same may be amended, modified, supplemented or replaced from time to time;

(j) The masculine shall include the feminine and neuter and vice versa;

(k) References to “or” will be deemed to be disjunctive but not necessarily exclusive (*i.e.*, unless the context dictates otherwise, “or” will be interpreted to mean “and/or” rather than “either/or”);

(l) Whenever this Agreement refers to a number of days, such number shall refer to the number of calendar days unless Business Days are specified. A requirement that a payment be made (or an obligation be performed or a requirement be satisfied) on or by a day that is not a Business Day shall be construed as a requirement that the payment be made (or obligation be performed or requirement be satisfied) on or by the next following Business Day; and

(m) Whenever the term “include,” “includes” or “including” is used herein, such term shall be deemed to be followed by the words “without limitation” and construed as being illustrative and inclusive of but not exhaustive or limited to the items that follow.

ARTICLE 2 SALE AND PURCHASE OF ENERGY; OPERATION

2.1 Purchase and Sale.

(a) In accordance with the terms and conditions hereof, commencing on the Delivery Term Start Date and continuing during each hour through the remainder of the Term, Seller shall sell and deliver to Purchaser at the Delivery Point and Purchaser shall purchase and

accept from Seller at the Delivery Point all Net Electrical Output from the Facility together with all Attributes associated therewith; provided, however, that in no event shall Seller deliver, nor shall Purchaser be obligated to accept, Energy in excess of that generated by the Contract Capacity. All Energy delivered to the Delivery Point from the Contract Capacity is referred to herein as “Delivered Energy”.

(b) In no event shall Seller have the right (i) to procure any element of the Delivered Energy or Attributes from sources other than the Facility for sale or delivery to Purchaser under this Agreement, or (ii) except for in accordance with Section 2.3(c), sell Energy or Attributes from the Facility to any other person.

(c) At its sole discretion, Purchaser may re-sell or use for another purpose all or a portion of the Delivered Energy and Attributes. Purchaser will have exclusive rights to offer, bid, or otherwise submit the Delivered Energy and Attributes from the Facility for re-sale in the market, and retain and receive any and all related revenues.

2.2 Contract Rate.

(a) Purchaser shall pay Seller an amount equal to the applicable Contract Rate set forth in Exhibit A multiplied by each MWh of Delivered Energy (rounded to the third decimal point) during the period from and including the Delivery Term Start Date and continuing throughout the Term. The Contract Rate shall not be subject to adjustment on account of any tariff, regulatory, market or other similar changes. For sake of clarity, except as provided in Section 2.2(c) below with respect to Washington State and Local Taxes, as between the Parties, Seller shall be responsible for any and all costs or charges imposed on or allocated to Seller or the Facility by any Governmental Authority.

(b) Without limiting the right and obligation of Purchaser to buy Delivered Energy and Attributes from Seller in accordance with the provisions of this Agreement, this Agreement shall not be interpreted to create any ownership or proprietary rights in the Facility in favor of Purchaser, and Purchaser hereby disclaims any right, title or interest in any part of the Facility.

(c) In addition to the amounts otherwise payable by Purchaser in accordance with this Section 2.2, Purchaser and Seller agree that the sale of Energy is exempt from Washington State and Local Sales and Use Taxes pursuant to RCW 82.08.950 and the sale of Attributes is not subject to Washington State or Local Sales and Use Taxes. In the event the sale of Energy or Attributes becomes subject to Washington State or Local Sales and Use Taxes, Purchaser shall pay (and shall indemnify and hold harmless Seller on an After-Tax Basis from and against) any and all Washington State or Local Sales and Use Taxes arising out of or with respect to the purchase or sale of Delivered Energy or Attributes that are imposed by any taxing authority at or after the Delivery Point (regardless of whether such Washington State or Local Sales and Use Taxes are imposed on Purchaser or Seller), together with any interest, penalties or additions to tax

payable with respect to such Washington State or Local Sales and Use Taxes. Seller shall pay (and shall indemnify and hold Purchaser harmless on an After-Tax Basis from and against) all other taxes, including taxes arising out of or with respect to the purchase or sale of Delivered Energy or Attributes that are imposed by any taxing authority prior to the Delivery Point, taxes based on or measured by net income, business and occupation taxes, property taxes, replacement taxes or special assessments that may be levied upon the Facility as well as state or local sales taxes applicable to the construction, maintenance, repair or operation of the Facility, together with any interest, penalties or additions to tax payable with respect thereto.

2.3 *Attributes and Incentives*

(a) Purchaser shall be entitled to, for no additional consideration, all Attributes, regardless of when such Attributes may come into existence or be acquired by Seller. Seller will use commercially reasonable efforts, including complying with all applicable registration and reporting requirements, and executing any and all documents or instruments reasonably necessary to cause the Facility to qualify for all applicable Attributes available throughout the Term of this Agreement, at Seller's cost and expense. Seller shall make such filings and take such other actions as Purchaser may from time to time reasonably request in order to preserve and maintain the Attributes made available to Purchaser hereunder in accordance with the applicable standards and to otherwise enable Purchaser to use, sell and transfer such Attributes in accordance with market standards.

(b) Seller shall, at Seller's sole cost and expense, take all necessary steps and actions prior to the Delivery Term Start Date to allow the Generation Attributes that will be transferred to Purchaser pursuant to this Agreement to be tracked in WREGIS. Seller shall, at Seller's sole cost and expense, register the Facility in WREGIS as an eligible renewable resource for Washington and California. Commencing on the Delivery Term Start Date and continuing through the end of the Term, Seller shall, at Seller's sole cost and expense, comply with all applicable WREGIS operating rules and maintain its registration in WREGIS for the Facility. During the Delivery Term, Seller shall, at Seller's sole cost and expense, deliver and convey the Attributes associated with the Delivered Energy delivered to Purchaser within ten (10) Business Days after the end of the month in which the WREGIS certificates for such Attributes are created. In the event that during the Term WREGIS is not available as a means for transferring any of the Attributes to Purchaser, Seller shall (i) arrange for an alternative mutually acceptable method of assigning to Purchaser all rights and authority necessary for Purchaser to register, hold, and manage such Attributes in Purchaser's own name and for Purchaser's account and (ii) execute and deliver to Purchaser on a quarterly basis the attestation form attached hereto as ExhibitB ("Attestation Form") or such other documentation as may be required verifying the assignment of the Attributes to Purchaser pursuant to this Agreement.

(c) In the event of a change in Applicable Law which prevents Seller from assigning Attributes to Purchaser notwithstanding the requirements hereof, if Seller realizes the monetary value of such Attributes from any source other than Purchaser under this Agreement,

Seller shall, within thirty (30) days of actual receipt, pay to Purchaser the amount that Seller actually receives (net of any costs, taxes or expenses Seller incurs to receive such amounts) as a result of its ownership of the applicable Attributes. Seller shall use commercially reasonable efforts to maximize the value received by Seller with respect to any such Attributes.

(d) Unless required by Applicable Law (in which case Seller shall notify Purchaser of such requirement a reasonable time prior to compliance therewith), Seller shall not report to any Person that the Attributes belong to any Person other than Purchaser, and Purchaser may report under any such program that the Attributes belong to Purchaser. Seller shall maintain and make available to Purchaser all statements and records reasonably required to properly document compliance with Seller's obligations to Purchaser with respect to the Attributes.

(e) Seller shall provide such additional documents and instruments as are reasonably requested by Purchaser to effect or evidence transfer of the Attributes to Purchaser or its designees. Each Party shall promptly give to the other Party copies of all documents it submits to any Governmental Authority to effectuate or record any such transfers.

(f) Seller shall be entitled to all Incentives relating in any way to the Facility. Purchaser acknowledges that Seller has the right to sell any Incentives to which it is entitled pursuant to this Section 2.3(f) to any Person other than Purchaser at any rate and upon any terms and conditions that Seller may determine in its sole discretion, without liability to Purchaser for or with respect to any such sale. Purchaser shall have no claim, right or interest in such Incentives or in any amount that Seller realizes from the sale of such Incentives.

2.4 *Purchaser Voluntary Curtailment.*

(a) Except as otherwise provided in this Section 2.4, in the event that Seller is required by a Purchaser Voluntary Curtailment to curtail energy deliveries from the Facility below the Scheduled Energy, Purchaser shall pay to Seller, as Seller's sole remedy, the applicable Contract Rate for any Deemed Energy attributable to such Purchaser Voluntary Curtailment. Seller shall provide Purchaser access to information reasonably necessary to verify Seller's determination of Deemed Energy for any applicable Purchaser Voluntary Curtailment. For sake of clarity, Purchaser shall be entitled to issue a Purchaser Voluntary Curtailment Order at any time during the months of May and June without any liability resulting therefrom. Purchaser shall not be entitled to issue a Purchaser Voluntary Curtailment Order at any time during the months of November, December, January or February. In no event shall Seller be required by any Purchaser Voluntary Curtailment to curtail deliveries below the Minimum Contract Capacity.

(b) Purchaser shall give Seller not less than two (2) hours' advance notice of any Purchaser Voluntary Curtailment, and Seller shall be permitted to commence ramping down the output of the Facility in the hour preceding the hour in which Purchaser has requested that such Purchaser Voluntary Curtailment commence. In addition, at the end of any such Purchaser Voluntary Curtailment, Seller shall have one (1) hour to ramp up the output of the Facility to the

Scheduled Energy. For sake of clarity, all amounts of Energy not delivered as a result of any of the foregoing ramping of the output of the Facility during the hour preceding and the hour following the requested period of the Purchaser Voluntary Curtailment shall be included in the calculation of Deemed Energy for such Purchaser Voluntary Curtailment. If Purchaser issues a Purchaser Voluntary Curtailment Order with less than three (3) hours' advance notice, and as a result thereof and notwithstanding Seller's reasonable efforts to avoid them, Seller incurs imbalance charges in order to comply with such Purchaser Voluntary Curtailment Order, then Purchaser shall indemnify Seller for the amount of any such imbalance charges.

2.5 Billing and Payment. Billing and payment for Delivered Energy sold to and purchased by Purchaser under this Agreement and any other amounts due and payable hereunder shall be as follows:

(a) Seller shall calculate the amount of Delivered Energy (and Deemed Energy attributable to any Purchaser Voluntary Curtailment) hereunder following the last Day of each calendar month and on the last Day of the Term, if not the last Day of the month. No later than the tenth (10th) Day of each calendar month, Seller shall deliver to Purchaser an electronic invoice showing: (i) the amount of Delivered Energy delivered to the Delivery Point by Seller during the preceding calendar month (or in the case of the final year of the Term, the last calendar month or portion thereof of the Term), (ii) Seller's computation of the amount due Seller in respect thereof pursuant to Section 2.2(a), and (iii) any other amounts owed by one Party to the other Party pursuant to this Agreement, including pursuant to Section 2.13. Not more than twenty (20) Days after receipt of each timely delivered invoice, Purchaser shall pay to Seller, by wire transfer of immediately available funds to an account specified in writing by Seller or by any other means agreed to by the Parties in writing from time to time, the undisputed amount set forth as due in such invoice.

(b) Within two (2) years after receipt of any invoice, either Party may provide written notice to the other Party of any alleged error therein and the Parties shall meet, by telephone conference call or otherwise within ten (10) Days of the other Party's receipt of such notice, for the purpose of attempting to resolve the Dispute. If Purchaser in good faith disputes any portion of the charges contained in an invoice, Purchaser will pay the undisputed portion and may withhold the disputed portion of the invoice in accordance with Section 2.5(c). If the Parties are unable to resolve the Dispute within thirty (30) Days after such initial meeting, then either Party may proceed to seek any remedy that may be available to such Party at law or in equity.

(c) If Purchaser in good faith disputes an invoice, Purchaser shall provide Seller with a written explanation specifying in detail the basis for the dispute, and Purchaser shall pay the undisputed portion of the invoice in accordance with this Section 2.5. Following resolution of a payment dispute, any previously disputed charges or payments shall be due or creditable, as the case may be, on the date of issuance of the invoice for the next calendar month following resolution of the dispute and shall be deducted from or added to (as applicable) any sums due for such calendar month from the owing Party. Any payment not made by the date required by this

Agreement shall bear interest from the date on which such payment was required to have been made through and including the date such payment is actually received at an annual rate equal to the Prime Rate then in effect plus one percent (1%), but in no event shall such interest exceed the maximum interest rate permitted by Applicable Law (“Late Payment Rate”). If, as a result of a Dispute settled in favor of Purchaser, a refund is owed to Purchaser, then the amount of the overpayment shall bear interest from the date on which such payment was made by Purchaser through and including the date that the overpayment is refunded by Seller at an annual rate equal to the Late Payment Rate.

(d) Statements or invoices shall be sent to Purchaser by electronic mail to the electronic mail address designated in Section 10.4. Purchaser may change the electronic mail address by providing written notice to Seller.

(e) To the extent that at the end of the Term, after offsetting all amounts owed by Purchaser to Seller, Seller owes any amount to Purchaser, Seller shall pay such amount to Purchaser within thirty (30) days after the expiration of the Term.

2.6 Title and Risk of Loss. Title to and risk of loss with respect to Delivered Energy and Attributes delivered to Purchaser by Seller in accordance with this Agreement shall pass from Seller to Purchaser when the same are delivered by Seller for the benefit of Purchaser at the Delivery Point. Title and risk of loss with respect to Attributes that are not capable of being delivered to the Delivery Point (*e.g.*, renewable energy credits) shall pass from Seller to Purchaser when the same first come into existence. Until title passes, Seller shall be deemed in exclusive control of the same and shall be responsible for any damage or injury caused thereby. After title to the Delivered Energy or Attributes passes from Seller to Purchaser, Seller shall no longer be in control of same, shall have no further obligations with respect thereto, and shall not be responsible for any damage or injury caused thereby. Seller represents and warrants to Purchaser on a continuing basis that (i) it has not sold, pledged, assigned, transferred or otherwise disposed of, and will not sell, pledge, assign, transfer or otherwise dispose of, any of the Energy or Attributes to any Person other than Purchaser (subject to the provisions of Section 2.4 hereunder), and (ii) that it will deliver to Purchaser the Energy and Attributes free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any Person (other than any Person claiming through Purchaser) arising prior to the Delivery Point.

2.7 Curtailment and Outages.

(a) Notwithstanding any other provision of this Agreement to the contrary, Seller may curtail deliveries of Energy if and for so long as Seller reasonably believes that curtailment is necessary:

- (i) For a Planned Outage;
- (ii) For a Forced Outage; or

(iii) In connection with a condition likely to result in significant damage to Seller's equipment or if Seller otherwise deems such curtailment necessary to protect life or property.

(b) Subject to Section 2.4, Seller shall curtail deliveries of Energy from the Facility as required pursuant to a Purchaser Voluntary Curtailment Order or System Curtailment Order, or as otherwise directed by a Transmission Provider or Balancing Authority.

(c) Seller may curtail deliveries of Energy in the event that Seller is unable to deliver such Energy due to a Force Majeure event but only for so long and only to the extent necessitated by such Force Majeure event.

(d) Seller may curtail deliveries of Energy as a result of a Seller Compliance Curtailment.

2.8 *Curtailment Notification Requirements.*

(a) To the extent Seller has knowledge of the curtailment of the delivery of Energy, Seller shall provide notice of such curtailment to Purchaser as soon as reasonably practicable. To the extent Purchaser has knowledge of the curtailment of the delivery of Energy, Purchaser shall provide notice of such curtailment to Seller as soon as reasonably practicable.

(b) Seller is responsible for securing any required Transmission Provider approvals for Planned Outages, including securing changes in its outage schedules when Transmission Provider disapproves Seller's schedules or cancels previously approved outages. Seller shall communicate any Transmission Provider-required changes to Purchaser in a timely manner.

(c) Seller shall notify Purchaser, via telephone to a number specified by Purchaser or by e-mail or other form acceptable to Purchaser, of any Forced Outage as soon as practicable, but not longer than fifteen (15) minutes after the occurrence thereof, and shall provide, to the extent information is available, notice of the reason, timing, and expected duration of the Forced Outage, and the impact of the Forced Outage on the Energy output of the Facility. No later than five (5) Business Days after the occurrence of a Forced Outage, Seller shall provide to Purchaser, in a form reasonably acceptable to Purchaser, a report of the Forced Outage, which shall include the cause of the outage, the duration (or expected duration) of the outage, the impact of the outage on the Facility and any remedial or corrective plans of Seller.

2.9 *Interconnection and Transmission.*

(a) Seller's Transmission Service Obligations. During the Delivery Term:

(i) Seller shall arrange and pay independently for any and all necessary electrical interconnection, distribution or transmission (and any regulatory approvals

required for the foregoing), sufficient to allow Seller to deliver the Delivered Energy to the Delivery Point pursuant to the terms of this Agreement.

(ii) Seller shall bear all risks and costs associated with such transmission service, including, but not limited to, any transmission outages or curtailment to the Delivery Point.

(b) Purchaser's Transmission Service Obligations. During the Delivery Term:

(i) Purchaser shall arrange and be responsible for transmission service at and from the Delivery Point.

(ii) Purchaser shall bear all risks and costs associated with such transmission service, including, but not limited to, any transmission outages or curtailment from the Delivery Point.

(iii) Purchaser shall be responsible for all Transmission Provider costs and charges, electric transmission losses and congestion at and from the Delivery Point.

(c) In the event that: (i) Transmission Provider takes any action or orders Purchaser or Seller to take any action (not arising from Seller's failure to comply with Applicable Law, Prudent Operating Practices or this Agreement) that affects Purchaser's ability to take delivery of Delivered Energy hereunder, then Purchaser shall use commercially reasonable efforts (at its own cost and expense) to mitigate the adverse effects of such action(s) on Purchaser's ability to perform its obligations hereunder, or (ii) Transmission Provider takes any action or orders Purchaser or Seller to take any action (not arising from Purchaser's failure to comply with Applicable Law, Prudent Operating Practices or this Agreement) that affects Seller's ability to deliver Scheduled Energy hereunder to the Delivery Point, then Seller shall use commercially reasonable efforts (at its own cost and expense) to mitigate the adverse effects of such action(s) on Seller's ability to perform its obligations hereunder. The Parties acknowledge that upon such order to curtail transmission service it may be difficult or impossible for the Parties to mitigate the adverse effects of such action(s).

2.10 Scheduling; Imbalance Charges.

(a) Scheduling; Imbalance Charges

(i) Seller shall be responsible for arranging all scheduling services necessary to ensure compliance with applicable WECC or other power scheduling regulations and protocols to the Delivery Point, and shall be further responsible for all costs and charges, including imbalance charges arising prior to or at the Delivery Point, due to deviations from the "schedule" except to the extent caused by Purchaser. From and after the commencement of deliveries of Delivered Energy, and thereafter each hour during the Term, Seller shall schedule for delivery to the Delivery Point a quantity of energy equal to

Seller's good faith estimate of the actual quantity of Delivered Energy that Seller expects to be delivered to the Metering Point. Scheduling shall occur, consistent with applicable WECC or other power scheduling and protocols, on a prescheduled "day-ahead" basis.

(ii) Purchaser shall be responsible for arranging all scheduling services necessary to ensure compliance with applicable WECC or other power scheduling regulations and protocols at and after the Delivery Point, and shall be further responsible for all costs and charges, including imbalance charges, arising after the Delivery Point, due to deviations from the "schedule" except to the extent caused by Seller.

(iii) The Parties shall use commercially reasonable efforts to minimize any imbalance charges.

(b) Scheduling Coordinator. The Parties agree that the Facility is not currently a PSE EIM Participating Resource, and that the Parties expect that the Facility will not be a PSE EIM Participating Resource at any time during the Delivery Term. Nonetheless, in the event that the Facility does become a PSE EIM Participating Resource at any time during the Delivery Term, Purchaser shall act as the Scheduling Coordinator for the Facility at no additional cost to Seller for such services. In that regard, Purchaser and Seller shall agree to the following:

(i) Designation as Scheduling Coordinator.

(A) At least ninety (90) days before the beginning of the Delivery Term Seller shall take all actions and execute and deliver to Purchaser all documents necessary to authorize or designate Purchaser as Seller's Scheduling Coordinator, and Purchaser shall take all actions and execute and deliver to Seller and Transmission Provider all documents necessary to become and act as Seller's Scheduling Coordinator. If Purchaser designates a Third-Party Scheduling Coordinator, then Purchaser shall give Seller notice of such designation at least ten (10) Business Days before the Third Party Scheduling Coordinator assumes Scheduling Coordinator duties hereunder, and Seller shall be entitled to rely on such designation until it is revoked or a new Third Party Scheduling Coordinator is appointed by Purchaser upon similar notice. Purchaser shall be fully responsible for all acts and omissions of Third Party Scheduling Coordinator and for all cost, charges and liabilities incurred by Third Party Scheduling Coordinator to the same extent that Purchaser would be responsible under this Agreement for such acts, omissions, costs, charges and liabilities if taken, omitted or incurred by Purchaser directly.

(B) Seller shall not authorize or designate any other party to act as Scheduling Coordinator, nor shall Seller perform, for its own benefit, the duties of Scheduling Coordinator during the Delivery Term.

(ii) Purchaser’s Responsibilities as Scheduling Coordinator. Purchaser or Third Party Scheduling Coordinator shall comply with all obligations as Seller’s Scheduling Coordinator under the applicable OATT and shall conduct all scheduling in full compliance with the terms and conditions of this Agreement and the applicable OATT, all requirements of and protocols and scheduling practices for Energy on a “Day-Ahead” basis or pursuant to the “Hour-Ahead Scheduling Process,” as such terms are defined in the applicable OATT.

(iii) Available Capacity Forecasting. Seller shall provide the Available Capacity forecasts described below. Seller shall use commercially reasonable efforts to forecast the Available Capacity accurately and to transmit such information in a format reasonably acceptable to Purchaser. Purchaser and Seller shall agree upon reasonable changes to the requirements and procedures set forth below from time-to-time, as necessary to comply with changes to the applicable OATT, accommodate changes to their organizational structure and address changes in the operating and scheduling procedures of Purchaser, Third Party Scheduling Coordinator (if applicable) and the Transmission Provider, including but not limited to automated forecast and outage submissions.

(A) Annual Forecast of Available Capacity. No later than (I) one hundred and eighty (180) days before the first day of the first Contract Year of the Delivery Term, and (II) on or before July 1 of each calendar year for every subsequent Contract Year during the Delivery Term, Seller shall provide to Purchaser and Third Party Scheduling Coordinator (if applicable) a non-binding forecast of the hourly Available Capacity for each day in each month of the following calendar year in a form reasonably acceptable to Purchaser.

(B) Monthly Forecast of Available Capacity. Thirty (30) days before the commencement of the Delivery Term and thirty (30) days before each subsequent month of the Delivery Term, Seller shall provide to Purchaser and Third Party Scheduling Coordinator (if applicable) a non-binding forecast of the hourly Available Capacity for each day of the following month in a form reasonably acceptable to Purchaser.

(C) Daily Forecast of Available Capacity. During the Delivery Term, Seller or Seller’s agent shall provide a binding day ahead forecast of Available Capacity (the “*Day-Ahead Availability Notice*”) to Purchaser or Third Party Scheduling Coordinator (as applicable) via email for each day no later than 6:00 AM of the day before the beginning of the “Preschedule Day” (as defined by the WECC) for such day. The capacity forecasted in the Day-Ahead Availability Notice will be the scheduled output of the Project. The current industry standard Preschedule Day timetable in the WECC is as follows:

(1) Monday – Preschedule Day for Tuesday

- (2) Tuesday – Preschedule Day for Wednesday
- (3) Wednesday – Preschedule Day for Thursday
- (4) Thursday – Preschedule Day for Friday and Saturday
- (5) Friday – Preschedule Day for Sunday and Monday

Exceptions to this standard Monday through Friday Preschedule Day timetable are presently set forth by the WECC in order to accommodate holidays, monthly transitions and other events. Exceptions are posted on the WECC website (www.wecc.biz) under the document title, “Preschedule Calendar.” Each Day-Ahead Availability Notice shall clearly identify, for each hour, Seller’s forecast of all amounts of Available Capacity pursuant to this Agreement. If the Available Capacity changes by at least one (1) MW as of a time that is less than fourteen (14) hours prior to the Preschedule Day then Seller must notify Purchaser of such change by telephone and shall send a revised notice to Purchaser in accordance with Section 10.4. Such notices shall contain information regarding the beginning date and time of the event resulting in the change in Available Capacity, the expected end date and time of such event, the expected Available Capacity in MW (AC), and any other necessary information.

Day-Ahead Desk

Primary Telephone: (425) 462-3291

Backup Telephone: (425) 462-3343

Backup Telephone: (425) 462-3421

If Seller fails to provide Purchaser with a Day-Ahead Availability Notice as required herein, then, until Seller provides a Day-Ahead Availability Notice, Purchaser may rely on the most recent Day-Ahead Availability Notice submitted by Seller to Purchaser.

(D) Hourly Forecast of Available Capacity. During the Delivery Term, Seller shall notify Purchaser of any changes in Available Capacity of one (1) MW or more, whether due to Forced Outage, Force Majeure or other cause, as soon as reasonably possible. Such notices shall contain information regarding the beginning date and time of the event resulting in the change in Available Capacity, the expected end date and time of such event, the expected Available Capacity in MW, and any other information reasonably requested by Purchaser. With respect to any Forced Outage, Seller shall use commercially reasonable efforts to notify Purchaser of such outage within ten (10) minutes of the commencement of the

Forced Outage. Seller shall inform Purchaser of any developments that will affect either the duration of such outage or the availability of the Project during or after the end of such outage. These notices and changes to Available Capacity shall be communicated by telephone to Purchaser's Real-Time Desk and shall be sent to RealTimeTraders-list-@pse.com.

Real-Time Desk

Primary Telephone: (425) 462-3622

2.11 Sales for Resale. All Delivered Energy delivered to Purchaser hereunder shall be sales for resale. As necessary to avoid or prevent any material adverse effect to Seller, Purchaser shall provide Seller with appropriate documentation reasonably requested by Seller to evidence that Purchaser is exempt from sales tax in connection with its purchase of Delivered Energy under this Agreement.

2.12 Facility Operations and Maintenance; Availability Reporting.

(a) During the Term, the Facility shall be operated and maintained by Seller or its designee in accordance with Prudent Operating Practices, Applicable Law, this Agreement and the Interconnection Agreement. The cost of such operation and maintenance is included in the Contract Rate and Purchaser shall have no responsibility for any such costs under any circumstances whatsoever. Seller shall obtain all certifications, permits, licenses, insurance and approvals necessary to construct, operate and maintain the Facility and to perform its obligations hereunder.

(b) As soon as reasonably practicable after the Effective Date, and in any event no later than ninety (90) Days prior to the expected Delivery Term Start Date, Seller shall develop proposed written operating procedures for the Facility and submit such proposed procedures to Purchaser for Purchaser's review and approval (as approved by Purchaser, the "Operating Procedures"). Purchaser shall have forty-five (45) Days from the date it receives the proposed Operating Procedures to review and provide comments to Seller. Seller shall incorporate all of Purchaser's reasonable comments into the final Operating Procedures, which shall be subject to approval by Purchaser. The Parties agree that the Operating Procedures will cover the protocol under which the Parties will perform their respective obligations under this Agreement and will include procedures concerning the following: (i) the method of day-to-day communications and reporting; (ii) key personnel lists for Seller and Purchaser; (iii) reasonable coordination regarding the timing of scheduled maintenance and Planned Outages; (iv) reporting of scheduled maintenance, Planned Outages and Forced Outages of the Facility, (v) reporting of curtailment periods, including Purchaser Voluntary Curtailments, System Curtailments or Seller Compliance Curtailments; and (vi) ongoing reporting of projected capacity reductions due to Planned Outages, Forced Outages, Seller Compliance Curtailments and any other curtailments reasonably foreseeable by Seller.

(c) No later than ninety (90) days prior to the commencement of each Contract Year, Seller will provide Purchaser a non-binding Planned Outage schedule for the forthcoming year. No Planned Outages shall be scheduled during the months of November, December, January and February. Additionally, Seller shall use commercially reasonable efforts to limit Planned Outages during the months of October and March. Seller shall be excused from providing electricity during any Planned Outage in the months of March, April, May, June, July, August, September, and October to the extent thereof (but without limiting Seller's obligations as regards the Guaranteed Winter Period Monthly Output and the Guaranteed Annual Availability Factor).

(d) Seller shall notify Purchaser in advance, as practicable, of any proposed or necessary maintenance outages, including Planned Outages. The Parties shall work to plan such outage to mutually accommodate, as practicable, the reasonable requirements of Seller and reasonable requests of Purchaser; provided that Purchaser's requirements shall not unduly prejudice the operation and maintenance of the Facility.

(e) Not later than thirty (30) days following the end of each Contract Year, Seller shall provide to Purchaser a written report detailing Seller's calculation of the Availability Factor for such Contract Year. Seller shall also furnish all underlying data utilized in such calculations. Such report and data shall be furnished in their native readable format (*e.g.*, while providing a pdf is permissible, it shall be accompanied by the original report in its native software format such that it is capable of being read electronically by Purchaser). Promptly following receipt by Purchaser of Seller's calculation of the Availability Factor and in any event within thirty (30) days thereafter, the Parties shall meet to review such calculation and the underlying data supporting such calculation, including any adjustments thereto to reflect inaccuracies or defects therein, if any. The Parties shall use commercially reasonable efforts to agree upon the calculation of the Availability Factor within thirty (30) days following receipt by Purchaser of Seller's calculation thereof.

2.13 Performance Guarantees.

(a) Guaranteed Winter Period Monthly Output.

(i) Seller guarantees that in each Contract Year during the Term, Seller's Output shall be no less than [REDACTED] MWh in November, [REDACTED] MWh in December, [REDACTED] MWh in January, and [REDACTED] MWh during February in non-leap years, or [REDACTED] MWh during February in any leap year (the "Guaranteed Winter Period Monthly Output").

(ii) The Parties agree that in the event that Seller's Output during any of the months of November, December, January, or February is less than the applicable Guaranteed Winter Period Monthly Output for that month, Seller shall pay Purchaser liquidated damages in an amount equal to (a) the Guaranteed Winter Period Monthly

Output for the relevant month *minus* Seller's Output during the relevant month *multiplied* by (b) the greatest of the following: (1) the positive difference, if any, of the weighted average of the [REDACTED] Prices for the relevant month, *plus* the Attribute Price for each MWh, *minus* the Contract Rate; (2) fifty percent (50%) of the weighted average of the [REDACTED] Prices for the relevant month; and (3) [REDACTED] Dollars and [REDACTED] Cents (\$ [REDACTED]) per MWh.

(iii) In the event that Seller incurs liquidated damages under this Section 2.13(a), Seller shall include, on the first invoice issued pursuant to Section 2.5(a) for the calendar month following the month in which the shortfall in the Guaranteed Winter Period Monthly Output occurred, a credit for the liquidated damages for the prior calendar month (together with supporting documentation). The provisions of Section 2.5(c) shall apply, *mutatis mutandis*, to any disputed amounts with respect to such invoices.

(b) Guaranteed Annual Availability Factor.

(i) Seller guarantees that in each Contract Year during the Term, the Facility shall achieve an Availability Factor of at least [REDACTED] percent ([REDACTED]%) ("Guaranteed Annual Availability Factor").

(ii) The Parties agree that in the event that the Availability Factor during any Contract Year is less than the Guaranteed Annual Availability Factor, Seller shall pay Purchaser liquidated damages in an amount equal to (a) the Guaranteed Annual Availability Factor *minus* the Availability Factor during such Contract Year *multiplied* by (b) the Contract Capacity *multiplied* by (c) the greater of (1) the positive difference, if any, of the [REDACTED] Prices for such Contract Year, *plus* the Attribute Price for each MWh, *minus* the Contract Rate or (2) fifty percent (50%) of the [REDACTED] Prices for such Contract Year.

(iii) In the event that Seller incurs liquidated damages under this Section 2.13(b), Seller shall include on the first invoice issued in any Contract Year pursuant to Section 2.5(a), or as soon as reasonably practicable thereafter, a credit for the liquidated damages for the prior Contract Year (together with supporting documentation). The provisions of Section 2.5(c) shall apply, *mutatis mutandis*, to any disputed amounts with respect to such invoices.

(c) To the extent any damages required to be paid for a breach or failure hereunder are referred to as liquidated damages herein, the Parties acknowledge that the damages suffered as a result of such breach or failure are difficult or impossible to determine and that the liquidated damages set forth herein constitute the Parties' genuine pre-estimate of the loss expected to be incurred by the other Party as a result of the defaulting Party's failure to perform and are therefore an appropriate remedy.

2.14 Government Approvals. Seller shall secure and maintain, at no cost to Purchaser, all approvals, permits (including environmental permits), licenses, easements, rights-of-way, releases and other approvals of any Governmental Authority necessary for the operation and maintenance of the Facility, and the performance by Seller of its obligations hereunder (the “Governmental Approvals”). Such obligations shall include, but shall not be limited to, (i) the responsibility to comply with all FERC-approved compliance and reporting responsibilities with respect to the Facility required by NERC or any successor electrical reliability organization, and (ii) the responsibility to qualify all Attributes in accordance with Applicable Law and the requirements set forth in this Agreement.

2.15 Sellers’ Assistance. Seller covenants to provide reasonable cooperation to Purchaser at Purchaser’s request in supporting efforts by Purchaser to oppose any action of any regulatory body having jurisdiction thereover to direct the material modification of terms or conditions of this Agreement.

2.16 Seller Extraordinary Excuse Events

(a) Seller shall have the right, subject to strict compliance with the terms of this Section 2.16, to declare two (and not more than two) Seller Extraordinary Excuse Events during the Term of this Agreement. Seller shall not be permitted to declare both a Seller Extraordinary Excuse Event and a Force Majeure with respect to the same outage. The declaration by Seller of a Seller Extraordinary Excuse Event shall have the following effects:

(i) Seller shall be permitted to count as Deemed Energy the amount of Energy that would have been Delivered Energy during such Seller Extraordinary Excuse Event (based on a fair and reasonable calculation by Seller of the amount of Delivered Energy that would have been produced by the Facility and Delivered to Purchaser during such period but for the Seller Extraordinary Excuse Event, and subject to the time limitation on such Seller Extraordinary Excuse Event contemplated by Section 2.16(b) below); and

(ii) Notwithstanding Seller’s declaration of such Seller Extraordinary Excuse Event, Seller shall use diligent efforts to remedy or overcome the outage, and the suspension of performance resulting from the outage shall be of no greater scope and of no longer duration than is required by the outage.

(b) As used herein, a “Seller Extraordinary Excuse Event” shall occur when all of the following shall have occurred:

(i) a complete outage of the Facility for any reason other than Seller’s gross negligence or willful misconduct shall have occurred;

(ii) Seller shall not have previously declared two (2) Seller Extraordinary Excuse Events; and

(iii) Seller notifies Purchaser in writing in accordance with Section 10.4 that Seller is designating such outage a Seller Extraordinary Excuse Event, provided that such notice shall not be effective unless Seller shall have delivered such notice to Purchaser on or before the tenth (10th) day of such outage;

provided, however, that in no event shall any Seller Extraordinary Excuse Event continue for more than sixty (60) Days. If any outage that has been declared by Seller to be a Seller Extraordinary Excuse Event continues beyond such sixty (60) Day limit, then (A) Seller shall not be permitted to count as Deemed Energy under the provisions of Section 2.16(a)(i) the amount of Energy that would have been Delivered Energy during any period of continuation of such outage from and after the sixty-first (61st) Day of such outage and (B) Seller shall not be permitted at any time thereafter to assert that such outage is attributable to a Force Majeure.

ARTICLE 3 TERM

3.1 Term. The “Term” of this Agreement shall be the Initial Term plus any Renewal Term, such Renewal Term at Purchaser’s sole election pursuant to the terms of Section 3.3 hereof.

3.2 Initial Term. The initial term (the “Initial Term”) shall commence on the Effective Date and shall continue through December 31, 2037.

3.3 Negotiation Period at End of Initial Term. Upon notice delivered to Seller at least one (1) year but not more than eighteen (18) months prior to the expiration of the Initial Term, which notice shall contain the terms upon which Purchaser would propose to renew this Agreement beyond the Initial Term, Purchaser shall be entitled to require Seller to enter into good faith negotiations with Purchaser with respect to renewal of this Agreement for an additional period (any such period, the “Renewal Term”) at the Contract Rate or upon other pricing terms negotiated by the Parties. Seller shall respond to any such request and commence negotiations with Purchaser within forty-five (45) Business Days of receipt of notice from Purchaser. In the event that Seller and Purchaser have not, on or before two hundred and seventy (270) days prior to the expiration of the Term, entered into a definitive agreement for continuation of this Agreement for a Renewal Term, Seller shall be under no further obligation to negotiate with Purchaser with respect to the Energy and Attributes or the Facility with respect to any period following the Initial Term, and Seller may proceed with negotiations with respect to or definitive agreements to sell the Energy and Attributes thereafter without restriction.

ARTICLE 4 CREDIT SUPPORT

4.1 Credit Support. Commencing on the date that is thirty (30) days prior to the Delivery Term Start Date, Seller shall be obligated to furnish a Letter of Credit in the aggregate amount of [REDACTED] Dollars (\$ [REDACTED]). Purchaser shall be entitled to draw upon or be paid

from such Letter of Credit for any obligation of Seller arising under this Agreement that is not paid when due (subject to any applicable cure periods).

4.2 Seller Credit Event. Upon the occurrence of a Seller Credit Event, Seller shall have ten (10) Business Days following notice from Purchaser to remedy the situation by providing a replacement Letter of Credit meeting the requirements of this Article 4. In the event that Seller fails to provide such additional Letter of Credit or other credit assurance acceptable to Purchaser within such ten (10) Business Days, then an Event of Default will be deemed to have occurred and the Purchaser will be entitled to the remedies set forth in Article 8 of this Agreement, without the application of any cure periods.

4.3 Letter of Credit. Any Letter of Credit provided pursuant to this Agreement shall be issued by a Creditworthy Bank in a form reasonably acceptable to Purchaser (it being agreed that the form of Letter of Credit attached as Exhibit C hereto is acceptable to Purchaser) and must provide, among other things, that the beneficiary of such Letter of Credit is entitled to draw the full amount of such Letter of Credit if: (i) the Letter of Credit has not been renewed or replaced within thirty (30) Days prior to the expiration date of the Letter of Credit; or (ii) the issuer of the Letter of Credit is no longer a Creditworthy Bank and Seller has failed, within ten (10) Business Days after receipt of written notice thereof by Purchaser to replace such Letter of Credit with another Letter of Credit issued by a Creditworthy Bank, in a form acceptable to Purchaser, or other replacement credit support as may be acceptable to Purchaser in its sole discretion. Costs of a Letter of Credit shall be borne by Seller.

4.4 Reporting Requirements. Seller has furnished to Purchaser a report from Marsh Captive Solutions detailing an estimated Standard & Poor's credit rating for Seller (a "Marsh Credit Report") as of April 5, 2019. Seller shall deliver to Purchaser an updated Marsh Credit Report no later than fifteen (15) days after receipt by Seller of each such report during the Delivery Term. Purchaser shall use any Marsh Credit Report solely for purposes of evaluating the creditworthiness of Seller in connection with Seller's obligations under this Agreement, and for no other purpose.

4.5 Uniform Commercial Code Waiver. This Agreement sets forth the entire agreement between the Parties regarding credit, collateral and adequate assurances. Except as expressly set forth in this Agreement, neither Party (i) has or will have any obligation to post credit support, pay deposits, make any other prepayments or provide any other financial assurances in any form whatsoever, or (ii) will have reasonable grounds for insecurity with respect to the creditworthiness of a Party that is complying with the relevant provisions of this Agreement. The Parties waive all implied rights relating to financial assurances arising from Section 2-609 of the Uniform Commercial Code or case law applying similar doctrines.

ARTICLE 5
DATA, METERING AND MEASUREMENT

5.1 Metering Equipment.

(a) Purchaser:

(i) Shall maintain, at its cost, appropriate Meters, metering accuracy instruments, and associated measuring and recording equipment that adhere to all applicable CAISO SQMD, National Electrical Manufacturers Association and American National Standards Institute standards that are necessary to permit an accurate determination of the quantities of the hourly amount of Delivered Energy under this Agreement;

(ii) Shall provide and maintain, at its cost, appropriate Meters and associated measuring, recording, and communication equipment that adhere to all applicable Transmission Provider standards and requirements for dispatchable intermittent renewable resources;

(iii) Shall exercise reasonable care in the maintenance and operation of any such Meters and equipment so as to assure to the maximum extent reasonably practicable an accurate determination of the quantities of the hourly Delivered Energy. Purchaser's Primary Meter shall be located at the Metering Point or on Seller's side of the Metering Point. Except as provided in Section 5.2, Purchaser's Primary Meter shall be used for quantity measurements under this Agreement; and

(iv) May install and operate at the Facility check meters to measure Delivered Energy ("Purchaser's Check Meters").

(b) Purchaser shall make data from Purchaser's Primary Meter and Purchaser's Check Meter, if installed, readily available to Seller via internet link or Excel file if requested. Seller may use data from Purchaser's Check Meters if necessary to permit verification of the Delivered Energy under this Agreement if installed.

(c) Seller may continue to operate at the Facility check meters to measure Delivered Energy ("Seller's Check Meters"). To the extent practicable, Seller will allow for maintenance of meters and meter instruments outside of principal generating hours, but in the event operations are required to be curtailed below the Contract Capacity during any period in order to maintain Purchaser's Meters, such curtailment shall be deemed a Purchaser Voluntary Curtailment and all Energy that would have otherwise been made available at the Metering Point as Delivered Energy shall be treated as Deemed Energy for the purposes of calculating Seller's Output.

5.2 Measurement of Delivered Energy. Readings of Purchaser's Primary Meter shall be conclusive as to the amount of Delivered Energy delivered hereunder; provided, however, that in the event, and for so long as, Purchaser's Primary Meter is out of service or is determined, pursuant to Section 5.3, to be registering inaccurately, measurement of Delivered Energy delivered hereunder shall be determined by:

(a) Seller's Designated Check Meter, if installed; or

(b) In the event that Seller's Designated Check Meter is not installed, is out of service or is determined pursuant to Section 5.3 to be registering inaccurately, Purchaser's Check Meter if installed; or

(c) In the event that (A) Seller's Designated Check Meter is not installed, is out of service or is determined pursuant to Section 5.3 to be registering inaccurately and (B) Purchaser's Check Meter is not installed, is out of service or is determined pursuant to Section 5.3 to be registering inaccurately, by making a mathematical calculation of the Delivered Energy delivered to Purchaser based on the actual availability data during such period over which Purchaser's Primary Meter was out of service or registering inaccurately; or

(d) In the event that (A) Seller's Designated Check Meter is not installed, is out of service or is determined pursuant to Section 5.3 to be registering inaccurately, (B) Purchaser's Check Meter is not installed, is out of service or is determined pursuant to Section 5.3 to be registering inaccurately, and (C) the Parties reasonably determine that the mathematical calculation of the Delivered Energy delivered hereunder based on the actual availability data is not reliable as to the period over which Purchaser's Primary Meter was out of service or registering inaccurately, the Parties shall promptly meet and negotiate in good faith a method for determining Delivered Energy that is fair and reasonable in the circumstances.

5.3 Testing and Correction.

(a) The accuracy of Purchaser's Primary Meter and Purchaser's Check Meter, if installed, shall be tested and verified by Purchaser regularly, but in any event no less than every two (2) years. Except as set forth in Section 5.3(d)(v) and Section 5.3(d)(vi), Purchaser shall be responsible for all costs, including inspection and testing costs, in connection with Purchaser's Primary Meter and such cost is included in the Contract Rate.

(b) The accuracy of Seller's Check Meter, if installed shall be tested and verified by Seller regularly, but in any event no less than every two (2) years. Except as set forth in Section 5.3(d)(v) and Section 5.3(d)(vi), Seller shall be responsible for all costs, including inspection and testing costs, in connection with Seller's Check Meter.

(c) Each Meter shall be accurate within a zero decimal five percent (0.5%) variance.

(d) If, for any reason at any time during the Delivery Term, either Party disputes a Meter's accuracy or condition:

(i) The Party disputing the Meter's accuracy shall notify the other Party in writing;

(ii) The Party receiving such notice shall, within five (5) Days after receiving such notice, advise the other Party in writing as to its position concerning the Meter's accuracy and reasons for taking such position;

(iii) If the Parties mutually and reasonably determine that the Meter is registering outside the zero decimal five percent (0.5%) variance provided for in paragraph (c) above, then such Meter shall be deemed to be registering inaccurately for purposes of Section 5.2;

(iv) If, within fifteen (15) Days after receipt of the notice required by clause (ii) above with respect to a given Meter, the Parties are unable to mutually agree, through reasonable negotiations, on the accuracy or condition of such Meter, then either Party may submit such Dispute to an unaffiliated third-party certified meter testing company mutually acceptable to the Parties to test the Meter, and Seller shall provide such third party reasonable access to the Facility for purposes of testing such Meter;

(v) Following the third-party testing of a Meter provided for in Section 5.3(d)(iv), should such Meter be found (in a report distributed to both Parties) to be registering within the permitted zero decimal five percent (0.5%) variance, the disputing Party shall bear the cost of inspection and such Meter shall be deemed accurate for the purposes of calculating the Delivered Energy pursuant to Section 5.2;

(vi) Following the third-party testing of a Meter provided for in Section 5.3(d)(iv), should such Meter be found (in a report distributed to both Parties) to be registering outside the permitted zero decimal five percent (0.5%) variance, the non-disputing Party shall bear the cost of inspection and such Meter shall be deemed not accurate for the purpose of calculating the Delivered Energy pursuant to Section 5.2; and

(vii) Any repair or replacement of a Meter owned by Seller shall be made at the expense of Seller as soon as practicable, based on the third-party testing company's report. Any repair or replacement of a Meter owned by Purchaser shall be made at the expense of Purchaser as soon as practicable, based on the third-party testing company's report.

(e) If, upon testing, any of the Meters used to determine the amount of Delivered Energy is found to be in error by more than the permitted zero decimal five percent

(0.5%) variance, an adjustment shall be made correcting all measurements by the inaccurate Meters for both the amount of the inaccuracy and the period of the inaccuracy, in the following manner:

(i) The Parties shall in good faith estimate the amount of the necessary adjustment on the basis of deliveries of Energy from the Facility during periods of similar operating conditions when the Meter was registering accurately. Upon the good faith mutual agreement of the Parties with respect to the estimate, the adjustment shall be made for the period during which inaccurate measurements were made.

(ii) If the Parties cannot agree on the actual period during which the inaccurate measurements were made, the period during which the measurements are to be adjusted shall be the shorter of (i) the last one-half of the period from the last previous test of the Meter to the test that found the Meter to be inaccurate, or (ii) the twelve (12) months immediately preceding the test that found the Meter to be defective or inaccurate.

(f) If the difference of the payments actually made by Purchaser minus the adjusted payment is a positive number, Seller shall credit the difference, without interest, to Purchaser on the next invoice issued by Seller. If the difference is a negative number, Purchaser shall pay the difference, without interest, to Seller on the next invoice issued by Seller. Such payment or credit, as applicable, shall be made in accordance with Section 2.5.

5.4 Meter Data and Records. Purchaser's Primary Metering is required for both revenue purposes and System Operations purposes in this case. Purchaser shall continue to provide situational awareness to its Dispatch center from this meter. In general, for revenue metering, the Facility will comply with the requirements outlined in Purchaser's Electric Service Handbook for Commercial/Industrial/Multifamily & Manufactured Housing Developments (PSE Standards 6325.3000-3370), where applicable.

ARTICLE 6 REPRESENTATIONS AND WARRANTIES

6.1 Seller's Representations and Warranties.

(a) Seller represents and warrants as follows:

(i) Seller is a corporation, duly organized, validly existing, and in good standing under the laws of the State of California, and is authorized to conduct business in Washington;

(ii) Seller has the power and authority to enter into and perform this Agreement and is not prohibited from entering into this Agreement or discharging and

performing all covenants and obligations on its part to be performed under and pursuant to this Agreement;

(iii) Seller has taken all action required by Applicable Law in order to approve, execute and deliver this Agreement;

(iv) The execution and delivery of this Agreement, the consummation of the transactions contemplated herein and the fulfillment of and compliance by Seller with the provisions of this Agreement will not conflict with or constitute a breach of or a default under, or require any consent, license or approval (except for those approvals set forth in Section 2.14) that has not been obtained pursuant to any of the terms, conditions or provisions of any law, rule or regulation, any order, judgment, writ, injunction, decree, determination, award or other instrument or legal requirement of any court or other agency of government, the documents of formation of Seller or any contractual limitation, restriction or outstanding trust indenture, deed of trust, mortgage, loan agreement, lease, other evidence of indebtedness or any other agreement or instrument to which Seller is a party or by which it or any of its property is bound and will not result in a breach of or a default under any of the foregoing;

(v) With the exception of the actions set forth in Section 2.14, Seller has taken all such action as may be necessary or advisable and proper to authorize this Agreement, the execution and delivery hereof, and the consummation of transactions contemplated hereby;

(vi) There are no bankruptcy, insolvency, reorganization or receiverships pending or being contemplated by Seller or Seller's parent, or to its knowledge threatened against Seller;

(vii) There are no actions, proceedings, suits, rulings or investigations pending or, to Seller's knowledge, threatened against Seller or any of its Affiliates that could be reasonably expected to adversely affect Seller's ability to perform its obligations under this Agreement;

(viii) This Agreement is a legal, valid and binding obligation of Seller enforceable in accordance with its terms, except as limited by laws of general applicability limiting the enforcement of creditor's rights or by the exercise of judicial discretion in accordance with general principles of equity; and

(ix) Seller has, and will at all times during the Term have, all rights necessary to produce and sell to Purchaser the Energy and Attributes as contemplated by this Agreement, free and clear of any lien, encumbrance, claim of infringement, misappropriation or any violation of the rights of other Persons, as needed at the then-current stage of development or operation of the Facility.

6.2 Purchaser's Representations and Warranties.

(a) Purchaser represents and warrants as follows:

(i) Purchaser is a corporation, duly organized, validly existing, and in good standing under the laws of the State of Washington;

(ii) Purchaser has the power and authority to enter into and perform this Agreement and is not prohibited from entering into this Agreement or discharging and performing all covenants and obligations on its part to be performed under and pursuant to this Agreement;

(iii) Purchaser has taken all action required by Applicable Law in order to approve, execute and deliver this Agreement;

(iv) The execution and delivery of this Agreement, the consummation of the transactions contemplated herein and the fulfillment of and compliance by Purchaser with the provisions of this Agreement will not conflict with or constitute a breach of or a default under, or require any consent, license or approval that has not been obtained pursuant to, any of the terms, conditions or provisions of any law, rule or regulation, any order, judgment, writ, injunction, decree, determination, award or other instrument or legal requirement of any court or other agency of government, the documents of formation of Purchaser or any contractual limitation, restriction or outstanding trust indenture, deed of trust, mortgage, loan agreement, lease, other evidence of indebtedness or any other agreement or instrument to which Purchaser is a party or by which it or any of its property is bound and will not result in a breach of or a default under any of the foregoing;

(v) Purchaser has taken all such action as may be necessary or advisable and proper to authorize this Agreement, the execution and delivery hereof, and the consummation of transactions contemplated hereby;

(vi) There are no bankruptcy, insolvency, reorganization or receiverships pending or being contemplated by Purchaser, or to its knowledge threatened against Purchaser;

(vii) There are no actions, proceedings, suits, rulings or investigations pending or, to Purchaser's knowledge, threatened against Purchaser or any of its Affiliates that could be reasonably expected to adversely affect Purchaser's ability to perform its obligations under this Agreement; and

(viii) This Agreement is a legal, valid and binding obligation of Purchaser enforceable in accordance with its terms, except as limited by laws of general applicability limiting the enforcement of creditor's rights or by the exercise of judicial discretion in accordance with general principles of equity.

ARTICLE 7
INDEMNIFICATION AND INSURANCE

7.1 General Indemnity.

(a) Indemnity by Seller. Subject to the provisions of Section 10.8, Seller shall release, protect, defend, indemnify and hold harmless Purchaser, its Affiliates, directors, officers, employees, agents and representatives, from and against all claims, demands, causes of action, judgments, liabilities and associated costs and expenses (including reasonable attorney's fees) arising from (i) the Energy and Attributes prior to Seller's delivery of such Energy and Attributes to the Delivery Point, or (ii) any property damage, bodily injuries or death suffered by any third party Person (including employees of the Parties) related to, arising from, or connected to any negligence or intentional misconduct of Seller or any failure by Seller to comply with any of its obligations hereunder.

(b) Indemnity by Purchaser. Subject to the provisions of Section 10.8, Purchaser shall release, protect, defend, indemnify and hold harmless Seller, its Affiliates, directors, officers, employees, agents and representatives, from and against all claims, demands, causes of action, judgments, liabilities and associated costs and expenses (including reasonable attorney's fees) arising from (i) the Delivered Energy and Attributes following sale and delivery of such Delivered Energy and Attributes to Purchaser at the Delivery Point, or (ii) any property damage, bodily injuries or death suffered by any third party Person (including employees of the Parties) related to, arising from, or connected to any negligence or intentional misconduct of Purchaser or any failure by Purchaser to comply with any of its obligations hereunder.

(c) Comparative Negligence. The indemnification provisions of this Section 7.1 shall apply notwithstanding the negligent acts or omissions of the indemnitee, but the indemnitor's liability to the indemnitee shall be reduced proportionately to the extent that a negligent act or omission of the indemnitee contributed to the loss, injury or property damage. Further, no indemnitee shall be indemnified hereunder for its loss, liability, injury and damage resulting from its gross negligence, fraud or willful misconduct.

(d) Notice and Limitation of Claims.

(i) If any Person seeking indemnification hereunder (an "Indemnified Party") believes that a claim, demand, suit, action or proceeding or other circumstance exists that has given or may reasonably be expected to give rise to a right of indemnification under this Section 7.1 (whether or not the amount thereof is then quantifiable) against a Party (the "Indemnifying Party"), such Indemnified Party shall assert its claim for indemnification by giving written notice thereof (a "Claim Notice") to the Indemnifying Party within ten (10) Business Days following the Indemnified Party's receipt of notice of such claim, demand, suit, action or proceeding. Each Claim Notice shall describe the claim in reasonable detail. The failure of the Indemnified Party to so notify the Indemnifying

Party shall not relieve the Indemnifying Party of liability hereunder except (and then only) to the extent that the defense of such claim, suit, action or proceeding is prejudiced by the failure to give such notice.

(ii) Upon receipt by an Indemnifying Party of a Claim Notice, the Indemnifying Party shall be entitled to (i) assume and have sole control over the defense of such action or claim at its sole cost and expense and with its own counsel if it gives notice of its intention to do so to the Indemnified Party within thirty (30) days of the receipt of such notice from the Indemnified Party; provided, that the Indemnifying Party's retention of counsel shall be subject to the written consent of the Indemnified Party if such counsel creates a conflict of interest under applicable standards of professional conduct or an unreasonable risk of disclosure of Confidential Information concerning an Indemnified Party, which consent shall not be unreasonably withheld, conditioned, or delayed; and (ii) negotiate a settlement or compromise of such action or claim; provided, that (A) such settlement or compromise shall include a full and unconditional waiver and release of all Indemnified Parties (without any cost or liability of any nature whatsoever to such Indemnified Parties) and (B) any such settlement or compromise shall be permitted hereunder only with the written consent of the Indemnified Party, which shall not be unreasonably withheld, conditioned or delayed.

(iii) If the Indemnifying Party elects to defend any such action or claim, then the Indemnified Party shall be entitled to participate in such defense with counsel reasonably acceptable to the Indemnifying Party, at such Indemnified Party's sole cost and expense. Notwithstanding the foregoing, if (i) a claim is primarily for non-monetary damages against the Indemnified Party or seeks an injunction or other equitable relief that, if granted, would reasonably be expected to be material to the Indemnified Party, (ii) the Indemnified Party shall have determined in good faith that an actual or potential conflict of interest makes representation of the Indemnifying Party and the Indemnified Party by the same counsel or the counsel selected by the Indemnifying Party inappropriate, (iii) the claim is a criminal proceeding, or (iv) the Indemnifying Party fails to conduct the defense of such action or claim actively and diligently, then in each case the Indemnified Party may, upon notice to the Indemnifying Party, assume the exclusive right to defend, compromise and settle such claim and the reasonable fees and expenses of the Indemnified Party's separate counsel shall be borne by the Indemnifying Party to the extent the claim is indemnifiable hereunder. Notwithstanding anything to the contrary herein, for sake of clarity the Parties agree that the foregoing provisions shall not be construed so as to permit the Indemnified Party to control or assume the defense of any action, lawsuit, proceeding, investigation, demand or other claim brought against the Indemnifying Party concurrently with or in a joint proceeding in respect of any claim that is the subject of an indemnification claim hereunder by the Indemnified Party.

(iv) If, within thirty (30) days of receipt from an Indemnified Party of any Claim Notice, the Indemnifying Party (i) advises such Indemnified Party in writing

that the Indemnifying Party shall not elect to defend, settle or compromise such action or claim or (ii) fails to make such an election in writing, or if any of the conditions set forth in clauses (i) through (iv) of Section 7.1(d)(iii) above become satisfied, such Indemnified Party may, at its option following notice to the Indemnifying Party, defend, settle or otherwise compromise or pay such action or claim; provided, however, that the Indemnifying Party shall reimburse the Indemnified Party for the costs of defending against such action or claim (including reasonable attorneys' fees and expenses) and shall remain otherwise responsible for any liability with respect to amounts arising from or related to such action or claim, to the extent it is ultimately determined that such Indemnifying Party is liable with respect to such action or claim under this Agreement. The Indemnifying Party may elect to participate in such legal proceedings, negotiations or defense at any time at its own expense.

(v) Each Indemnified Party shall make available to the Indemnifying Party all information reasonably available to such Indemnified Party relating to such action or claim, except as may be prohibited by Applicable Law. In addition, the Parties shall render to each other such assistance as may reasonably be requested in order to ensure the proper and adequate defense of any such action or claim. The Party in charge of the defense shall keep the other Party fully apprised at all times as to the status of the defense or any settlement negotiations with respect thereto.

7.2 Insurance.

(a) Seller, at its own cost and expense, shall maintain or cause to maintain, and keep in full force and effect from the date hereof through the later of the date of expiration or termination hereof, the following insurance coverage:

(i) Workers' Compensation Insurance for statutory obligations imposed by applicable state laws, and Employer's Liability Insurance with a minimum limits of liability bodily injury by accident of one million dollars (\$1,000,000) for each accident; bodily injury by disease one million dollars (\$1,000,000) policy limit; and bodily injury by disease one million dollars (\$1,000,000) each employee;

(ii) Commercial General Liability Insurance, including premises and operations, bodily injury, broad form property damage, products/completed operations, contractual liability and independent contractors protective liability all with minimum limits of not less than one million dollars (\$1,000,000) per occurrence, two million dollars (\$2,000,000) annual aggregate, and two million dollars (\$2,000,000) products and completed operations aggregate;

(iii) Commercial Automobile Insurance with a minimum limit of one million dollars (\$1,000,000) combined single limit per accident with respect to bodily injury, property damage or death;

(iv) Umbrella Excess Liability Coverage with a minimum limit of ten million dollars (\$10,000,000) per occurrence and ten million dollars (\$10,000,000) annual aggregate. The combined liability limits may be satisfied through a combination of primary, umbrella/excess, and self-insured retention. Any self-insured retention is subject to approval by Purchaser, which approval shall not be unreasonably withheld; and

(v) All-Risk Property Insurance covering physical loss or damage to the Facility with minimum limits based on the total replacement cost of the Facility.

(b) All insurance policies required to be obtained hereunder shall provide insurance for occurrences from the date hereof through the later of the expiration or termination hereof. If any insurance policy required to be obtained hereunder is on a “claims made” basis, Seller shall either maintain either “tail” coverage or continuous “claims made” liability coverage for a minimum of three (3) years following the expiration of this Agreement.

(c) Purchaser, its officers, agents and employees shall be named as additional insured on all Commercial General Liability, Auto Liability, and Umbrella/Excess Liability insurance policies required by the specifications hereunder to be maintained by or on behalf of Seller.

(d) All policies with respect to insurance maintained by Seller shall waive any right of subrogation of the insurers hereunder against Purchaser, its officers, directors, employees, agents and representatives of each of them, and any right of the insurers to any setoff or counterclaim or any other deduction, whether by attachment or otherwise, in respect of any liability of any such person insured under such policy.

(e) All insurance coverage required by this Agreement shall be issued by an insurer with an A.M. Best’s rating of not less than “A-VIII” or such other insurer as is reasonably acceptable to Purchaser. Notwithstanding the foregoing, Seller may provide any or all of the insurance required by this Section 7.2 by way of a commercially reasonable self-insurance or captive insurance program.

(f) Seller shall require its insurer(s) to endeavor to notify Purchaser of any material change in, or cancellation of, the insurance required by this Section 7.2 at least thirty (30) Days prior to the effective date of such change or cancellation except in the case of non-payment of premiums in which case the notice shall be ten (10) Days.

(g) Within fifteen (15) Days after the date hereof, Seller shall provide to Purchaser and thereafter maintain with Purchaser a current certificate of insurance verifying the existence of the insurance coverage required by this Agreement.

ARTICLE 8

DEFAULTS AND REMEDIES; SPECIAL TERMINATION EVENTS

8.1 Events of Default.

(a) Each of the following shall constitute an “Event of Default” hereunder:

(i) Failure by a Party to make any payment required when due if such failure is not remedied within ten (10) Business Days after receipt by the Defaulting Party of written notice of such failure, provided such payment is not the subject of a Dispute;

(ii) Failure by a Party to perform any other material obligation hereunder if such failure is not remedied within thirty (30) days after receipt by the Defaulting Party of written notice of such failure; provided that so long as the Defaulting Party has initiated and is diligently attempting to effect a cure, such Defaulting Party’s cure period shall extend for an additional sixty (60) days;

(iii) Any representation or warranty made hereunder by a Party shall have been false in any material respect when made, has resulted in a material adverse effect on the other Party and is not remedied within thirty (30) days after receipt of written notice of such failure; provided that so long as the Defaulting Party has initiated and is diligently attempting to effect a cure, such Defaulting Party’s cure period shall extend for an additional sixty (60) days;

(iv) Either Party (A) makes an assignment for the benefit of its creditors, (B) files a petition or otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy or similar law, (C) has such petition filed against it and such petition is not withdrawn or dismissed for sixty (60) days after such filing, (D) becomes insolvent, or (E) is unable to pay its debts when due;

(v) Seller fails to establish and maintain the Letter of Credit as required by Article 5; and

(vi) Either Party assigns or otherwise transfers this Agreement in violation of the terms of Section 10.2.

8.2 Remedies.

(a) Upon the occurrence of an Event of Default by a Party (the “Defaulting Party”), the other Party (the “Non-Defaulting Party”) shall have the following rights and remedies:

(i) To terminate this Agreement by providing written notice to the Defaulting Party of the Non-Defaulting Party’s exercise of its termination rights, which termination shall be effective twenty (20) days after the day such notice is deemed to be delivered under Section 10.4 (the “Early Termination Date”);

(ii) To suspend performance of its obligations and duties hereunder immediately upon delivering written notice to the Defaulting Party of the Non-Defaulting Party's intent to exercise its suspension rights;

(iii) To accelerate any and all amounts due from the Defaulting Party for the period preceding the termination of this Agreement;

(iv) To withhold any payments due to the Defaulting Party under this Agreement;

(v) To recover in connection with such termination the termination payment set forth in Section 8.3(b) or 8.3(c), respectively;

(vi) In the case of an Event of Default by Seller, to exercise any rights pursuant to Section 4.1 to draw upon any Letter of Credit provided by Seller; and

(vii) Subject to the express limitations on remedies set forth in this Agreement, to pursue any other remedy given under this Agreement or Applicable Law, now or hereafter existing at law or in equity or otherwise.

(b) Each Party agrees that it has a duty to mitigate damages and covenants that it will use commercially reasonable efforts to minimize any damages it may incur as a result of the other Party's performance or non-performance hereof. "Commercially reasonable efforts" by Seller shall require Seller to use commercially reasonable efforts to maximize the price received by Seller from third parties for Energy and Attributes not received by Purchaser in accordance with its obligations under this Agreement.

8.3 Termination Payment Calculation.

(a) Upon termination of this Agreement as a result of an Event of Default, the Non-Defaulting Party shall calculate an amount (the "Termination Payment") equal to the aggregate of (i) the Market Value of this Agreement to the Non-Defaulting Party plus (ii) any costs incurred by the Non-Defaulting Party as a result of the termination of this Agreement due to the Defaulting Party's default. If the Termination Payment is a positive amount, the Defaulting Party shall pay the Termination Payment to the Non-Defaulting Party. If the Termination Payment is a negative amount, the amount of the Termination Payment shall be deemed to be zero and no payment shall be made to either Party.

(b) In the case where the Defaulting Party is Purchaser, the "Market Value" shall be the positive difference, if any, obtained by subtracting (i) the present value as of the Early Termination Date of payments that are to be made under a Replacement Contract (whether or not actually entered into by Seller) during its term, from (ii) the present value as of the Early Termination Date of payments that would have been made under this Agreement for the period from the Early Termination Date to the scheduled expiration of the Term.

(c) In the case where the Defaulting Party is Seller, the “Market Value” shall be the positive difference, if any, obtained by subtracting (i) the present value as of the Early Termination Date of payments that would have been made under this Agreement for the period from the Early Termination Date to the then scheduled expiration of the Term, from (ii) the present value as of the Early Termination Date of payments that are to be made under a Replacement Contract (whether or not actually entered into by Purchaser) during its term.

(d) It is understood and agreed that it is not necessary for the Non-Defaulting Party to enter into a Replacement Contract to determine the per MWh price under a Replacement Contract and if a Replacement Contract is not entered into by the Non-Defaulting Party, the per MWh price with respect to a Replacement Contract shall be the fair market price of energy (including the price for reasonably comparable Attributes associated therewith) that would have been payable under a Replacement Contract as determined in a commercially reasonable manner by the Non-Defaulting Party. In determining the per MWh price when a Replacement Contract is not entered into, the Non-Defaulting Party may consider, among other valuations, quotations from leading dealers in energy contracts, the settlement prices on established, actively traded power exchanges, other bona fide third party offers and other commercially reasonable market information.

(e) For purposes of calculating Market Value under this Section 8.3, (X) the quantity of energy used in the calculation shall be based upon reasonable assumptions regarding the future operation of the Facility as determined by the Non-Defaulting Party in good faith, (Y) commercially reasonable adjustments to the Replacement Contract shall be made by the Non-Defaulting Party to take into account, among other possible commercially material differences, differences due to length of term, capacity factors, capacity value, Attributes and the location of the output delivery point(s) under the Replacement Contract compared to the Delivery Point hereunder, and (Z) the discount rate to be used to determine present value as of the Early Termination Date of each future payment amount shall be the sum of one hundred (100) basis points plus the yield reported on page “USD” of the Bloomberg Financial Markets Services Screen (or, if not available, any other nationally recognized trading screen reporting on-line intraday trading in United States government securities) at 11:00 a.m. (New York City, New York time) on the Early Termination Date for United States government securities having a maturity reasonably equivalent to the then remaining Term of this Agreement.

8.4 Special Termination Events.

(a) Each of the following shall constitute a “Special Termination Event” hereunder:

(i) Seller fails to achieve the Guaranteed Winter Period Monthly Output by an amount equal to [REDACTED] (%) or more for two (2) or more months during any Winter Period, and such circumstance occurs either (A) in any two (2) consecutive Winter Periods, or (B) in any four (4) Winter Periods during the Term; and

(ii) Seller fails to achieve the Guaranteed Annual Availability Factor by an amount equal to [REDACTED] (%) or more for any two (2) consecutive Contract Years or for any four (4) Contract Years during the Term.

(b) Upon the occurrence of a Special Termination Event, Purchaser shall have the right, by providing not less than twenty (20) days' prior written notice to Seller, to terminate this Agreement effective as of one year from and after the date of such notice without any liability of either Party resulting from such termination, provided that such termination shall not discharge or relieve either Party from any liability that has accrued prior to the date of such termination, and provided, further, that the Contract Rate payable by Purchaser during each month of the one-year extension shall be the lower of (i) the Contract Rate as in effect immediately prior to the date of such termination or (ii) the [REDACTED] Prices for such month plus the Attribute Price for each MWh; and provided, further, that Seller shall have the right, by providing not less than twenty (20) days' prior written notice to Purchaser, to terminate this Agreement at any time during such one-year period without any liability of either Party resulting from such termination; provided that such termination shall not discharge or relieve either Party from any liability that has accrued prior to the date of such termination.

8.5 Effect of Termination. In the event of termination pursuant to Section 8.3 or Section 8.4, the Parties shall be released and discharged from any obligations arising or accruing hereunder from and after the date of such termination and shall not incur any additional liability to each other as a result of such termination; provided that such termination shall not discharge or relieve either Party from any obligation that has accrued prior to such termination (including any obligation in respect of a Termination Payment under Section 8.3) or any indemnity obligations under Article 7 or the provisions of Section 10.1, which provisions shall survive any termination of this Agreement.

ARTICLE 9 FORCE MAJEURE; CHANGE IN LAW

9.1 Force Majeure Generally. The performance of any obligation required hereunder shall be excused during the continuation of any Force Majeure event suffered by the Party whose performance is hindered in respect thereof, to the extent such Force Majeure event prevents the affected Party from performing its obligations under this Agreement. The affected Party's time for performance of any obligation that has been delayed due to the occurrence of a Force Majeure event shall be extended by a period of time reasonably necessary to compensate for the delay caused by the Force Majeure event, subject to any limitations on such extension provided for in this Agreement; provided, that the Party experiencing the delay or hindrance shall use diligent efforts to remedy or overcome the Force Majeure event and the suspension of performance shall be of no greater scope and of no longer duration than that required by the Force Majeure. The affected Party shall (i) as soon as reasonably practicable notify the other Party in writing describing in detail the occurrence of such Force Majeure event and the anticipated period of delay, but in no event shall the notification take longer than forty-eight (48) hours after the Party has determined

that a Force Majeure event has occurred; (ii) within ten (10) Days after the Party has knowledge of the Force Majeure event, provide a written explanation of the Force Majeure event and its effect on the affected Party's performance and (iii) thereafter provide periodic written reports (no less often than weekly) on the status of the affected Party's efforts to remedy its inability to perform and a good faith estimate of when it will be able to resume performance, in each case to the extent known at the time of the report, provided that, if the affected Party fails to notify or provide a written report to the other Party within the applicable timeframes set forth above, the affected Party shall not be entitled to relief as a result thereof until such time as the affected Party has remedied such failure and, in such case and subject to all limitations set forth in this ARTICLE 9, the affected Party shall only be entitled to relief for the period of time from and after the delivery of the applicable notice. If any Force Majeure event prevents the delivery or receipt of the Delivered Energy for more than ninety (90) consecutive Days (or, if such prevention results from a Force Majeure event that requires the replacement of equipment that is not then readily available in the market on commercially reasonable terms (such equipment may, for example, include a site substation step-up transformer), such additional amount of time as may be reasonably needed to obtain and install such equipment, but not to exceed an additional one hundred and eighty (180) Days), the non-affected Party may terminate this Agreement upon notice to the other Party but such termination shall be without liability of either Party, provided that such termination shall not discharge or relieve either Party from any liability that has accrued prior to the date of such termination. Each Party suffering a Force Majeure event shall take, or cause to be taken, such action as may be necessary to overcome or otherwise to mitigate, in all material respects, the effects of any Force Majeure event suffered by either of them and to provide written notice to the other Party of such actions, and to resume performance hereunder as soon as practicable under the circumstances.

9.2 Force Majeure Defined.

(a) As used herein, "Force Majeure" shall mean any event or circumstance which wholly or partly prevents or delays the performance of any obligation arising under this Agreement, but only if and to the extent (i) such event is not within the reasonable control, directly or indirectly, of the Party seeking to have its performance obligation(s) excused thereby, (ii) the Party seeking to have its performance obligation(s) excused thereby has taken all reasonable precautions and measures in order to prevent or avoid such event or mitigate the effect of such event on such Party's ability to perform its obligations under this Agreement and which by the exercise of reasonable diligence such Party could not reasonably have been expected to avoid and which by the exercise of due diligence it has been unable to overcome, and (iii) such event is not the direct or indirect result of the negligence or the fault of the Party seeking to have its performance obligations excused thereby.

(b) Subject to the foregoing, events that could qualify as Force Majeure include the following:

(i) acts of God or the public enemy, war, whether declared or not, blockade, insurrection, riot, civil disturbance, public disorders, rebellion, violent demonstrations, revolution, sabotage or terrorist action;

(ii) any effect of unusually severe natural elements, such as fire, subsidence, earthquakes, floods, tornadoes, storms, lightning, or similar cataclysmic occurrence or other unusual natural calamities;

(iii) except as set forth in Section 9.2(c)(v) below, strikes, work stoppage or other labor disputes (in which case the affected Party shall have no obligation to settle the strike or labor dispute on terms it deems unreasonable);

(iv) explosion, accident or epidemic;

(v) governmental action or inaction; or

(vi) emergencies (including transmission load relief events and minimum generation emergencies) declared by the Transmission Provider or any other authorized successor or regional transmission organization or any state or federal regulator or legislature requiring a forced curtailment of the Facility or making it impossible for the Transmission Provider to transmit Energy, including Energy to be delivered pursuant to this Agreement.

(c) Force Majeure shall not be based on:

(i) Purchaser's or Seller's inability to obtain transmission service and the unavailability or interruption of transmission service (unless the unavailability or the interruption was the result of a System Emergency or otherwise caused by an occurrence that itself would qualify as a Force Majeure event);

(ii) Purchaser's inability economically to use or resell the Delivered Energy or the Attributes purchased hereunder;

(iii) Seller's ability to sell the Delivered Energy or the Attributes at a price greater than the price set forth in this Agreement;

(iv) Seller's failure to obtain additional funds, including funds authorized by a state or the federal government or agencies thereof, to supplement the payments made by Purchaser pursuant to this Agreement;

(v) a strike, work stoppage or labor dispute arising out of or limited only to any one or more of Seller, Seller's Affiliates, or any other third party employed by Seller to work on the Facility;

(vi) a Party's inability to pay amounts due to the other Party under this Agreement, except if such inability is caused solely by a Force Majeure event that disables physical or electronic facilities necessary to transfer funds to the payee Party; or

(vii) breakage or failure of equipment, unless the cause of such breakage or failure itself results from a Force Majeure event.

9.3 Seller's Rights in Event of Change in Law. Notwithstanding any other provision of this Agreement, in the event that a Change in Law occurs after execution of this Agreement that (i) causes the Facility or the Delivered Energy to cease to be entitled to certification as or to qualify as an eligible renewable resource under Ch. 19.285 RCW or causes the RECs to cease to qualify as renewable energy credits under RCW 19.285 ("Washington RPS Qualifications"), or (ii) causes the Facility or the Delivered Energy to cease to be entitled to certification from the CEC or to qualify as an Eligible Renewable Energy Resource (as such term is defined in California Public Utilities Code Section 399.12 or Section 399.16) or causes the RECs to cease to qualify as renewable energy credits under the requirements of the California Renewables Portfolio Standard ("California RPS Qualifications"), Seller shall use commercially reasonable efforts to comply with or implement any change or improvement to the Facility necessary for the Facility or the Delivered Energy to meet the Washington RPS Qualifications and the California RPS Qualifications ("RPS Qualification Improvement"); provided, however, that if after such Change in Law has occurred, Seller reasonably determines that the costs and expenses to Seller to implement the RPS Qualification Improvement will exceed \$250,000 over the Term ("RPS Qualification Expenditure Maximum"), Seller shall promptly notify Purchaser of such circumstance and shall include with such notice documentation and calculations to support such expected exceedance ("RPS Qualification Exceedance Notice"). Seller shall indicate in such RPS Qualification Exceedance Notice if it intends to incur the costs of such RPS Qualification Improvement. In the event that Seller issues an RPS Qualification Exceedance Notice and indicates therein that it does not elect to pay all such RPS Qualification Improvement costs, then (i) the Parties shall consider and discuss for a period of not less than thirty (30) days if an alternative allocation of responsibility for the amount of such RPS Qualification Improvement costs in excess of the RPS Qualification Expenditure Maximum would be mutually acceptable to the Parties (it being agreed that neither Party shall be under any obligation whatsoever to agree to any such alternative allocation, any such agreement being in each such Party's sole discretion) and (ii) if no alternative allocation is agreed pursuant to the foregoing clause (i), either Party may terminate this Agreement upon not less than twenty (20) days' notice to the other Party, without any liability of either Party resulting therefrom, provided that such termination shall not discharge or relieve either Party from any liability that has accrued prior to the date of such termination. Regardless of the amount of the RPS Qualification Improvement costs, in the event that a Change in Law occurs after execution of this Agreement that causes the Facility or the Delivered Energy to cease to meet the Washington RPS Qualifications or the California RPS Qualifications, and such circumstance is not remedied within ninety (90) days of the occurrence of the Change in Law, Purchaser may terminate this Agreement, without any liability of either Party resulting therefrom, provided that such termination shall not

discharge nor relieve Purchaser from any liability that has accrued prior to the date of such termination.

ARTICLE 10 MISCELLANEOUS

10.1 Confidential Information.

(a) The Parties have and will develop certain information, processes, know-how, techniques and procedures concerning the Facility, that they consider confidential and proprietary (the “Confidential Information”). Notwithstanding the confidential and proprietary nature of such Confidential Information, the Parties (each, the “Disclosing Party”) may make such Confidential Information available to the other (each, a “Receiving Party”) subject to the provisions of this Section .

(b) Upon receiving or learning of Confidential Information, the Receiving Party shall treat such Confidential Information as confidential and use reasonable care not to divulge such Confidential Information to any third party except as permitted hereunder or required by Applicable Law, subject to the restrictions set forth below.

(c) The restrictions of this Section 10.1 do not apply to:

(i) Release of this Agreement or any part or summary hereof to any Governmental Authority required for obtaining any approval or making any filing pursuant to Section 2.14, provided that (a) Seller agrees to cooperate in good faith with Purchaser to maintain the confidentiality of the provisions of this Agreement by requesting confidential treatment with all filings to the extent appropriate and permitted by Applicable Law and (b) Seller shall provide reasonable notice to Purchaser, prior to disclosure (if not prevented by Applicable Law), of the time and scope of the intended disclosure in order to provide Purchaser an opportunity to obtain a protective order or otherwise seek to prevent, limit the scope of, or impose conditions upon such disclosure;

(ii) Information which is, or becomes, publicly known or generally available to the public other than through the action of the Receiving Party in violation of this Agreement;

(iii) Information which is in the possession of the Receiving Party prior to receipt from the Disclosing Party or which is independently developed by the Receiving Party prior to the date hereof;

(iv) Information which is received from a third party which is not known (after due inquiry) by Receiving Party to be prohibited from disclosing such information pursuant to a contractual, fiduciary or legal obligation; and

(v) Information which the Receiving Party determines that it is required to disclose pursuant to Applicable Law; provided the Receiving Party shall provide reasonable notice to the Disclosing Party of the time and scope of the intended disclosure and shall afford the Disclosing Party a reasonable opportunity to prevent or limit, at the Disclosing Party's cost and expense, such disclosure.

(d) Notwithstanding the foregoing, the Parties may provide any Confidential Information: (i) to a Transmission Provider as required for scheduling, settlement and billing, (ii) to any Person with review rights specified in other provisions of this Agreement and (iii) on a need-to-know basis to agents, trustees, employees, managers, officers, representatives, consultants, accountants, financial advisors, experts, legal counsel, other professional advisors to the Parties, their Affiliates, and prospective investors and Lenders to either Party, provided that in the case of clauses (ii) and (iii), such Persons have been advised of the confidential nature of the information and have agreed to maintain the confidentiality thereof on terms and conditions at least as restrictive as those set forth herein and the Party providing Confidential Information to any such Person shall be responsible for the compliance with this Agreement by any such Person. If Confidential Information is the subject of a subpoena from a third party, the Receiving Party may disclose such Confidential Information on the advice of its counsel in compliance with the subpoena, provided that the Receiving Party shall provide notice thereof to the Disclosing Party and make reasonable efforts to afford the Disclosing Party an opportunity to obtain a protective order or other relief to prevent or limit disclosure of the Confidential Information. The obligation to provide confidential treatment to Confidential Information shall not be affected by the inadvertent disclosure of Confidential Information by either Party.

(e) Notwithstanding anything to the contrary contained herein, (i) Purchaser may disclose Confidential Information upon reasonable notice to Seller if Purchaser reasonably determines, based upon its status as a regulated public utility, that disclosure to a Governmental Authority is necessary or appropriate in connection with any submission or application to, or response from, any such authorities regarding the Facility and this Agreement, the effect thereof on Purchaser's rates or investment return or similar matters, provided that Purchaser shall (A) endeavor to keep Seller informed with respect to such disclosures, (B) file a written request in the form of a motion for protective order or for confidential treatment or other comparable written request that any Confidential Information be afforded confidential treatment and otherwise endeavor to obtain confidential treatment of Confidential Information, and (C) notify Seller promptly if Purchaser receives notice of any challenge to the request that such Confidential Information be afforded confidential treatment and (ii) Seller may disclose Confidential Information upon reasonable notice to Purchaser if Seller reasonably determines, based upon its status as a publicly-traded company, that disclosure to the market, investors or a Governmental Authority is necessary or appropriate under Applicable Law or relevant exchange rules, provided that Seller shall (A) endeavor to keep Purchaser informed with respect to such disclosures, and (B) limit such disclosure to the minimum required to meet Seller's obligation as determined by Seller in its reasonable discretion.

(f) Neither Party shall issue any press or publicity release, other than information that is required to be distributed or disseminated pursuant to Applicable Law (provided that in any such case the Party proposing to issue such release has, in accordance with the provisions of Section 10.1(c)(v)), given the other Party prior notice of such proposed release and an opportunity to prevent or limit such disclosure), concerning this Agreement or the participation of the other Party in the transactions contemplated hereby without the prior written approval of the other Party. This provision shall not prevent the Parties from releasing information which is required to be disclosed in order to obtain permits, licenses, releases and other approvals relating to the Facility, as are necessary in order to fulfill such Party's obligations under this Agreement.

(g) The obligations of the Parties under this Section 10.1 shall remain in full force and effect for two (2) years following the expiration or termination of this Agreement.

10.2 Successors and Assigns; Assignment.

(a) This Agreement shall inure to the benefit of and shall be binding upon the Parties and their respective successors and permitted assigns. This Agreement shall not be assigned or transferred by either Party without the prior written consent of the other Party, which consent shall not be unreasonably withheld, delayed or conditioned. In connection with any permitted assignment pursuant to this Section 10.2(a), among other things, (i) the assignee shall expressly assume all of the assignor's obligations under this Agreement (whether arising before or after such assignment) and (ii) the assignee shall agree in writing to be bound by the terms and conditions of this Agreement.

(b) If either Party wishes to assign, transfer, or otherwise convey its interest in this Agreement, it shall provide prior written notice of such proposed conveyance and information demonstrating the assignee or transferee meets the qualifications of Section 10.2(a) to the non-assigning Party, along with any other reasonably requested information. Within thirty (30) Days following receipt of notice of any proposed assignment, the non-assigning Party shall either consent or object to the proposed assignment, such consent not to be unreasonably withheld, provided that the assigning Party shall promptly provide any information on the proposed assignee or transferee requested by the non-assigning Party during such period.

(c) Notwithstanding the foregoing, either Party may, without the other's consent:

(i) transfer, sell, pledge, encumber, or assign this Agreement or the revenues or proceeds thereof in connection with any financing;

(ii) transfer or assign this Agreement to an Affiliate; or

(iii) transfer or assign this Agreement to any Person or entity succeeding to all or substantially all of the assets of such Party;

provided, however, that in the case of an assignment under clause (ii) or (iii) above, the assignee agrees to be bound by all terms and conditions hereof and, in the case of an assignment by Seller, either the assignee or its guarantor possesses a Credit Rating equal to or higher than Seller, or provides credit support reasonably acceptable to Purchaser.

(d) Except with respect to assignments pursuant to Section 10.2(c)(i) or Section 10.2(c)(ii) above, upon any permitted assignment or transfer of this Agreement, the assigning or transferring Party shall be, without further action by either Party, released and discharged from all obligations under this Agreement arising after the effective date of such assignment or transfer.

(e) If any Person other than Seller becomes the direct owner of all or substantially all of the assets comprising the Facility, Seller shall be required to assign this Agreement to such Person concurrently with the transfer of the applicable assets to such Person. For the sake of clarity, the foregoing shall not relieve Seller of the restrictions on assignment of this Agreement contained in this Section 10.2, and therefore if consent to the assignment of this Agreement is required, any proposed transfer of all or substantially all of the assets comprising the Facility shall require the consent of Purchaser to the same extent and subject to the same terms and conditions as is required for the assignment of this Agreement.

(f) Any transfer by either Party not expressly permitted under this Section 10.2 shall be null and void *ab initio* and of no force or effect and further shall be deemed to be an Event of Default hereunder.

10.3 Change of Control of Seller. A Change of Control with respect to Seller shall be considered an assignment of this Agreement to a third party and shall be subject to the various requirements set forth in Section 10.2 above, if such Change of Control would involve only Seller or Affiliates of Seller with respect to which the assets comprising the Facility constitute a significant portion of assets of such Affiliate.

10.4 Notices.

(a) All notices and communications required to be given pursuant to this Agreement shall be:

- (i) in writing;
- (ii) delivered by hand (against receipt), recorded courier or express service, or sent by electronic mail; provided that any communications delivered by electronic mail shall be in a portable document format (PDF); and
- (iii) delivered, sent or transmitted to the address for the recipient's communications as stated below; provided that if the recipient gives the other Party notice of another address, communications shall thereafter be delivered accordingly, and if the

recipient has not stated otherwise when requesting an approval or consent, it may be sent to the address from which the request was issued.

(b) Any such notice and communication shall be deemed to have been received by a Party as follows:

(i) if delivered by hand or delivered by courier or express service, at the time of delivery; or

(ii) if sent by electronic mail properly addressed and dispatched, upon transmission, if during the recipient's regular business hours, and otherwise, on the next Business Day, provided that in either case such notice shall not be effective unless a copy of such notice shall be sent by registered or certified mail, return receipt requested, postage prepaid.

(c) The addresses for notices shall be as follows:

If to Seller: Sierra Pacific Industries
19794 Riverside Avenue
Anderson, CA 96007
Attn: David Branchcomb, Director, Power Contracting
Email: dbranchcomb@spi-ind.com

With a copy to:

Sierra Pacific Industries
19758 Riverside Avenue
Anderson, CA 96007
Attn: Scott Peterson, Power Contract Administrator
Email: speterson@spi-ind.com

If to Purchaser: Puget Sound Energy, Inc.
10885 NE 4th Street
Bellevue, WA 98004-5591
Attn: David E. Mills, Senior Vice President, Policy and Energy
Supply
Email: david.mills@pse.com

with a copy to:

Puget Sound Energy, Inc.
10885 NE 4th Street
Bellevue, WA 98004-5591
Attn: General Counsel
Email: steve.secris@pse.com

If to Purchaser in connection with the scheduling and reporting obligations of Section 2.10(b):

Puget Sound Energy, Inc.
2380 116th Ave NE Suite 201 mailstop: VEROFC
Bellevue, WA 98004
Attn: Power Supply Operations
Email: RealTimeTraders-list-@pse.com
Telephone: (425) 462-3622

With a copy to:

Puget Sound Energy, Inc.
Energy & Derivative Accounting, VEROFC
P.O. Box 97034
Bellevue, WA 98009-9734

Invoices for Purchaser should be sent to pwrgas@pse.com.

10.5 Amendments. This Agreement shall not be modified nor amended unless such modification or amendment shall be in writing and signed by authorized representatives of both Parties.

10.6 Records; Audit Rights.

(a) Seller shall maintain complete and accurate records of and supporting documentation for all charges under this Agreement and all other data or information created, generated, collected, processed or stored by Seller in its performance under this Agreement (“Contract Records”). Unless Purchaser instructs Seller to delete or destroy any Contract Records

or requests the return of such Contract Records to Purchaser, Seller shall retain Contract Records for a period of at least seven (7) years after the date of the performance or after termination of this Agreement (the “Retention Period”).

(b) Seller shall, upon reasonable advance notice by Purchaser, provide to Purchaser and its representatives, during the Term and the Retention Period, access during Seller’s normal business hours to Seller personnel and facilities and to Contract Records and other pertinent information, all to the extent relevant to Seller’s performance under this Agreement. Purchaser has the right to use general audit software and other reporting tools against the data files or databases dedicated to the services provided under this Agreement and (A) will be provided direct access to data (if databases are merged and segmented logically) or (B) will review extract program or code with code run under supervision of Purchaser’s auditor. Such access shall be provided for the purpose of performing audits and inspections to, among other things, (1) verify the accuracy and completeness of Contract Records, (2) verify the accuracy and completeness of charges under this Agreement, and (3) examine Seller’s compliance with its obligations under this Agreement. If any such examination reveals any inaccuracy in any statement, the necessary adjustments in such statement and the payments thereof will be made promptly and shall bear interest calculated at the Late Payment Rate from the date the overpayment or underpayment was made until paid; provided, however, that no adjustment for any statement or payment will be made unless objection to the accuracy thereof was made prior to the lapse of twenty four (24) months from the rendition thereof, and thereafter any objection shall be deemed waived.

(c) Except as otherwise provided in this Section 10.6(c), each Party will be responsible for its own costs associated with any audit activity pursuant to this Section 10.6. If an audit reveals an overcharge of more than 10%, then Seller shall promptly reimburse Purchaser for the reasonable cost of the portion of such audit relating to the overcharge.

10.7 Waivers. Failure to enforce any right or obligation by any Party with respect to any matter arising in connection with this Agreement shall not constitute a waiver as to that matter nor to any other matter. Any waiver by any 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. Such waiver shall not be deemed a waiver with respect to any subsequent default or other matter.

10.8 Waiver of Certain Damages; Certain Acknowledgments. NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT (EXCEPT TO THE EXTENT INDEMNIFICATION PAYMENTS ARE MADE PURSUANT TO SECTION 7.1 AS A RESULT OF AN INDEMNIFIED PERSON’S OBLIGATION TO PAY SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES TO A THIRD PARTY (EXCLUDING EITHER PARTY’S AFFILIATES, LENDERS, OFFICERS, DIRECTORS, SHAREHOLDERS OR MEMBERS) AS A RESULT OF ACTIONS INCLUDED IN THE PROTECTION AFFORDED BY THE INDEMNIFICATION SET FORTH IN SECTION 7.1), NEITHER PURCHASER NOR SELLER (NOR ANY OF THEIR AFFILIATES, LENDERS, CONTRACTORS, CONSULTANTS, OFFICERS, DIRECTORS, SHAREHOLDERS, MEMBERS OR EMPLOYEES) SHALL BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL,

PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES UNDER, ARISING OUT OF, DUE TO, OR IN CONNECTION WITH ITS PERFORMANCE OR NON-PERFORMANCE OF THIS AGREEMENT OR ANY OF ITS OBLIGATIONS HEREIN, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, WARRANTY, INDEMNITY OR OTHERWISE. FOR BREACH OF ANY PROVISION OF THIS AGREEMENT FOR WHICH AN EXPRESS REMEDY OR MEASURE OF DAMAGES IS PROVIDED TO BE THE EXCLUSIVE REMEDY THEREFOR, THE RIGHTS OF THE NON-DEFAULTING PARTY AND THE LIABILITY OF THE DEFAULTING PARTY SHALL BE LIMITED AS SET FORTH IN THIS AGREEMENT AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED. THE PARTIES ALSO AGREE THAT IN ALL CASES WHERE THIS AGREEMENT PROVIDES FOR LIQUIDATED DAMAGES, THE ACTUAL DAMAGES WOULD BE DIFFICULT OR IMPOSSIBLE TO DETERMINE, OR OBTAINING AN ADEQUATE REMEDY WOULD BE UNREASONABLY TIME CONSUMING AND EXPENSIVE, AND THEREFORE SUCH LIQUIDATED DAMAGES ARE A REASONABLE APPROXIMATION OF THE HARM AND NOT A PENALTY, AND IN NO EVENT SHALL SUCH LIQUIDATED DAMAGES BE CONSIDERED SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES.

10.9 Survival. Notwithstanding any provisions herein to the contrary, the obligations set forth in Section 7.1 and Sections 10.1, and 10.4 through 10.25, shall survive (in full force) the expiration or termination of this Agreement. All other provisions of this Agreement that must survive the expiration or earlier termination of this Agreement in order to give full force and effect to the intent of the Parties shall remain in effect and be enforceable following such expiration or termination to such extent.

10.10 Severability. If any of the terms of this Agreement are finally held or determined to be invalid, illegal or void, all other terms of the Agreement shall remain in effect, and that provision shall be severed from the remainder of the Agreement, and replaced automatically by a provision containing terms as nearly like the void, unlawful, or unenforceable provision as possible, or otherwise modified in such fashion as to preserve, to the maximum extent possible, the original intent of the Parties, and the Agreement, as so modified, shall continue to be in full force and effect; provided that 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.

10.11 Standard of Review. The Parties specifically intend and acknowledge and agree that, except as otherwise expressly provided in this Agreement neither Party shall be permitted to make a filing with the FERC under any provision of the Federal Power Act or the regulations promulgated thereunder that seeks to amend or otherwise modify, or requests the FERC to amend or otherwise modify, any provision of this Agreement at any time during the Term, except to implement an amendment or other modification to this Agreement that has been reduced to writing and signed by authorized representatives of both Parties pursuant to Section 10.5. In addition, to the extent any third party or the FERC acting *sua sponte*, seeks to amend or otherwise modify, or requests the FERC to amend or otherwise modify, any provision of this Agreement, the standard of review shall be the “public interest” standard of review set forth in *United Gas Pipe Line Co. v.*

Mobile Gas Service Corp., 350 U.S. 332 (1956) and Federal Power Commission v. Sierra Pacific Power Co., 350 U.S. 348 (1956) (the “Mobile-Sierra” doctrine).

10.12 Governing Law. This Agreement shall be interpreted and enforced in accordance with the laws of the State of Washington without regard its conflicts of laws provisions that would result in the application of the laws of any other jurisdiction.

10.13 Consent to Jurisdiction.

(a) Each of the Parties hereto hereby irrevocably consents and agrees that any legal action or proceedings with respect to this Agreement shall be brought exclusively in any of the courts of the United States of America located in the United States District Court for the Western District of Washington, having subject matter jurisdiction, or if such court lacks subject matter jurisdiction, then the state district court for King County, Washington.

(b) By execution and delivery of this Agreement and such other documents executed in connection herewith, each Party hereby:

(i) Irrevocably agrees to be bound by any final judgment (after any and all appeals) of any such court with respect to such documents;

(ii) Irrevocably waives, to the fullest extent permitted by law, any objection which it may now or hereafter have to the laying of venue of any suit, action or proceedings with respect to such documents brought in any such court, and further irrevocably waives, to the fullest extent permitted by law, any claim that any such suit, action or proceedings brought in any such court has been brought in any inconvenient forum;

(iii) Agrees that service of process in any such action may be effected by mailing a copy thereof by certified mail, return receipt requested, postage prepaid, to such Party its address(es) set forth in Section 10.4, or at such other address of which the other Parties hereto shall have been notified; and

(iv) Agrees that nothing herein shall affect the right to effect service of process in any other manner permitted by law.

10.14 Waiver of Trial by Jury. EACH OF THE PARTIES HERETO HEREBY KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVES THE RIGHT EITHER OF THEM MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LITIGATION BASED HEREON, OR ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT AND ANY AGREEMENT CONTEMPLATED TO BE EXECUTED IN CONJUNCTION HEREWITH, OR ANY COURSE OF CONDUCT, COURSE OF DEALING, STATEMENTS (WHETHER VERBAL OR WRITTEN) OR ACTIONS OF ANY PARTY HERETO. THIS PROVISION IS A MATERIAL INDUCEMENT FOR THE PARTIES ENTERING INTO THIS AGREEMENT.

10.15 Disputes. In the event of any good faith dispute, controversy or claim between the Parties arising out of or relating to this Agreement (collectively, a “Dispute”), the Parties shall attempt in the first instance to resolve such Dispute through friendly consultations between the Parties. If such consultations do not result in a resolution of the Dispute within thirty (30) days after notice of the Dispute has been delivered to either party, then such Dispute shall be referred to the senior management of the Parties for resolution. If the Dispute has not been resolved within thirty (30) days after such referral to the senior management of the Parties, then either Party may pursue all of its remedies available in law or equity. The Parties agree to attempt to resolve all Disputes promptly, equitably and in a good faith manner, provided, however, that failure to resolve a Dispute shall not, standing alone, constitute a breach of this Agreement. Notwithstanding the existence of a Dispute, each Party shall fulfill its obligations in accordance with the terms hereof.

10.16 Specific Performance. The Parties agree that no adequate remedy at law exists for a breach or threatened breach of any of the provisions of this Agreement, the continuation of which unremedied will cause the aggrieved Party to suffer irreparable harm. Accordingly, notwithstanding any other provision of this Agreement, the Parties agree that the Parties shall be entitled, in addition to other remedies that may be available to them, to immediate injunctive relief from any breach or threatened breach of any of the provisions of this Agreement and to specific performance of their rights hereunder, as well as to any other remedies available at law or in equity. This right of specific enforcement is an integral part of the transactions contemplated by this Agreement and without that right, the Parties would not have entered into this Agreement. The Parties agree that they will not oppose the granting of an injunction, specific performance and other equitable relief on the basis that the opposing Party has an adequate remedy at law or an award of specific performance is not an appropriate remedy for any reason at law or in equity. The Parties shall not be required to provide any bond or other security in connection with any such order or injunction. The Parties also agree that (i) the seeking of any remedies pursuant to this Section 10.16 shall not in any way constitute a waiver of any right to seek any other form of relief that may be available under this Agreement.

10.17 No Third-Party Beneficiaries. Except as set forth in Section 7.1, this Agreement is intended solely for the benefit of the Parties hereto and nothing contained herein shall be construed to create any duty to, or standard of care with reference to, or any liability to, or any benefit for, any Person not a Party to this Agreement.

10.18 No Agency. This Agreement is not intended, and shall not be construed, to create any association, joint venture, agency relationship or partnership between the Parties or to impose any such obligation or liability upon either Party. Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act as or be an agent or representative of, or otherwise bind, the other Party.

10.19 Further Assurances. Upon the receipt of a written request from the other Party, each Party shall execute such additional documents, instruments and assurances and take such additional actions as are reasonably necessary to carry out the terms hereof. Neither Party shall

unreasonably withhold, condition or delay its compliance with any reasonable request made pursuant to this Section 10.19.

10.20 Good Faith. The Parties shall act in accordance with principles of good faith and fair dealing in the performance of this Agreement.

10.21 Forward Contract. Each Party acknowledges and intends, and agrees that it will not contest or dispute, that: (i) the transactions contemplated under this Agreement constitute “forward contracts” within the meaning of Title 11 of the United States Code (the “Bankruptcy Code”); (ii) Purchaser is a “forward contract merchant” within the meaning of the Bankruptcy Code; and (iii) Purchaser’s rights under Section 8.3 of this Agreement constitute “contractual rights to liquidate” the transactions within the meaning of the Bankruptcy Code. Each Party acknowledges and agrees that, for purposes of this Agreement, the other Party is not a “utility” as such term is used in Section 366 of the Bankruptcy Code, and each Party agrees to waive and not to assert the applicability of the provisions of Section 366 in any bankruptcy proceeding involving a Party. In any such proceeding, each Party further agrees to waive the right to assert that the other Party is a provider of last resort.

10.22 Separation of Functions. Seller hereby acknowledges that (i) Purchaser is acting solely in its capacity as a local distribution company, (ii) the activities of Purchaser as Transmission Provider are outside the scope of this Agreement, and (iii) Purchaser shall not have any liabilities or obligations hereunder arising out of any actions or inactions of Purchaser acting in its role as Transmission Provider.

10.23 Captions; Construction. All indexes, titles, subject headings, section titles, and similar items are provided for the purpose of reference and convenience and are not intended to affect the meaning of the content or scope of this Agreement. Any term and provision of this Agreement shall be construed simply according to its fair meaning and not strictly for or against any Party.

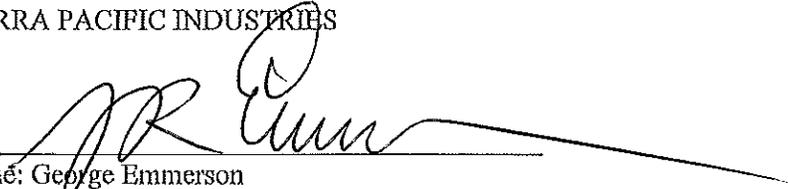
10.24 Entire Agreement. This Agreement supersedes all other prior and contemporaneous understandings or agreements, both written and oral, between the Parties relating to the subject matter of this Agreement.

10.25 Counterparts; Electronic Delivery. This Agreement may be executed in several counterparts, each of which shall be an original and all of which together shall constitute but one and the same instrument. The delivery of an executed counterpart of this Agreement by electronic exchange of .pdf documents shall be deemed to be valid delivery thereof.

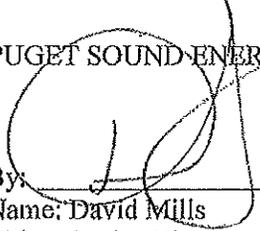
[Signature Page Follows]

IN WITNESS WHEREOF the Parties have executed this Agreement in the manner appropriate to each on the date set forth above.

SIERRA PACIFIC INDUSTRIES

By: 
Name: George Emmerson
Title: President

PUGET SOUND ENERGY, INC.

By: 
Name: David Mills
Title: Senior Vice President, Policy and Energy Supply

ANNEX I

“Affiliate” shall mean, with respect to any Person, (i) each Person that directly or indirectly, Controls such designated Person; (ii) any Person that beneficially owns or holds fifty percent (50%) or more of any class of voting securities of such designated Person or fifty percent (50%) or more of the equity interest in such designated Person; or (iii) any Person of which such designated Person beneficially owns or holds fifty percent (50%) or more of the equity interest.

“After-Tax Basis” shall mean, with respect to any payment received or deemed to have been received by any Person, the amount of such payment (the “Base Payment”) supplemented by a further payment (the “Additional Payment”) to such Person so that the sum of the Base Payment plus the Additional Payment shall, after deduction of the amount of all taxes required to be paid by such Person in respect of the receipt or accrual of the Base Payment and the Additional Payment (taking into account any current or previous credits or deductions arising from the underlying event giving rise to the payment, the Base Payment and the Additional Payment), be equal to the amount required to be received. Such calculations shall be made on the assumption that the recipient is subject to Federal income taxation at the highest applicable statutory rate applicable to corporations for the relevant period or periods, is subject to state and local income taxation at the highest applicable statutory rates applicable to corporations doing business in Skagit County, Washington, if applicable and shall take into account the deductibility (for Federal income tax purposes) of state and local income taxes.

“Agreement” shall have the meaning set forth in the first paragraph hereof.

“Ancillary Services” shall mean those services which can be provided to or by the Facility in addition to capacity and Energy, and which are described as “ancillary services” under any applicable OATT.

“Applicable Law” shall mean, with respect to any Person or the Facility, all laws, statutes, codes, acts, treaties, ordinances, orders, judgments, writs, decrees, injunctions, rules, tariffs, regulations, Governmental Approvals, licenses and permits, directives and requirements of all regulatory and other governmental authorities as may be amended, in each case applicable to or binding upon such Person or the Facility (as the case may be), including the standards and criteria of NERC, FERC, and WECC.

“Attestation Form” shall have the meaning set forth in Section 2.3(b).

“Attribute Price” shall mean [REDACTED] dollars and [REDACTED] cents (\$ [REDACTED]) per MWh.

“Attributes” shall mean any and all Capacity Attributes associated with the Contract Capacity and Generation Attributes associated with the Delivered Energy, provided that Attributes shall not include any Incentives.

“Availability Factor” means, for any Contract Year, the quotient, expressed as a percentage, obtained by dividing (i) the aggregate quantity of Delivered Energy and Deemed Energy for such Contract Year by (ii) the product of the Contract Capacity and the Period Hours in such Contract Year.

“Available Capacity” means the amount of Energy, expressed in MW per hour, expected to be produced from the Facility.

“Bankruptcy Code” shall have the meaning set forth in Section 10.21.

“Balancing Authority” shall have the meaning set forth in the NERC Glossary of Terms.

“Business Day” shall mean every day other than a Saturday or Sunday or any other day on which banks in the State of Washington are permitted or required to remain closed.

“CAISO” shall mean the California Independent System Operator.

“California RPS Qualifications” shall have the meaning set forth in Section 9.3.

“Capacity Attributes” shall mean any and all present or future (known or unknown) defined characteristics, certificates, tags, credits, or Ancillary Service attributes, whether general in nature or specific as to the location or any other attribute of the Facility, intended to value any aspect of the capacity of the Facility to produce Energy or Ancillary Services.

“CEC” means the California Energy Commission.

“Change in Law” means the adoption, enactment, promulgation, modification, amendment or revocation, after the Effective Date, of any Applicable Law, any interpretation, reinterpretation or administrative position relating to any Applicable Law, or any material requirements or condition in connection with the issuance, renewal, extension, replacement or modification of any Governmental Approval required by Seller in connection with this Agreement.

“Change of Control” shall mean, with respect to any Person, the occurrence of any one of the following with respect to such Person: (i) the consolidation with or merger into any other Person by such Person or by any other Person, or (ii) a direct or indirect assignment, conveyance, transfer, lease, exchange, conversion or other disposition of the equity interests in such Person or the voting rights with respect thereto; in either case, as a result of which the Person or Persons that Control, directly or indirectly, such Person shall cease to, directly or indirectly, Control such Person.

“Claim Notice” shall have the meaning set forth in Section 7.1(d).

“Confidential Information” shall have the meaning set forth in Section 10.1.

“Contract Capacity” shall mean 17 MW_{AC}.

“Contract Rate” shall mean the applicable rates set forth in Exhibit A for the Contract Year in which the Energy is delivered.

“Contract Records” shall have the meaning set forth in Section 10.6.

“Contract Year” shall mean each year during the Term, whether such year is comprised of three hundred sixty-five (365) or three hundred sixty-six (366) Days, commencing at 0000 prevailing time on the Delivery Term Start Date and ending at 2400 prevailing time on the day before the first anniversary of the Delivery Term Start Date, and each anniversary thereof, or, in the case of the last Contract Year, the expiration of the Initial Term or Renewal Term, as applicable.

“Control” of a Person, including the terms “controls,” “is controlled by,” and “under common control with,” means the possession, directly or indirectly through one or more intermediaries, of (a) a voting interest of more than fifty percent (50%) in such Person, or (b) the power to either (i) elect a majority of the directors (or Persons with equivalent management power) of such Person, or (ii) direct or cause the direction of the management or policies of such Person, whether through the ownership of securities or partnership, membership or other ownership interests, by contract, by operation of law or otherwise.

“CPUC” means the California Public Utilities Commission.

“Credit Rating” means (i) with respect to any entity other than a financial institution, the current (A) rating issued or maintained by S&P, Moody’s, or Fitch with respect to such entity’s long-term senior, unsecured, unsubordinated debt obligations (not supported by insurance provider or other third-party credit enhancements) or (B) corporate credit rating or long-term issuer rating issued or maintained with respect to such entity by S&P, Moody’s, or Fitch (provided that, if a corporate credit rating or long-term issuer rating is to be used for purposes of determining the Credit Rating, the rating used shall be one classification lower than the corporate credit rating or long-term issuer rating, as applicable, issued by S&P, Moody’s or Fitch), or (ii) if such entity is a financial institution, the ratings issued or maintained by S&P, Moody’s, or Fitch with respect to such entity’s long-term, unsecured, unsubordinated deposits. In the event that any of S&P, Moody’s, or Fitch do not provide equivalent ratings, the lowest rating of the three shall control.

“Creditworthy Bank” shall mean a U.S. state or federally chartered commercial bank (or U.S. branch of a foreign commercial bank) which has (i) assets of at least \$10,000,000,000 and (ii) senior unsecured long term debt or deposits that, at the time when the Letter of Credit is delivered, are rated at least “A-” (or its current equivalent) by S&P or Fitch and at least “A3” (or its then current equivalent) by Moody’s.

“Day” or “day” shall mean a period of twenty-four (24) consecutive hours beginning at 00:00 hours Pacific Prevailing Time on any calendar day and ending at 24:00 hours Pacific Prevailing Time on the same calendar day.

“Day-Ahead Availability Notice” shall have the meaning set forth in Section 2.10(b)(iii)(C).

“Deemed Energy” shall mean, for any applicable period during the Delivery Term, the amount of Energy that would have been Delivered Energy during such period (based on actual availability data during such period) but for (i) a Purchaser Voluntary Curtailment, (ii) a System Curtailment Order, (iii) an event of Force Majeure, (iv) a Seller Compliance Curtailment, (v) a System Emergency, (vi) an Event of Default by Purchaser that physically prevents the delivery of Energy to the Delivery Point, (vii) an outage on the Transmission Provider’s Transmission System, or (viii) a Seller Extraordinary Excuse Event, subject to the limitations thereon contained in Section 2.16.

“Defaulting Party” shall have the meaning set forth in Section 8.2.

“Delivered Energy” shall have the meaning set forth in Section 2.1(a).

“Delivery Point” shall mean, during each hour of the Term, the contract point known as SPI_CABO_GEN in e-tag scheduling documentation.

“Delivery Term” means the period time commencing on HE 0100 on January 1, 2021 and ending on HE 2400 on December 31, 2037 or, as applicable, HE 2400 of the final Day of a Renewal Term.

“Delivery Term Start Date” shall mean January 1, 2021.

“Disclosing Party” shall have the meaning set forth in Section 10.1.

“Dispute” shall have the meaning set forth in Section 10.15.

“Early Termination Date” shall have the meaning set forth in Section 8.2(a)(i).

“Effective Date” shall have the meaning set forth on the first page of this Agreement.

“Energy” shall mean electric energy generated by the Facility, and shall be in the form of three (3) phase, sixty (60) Hertz, alternating current.

“Event of Default” shall have the meaning set forth in Section 8.1.

“Facility” shall mean the electrical plant and equipment used to generate electricity utilizing biomass energy including, necessary ancillary electrical, metering, SCADA and control equipment, Seller’s Interconnection Facilities and any and all additions, replacements or modifications hereto.

“Federal Power Act” means the Federal Power Act of 1935, 16 U.S.C. § 791a, et seq.

“FERC” shall mean the Federal Energy Regulatory Commission.

“Fitch” shall mean Fitch Ratings Inc.

“Force Majeure” shall have the meaning set forth in Section 9.2.

“Forced Outage” shall mean the shutdown or unavailability of the Facility, or a portion thereof, other than as a Planned Outage, Purchaser Voluntary Curtailment or System Curtailment. A Forced Outage shall not include an outage that may be deferred to a Planned Outage consistent with Prudent Operating Practices and without causing or the reasonable likelihood of causing safety risk, damage to equipment or additional costs.

“Generation Attributes” shall mean any and all present or future (known or unknown) attributes associated with the capability of the Facility to produce Energy or Ancillary Services or the generation of Energy by the Facility, including current or future credits, credit privileges, emissions reductions, offsets, allowances and other benefits, rights, powers or privileges, however denominated, including as such may be provided for in any currently existing or subsequently enacted Applicable Law attributable to the Facility or the Energy that Purchaser purchases from Seller hereunder, other than Capacity Attributes. Examples of Generation Attributes include: RECs, the avoidance of the emission of any gas, chemical or other substance into the air, soil or water, or the reduction, displacement or offset of emissions resulting from fuel combustion at another location pursuant to any federal, state or local legislation or regulation addressing “greenhouse gases” or similar emissions as well as environmental or renewable energy credit trading program or any similar program now existing or hereafter developed under federal, state, local or foreign legislation or regulation or by any independent certification board or group generally recognized in the electric power industry. Generation Attributes include all rights to report ownership of any of the foregoing to any entity, organization, governmental body, or otherwise at Purchaser’s sole discretion, in each case that correspond to the Delivered Energy.

“Governmental Approvals” shall have the meaning set forth in Section 2.14.

“Governmental Authority” means any federal, state, local or municipal government, governmental department, city council, public power authority, public utility district, joint action agency, commission, board, bureau, agency, or instrumentality, or any judicial, regulatory or administrative body, having jurisdiction as to the matter in question, including NERC, FERC, and WECC.

“Guaranteed Annual Availability Factor” shall have the meaning set forth in Section 2.13(b)(i).

“Guaranteed Winter Period Monthly Output” shall have the meaning set forth in Section 2.13(a)(i).

“Incentives” shall mean (i) any and all present or future (whether known or unknown) state and federal investment and production tax credits, and any other tax credits which are or will be generated by the Facility, and (ii) present or future (whether known or unknown) cash payments, alternative digital currencies or cryptocurrencies provided or made available by non-governmental entities to the Facility or otherwise to renewable energy generators, or outright grants of money relating in any way to the Facility.

“Indemnified Party” shall have the meaning set forth in Section 7.1(d).

“Indemnifying Party” shall have the meaning set forth in Section 7.1(d).

“Initial Term” shall have the meaning set forth in Section 3.2.

“Interconnection Agreement” shall mean the Large Generator Interconnection Agreement, dated March 9, 2007 between Seller and Puget Sound Energy, Inc., as Transmission Provider, with respect to the Facility.

“Late Payment Rate” shall have the meaning set forth in Section 2.5(c).

“Lender” or “Lenders” shall mean any and all Persons or successors in interest thereof lending money, or extending credit to finance or fund the development, construction, ownership or operation of the Facility, including any refinancing(s) of such indebtedness.

“Letter of Credit” means an irrevocable, standby letter of credit issued by a Creditworthy Bank, substantially in the form of Exhibit C hereto or otherwise in form and substance satisfactory to Purchaser, and naming Purchaser as beneficiary thereunder, and otherwise meeting the requirements of this Agreement.

“Market Value” shall have the meaning set forth in Section 8.3.

“Marsh Credit Report” shall have the meaning set forth in Section **Error! Reference source not found.**

“Meter” shall mean a settlement quality, utility grade instrument and associated equipment meeting applicable electric industry standards as established by CAISO for SQMD, National Electrical Manufacturers Association and American National Standards Institute and used to measure and record the quantity and the required delivery characteristics of Energy delivered hereunder. Metering equipment must meet requirements for the most recent version of the CAISO Business Practice Manual for Metering as it relates to the creation of SQMD.

“Metering Point” shall mean the point designated as the point of interconnection in the Interconnection Agreement.

“Mid-Columbia Day-Ahead Off-Peak Price” shall mean the “ELECTRICITY-MID C OFF-PEAK-ICE” price, as published by the Intercontinental Exchange for the applicable day of delivery.

“Mid-Columbia Day-Ahead Peak Price” shall mean the “ELECTRICITY-MID C PEAK-ICE” price, as published by the Intercontinental Exchange for the applicable day of delivery.

“Minimum Contract Capacity” shall mean 12 MW_{AC}.

“Moody’s” shall mean Moody’s Investor Service, Inc. rating group, or its successor.

“MW” shall mean a megawatt of capacity.

“MWh” shall mean a megawatt hour of Energy (rounded to the third decimal point).

“NERC” shall mean the North American Electric Reliability Corporation.

“Net Electrical Output” means, for any hour of the Delivery Term: (i) if the Facility is operating, the total Energy output of the Facility as delivered to the Delivery Point (i.e., net of station load and as measured by the Meter at the Metering Point in accordance with the Interconnection Agreement), provided that in no event shall the Net Electrical Output be less than zero, and (ii) if the Facility is not operating, zero.

“Non-Defaulting Party” shall have the meaning set forth in Section 8.2.

“OATT” means a Transmission Provider’s FERC-approved open access transmission tariff.

“Operating Procedures” shall have the meaning set forth in Section 2.12.

“Pacific Prevailing Time” shall mean the prevailing time in the eighth time zone west of Greenwich Mean Time.

“Parties” shall have the meaning set forth in the first paragraph of this Agreement.

“Party” shall have the meaning set forth in the first paragraph of this Agreement.

“Period Hours” means the aggregate amount of hours in any given Contract Year.

“Person” shall mean an individual, partnership, corporation, business trust, joint-stock company, trust, unincorporated association, joint venture, Governmental Authority, limited liability company or any other entity of whatever nature.

“Planned Outage” shall mean the removal of equipment from service availability for inspection, maintenance or general overhaul of one or more equipment groups.

“Prime Rate” is the rate of interest per annum from time to time published in the money rates section of The Wall Street Journal or any successor publication thereto as the “prime rate” then in effect; provided that, in the event such rate of interest is less than zero, such rate shall be deemed to be zero for purposes of this Agreement; and provided, further, that if such rate of interest, as set forth from time to time in the money rates section of The Wall Street Journal, becomes unavailable for any reason, the “Prime Rate” shall mean a successor rate of interest per annum mutually agreed to as between Purchaser and Seller.

“Prudent Operating Practices” shall mean those practices, methods, standards and acts engaged in or approved by a significant portion of the electric power generation industry for facilities in the U.S. of size, type, and design similar to the Facility at the relevant time period, or, in the absence of such practices, methods, standards and acts, any of the practices, methods and acts, which in the exercise of reasonable judgment in light of the facts that were known or that should reasonably have been known at the time a decision was made, could have been expected to accomplish the desired result consistent with and Applicable Law, good business practices, reliability, safety, environmental protection, and reasonable standards of economy and expedition, and which practices, methods, standards and acts reflect due regard for applicable operation and maintenance standards and operational limits. Prudent Operating Practices are not intended to be limited to the optimum practice, method, standard or act to the exclusion of all others but rather to be a spectrum of acceptable practices, methods, standards or acts.

“Purchaser” shall have the meaning set forth in the first paragraph of this Agreement.

“Purchaser Voluntary Curtailment” shall mean the period of time during which (i) a Purchaser Voluntary Curtailment Order is in effect or (ii) Seller’s ability to tender Energy from the Facility for delivery at the Delivery Point is curtailed due to acts or omissions of Purchaser, or Purchaser’s designee or agent, the purpose or intent of which is to reduce deliveries of Energy by Seller under this Agreement for economic reasons.

“Purchaser Voluntary Curtailment Order” shall mean an instruction from Purchaser to Seller to reduce generation from the Facility by an amount and for a period of time as set forth in such instruction, for reasons unrelated to a System Curtailment Order. For sake of clarity, curtailment orders issued by Purchaser’s transmission function in its capacity as a Transmission Provider or any other Transmission Provider are System Curtailment Orders and not Purchaser Voluntary Curtailment Orders.

“Purchaser’s Check Meters” shall have the meaning set forth in Section 5.1(a)(iv).

“Purchaser’s Primary Meter” shall mean the Meter located at the Metering Point or on Seller’s side of the Metering Point, used for quantity measurements under this Agreement, in accordance with Article V.

“RCW” means the Revised Code of Washington.

“Receiving Party” shall have the meaning set forth in Section 10.1.

“RECs” means any and all present or future (known or unknown) renewable energy credits, offsets or other benefits allocated, assigned or otherwise awarded or certified to Seller or Purchaser by any Governmental Authority, program administrator or other certification board or other Person generally recognized in the renewable energy industry in connection with the Facility, including “renewable energy credits” or “alternative energy credits” as defined under certain state statutes and all rights to report ownership of such in compliance with federal, state or local laws and

regulations, including any reporting rights accruing under §1605(b) of the Energy Policy Act of 1992 and any present or future federal, state or local law or regulation, or international or foreign emissions trading programs.

“Renewal Term” shall have the meaning set forth in Section 3.3.

“Replacement Contract” shall mean a contract for the purchase and sale of renewable capacity (on an equivalent delivered basis) and energy produced from a renewable energy facility that (i) is entered into with a counterparty that has the same or similar creditworthiness as the Defaulting Party hereunder as of the Effective Date (or a counterparty whose obligations under the Replacement Contract are guaranteed by an entity with such creditworthiness), (ii) has a term substantially the same as the remaining unexpired portion of the Term, (iii) provides for the Attributes associated with the production of the energy to be transferred to the energy purchaser under such contract, and (iv) has a delivery point that is the same as or substantially similar to the Delivery Point hereunder or is otherwise delivered to Purchaser’s system, it being understood that commercially reasonable adjustments to the price under such contract shall be made to take into account, among other possible commercially material differences, differences due to length of term, capacity factors, Attributes and the location of the delivery point under the Replacement Contract compared to the Delivery Point hereunder.

“Retention Period” shall have the meaning set forth in Section 10.6.

“RPS Qualification Exceedance Notice” shall have the meaning set forth in Section 9.3.

“RPS Qualification Expenditure Maximum” shall have the meaning set forth in Section 9.3.

“RPS Qualification Improvement” shall have the meaning set forth in Section 9.3.

“S&P” shall mean Standard & Poor’s rating group (a division of McGraw-Hill, Inc.), or its successor.

“Scheduled Energy” shall mean all energy scheduled by Seller for delivery during such hour to the Delivery Point in accordance with Section 2.10(a).

“Scheduling Coordinator” shall mean the Person responsible for scheduling Energy from the Facility, in accordance with the OATT and the terms and conditions of this Agreement.

“Seller” shall have the meaning set forth in the first paragraph of this Agreement.

“Seller Compliance Curtailment” shall mean the period of time during which the Facility is partially or fully curtailed by Seller for the purpose of complying with Applicable Law or Governmental Approvals under a written curtailment protocol approved in advance by Purchaser in its reasonable discretion.

“Seller Credit Event” shall be deemed to have occurred if at any time Seller fails to satisfy its credit support obligations of Section 4.1 hereunder, which may include if a bank issuing a Letter of Credit as credit support hereunder ceases to be a “Creditworthy Bank.”

“Seller Extraordinary Excuse Event” shall have meaning set forth in Section 2.16(b).

“Seller’s Check Meters” shall have the meaning set forth in Section 5.1(c).

“Seller’s Designated Check Meter” shall mean Seller’s Check Meter, as adjusted to reflect the Energy delivered to the Metering Point, designated from time to time by Seller to act as a backup Meter pursuant to Section 5.2.

“Seller’s Interconnection Facilities” shall mean the interconnection facilities, control and protective devices and metering facilities required to connect the Facility with the Transmission Provider’s Transmission System up to, and on Seller’s side of, the Metering Point.

“Seller’s Output” shall mean, for any Contract Year or portion thereof, the (i) Delivered Energy in such period, *plus* (ii) the Deemed Energy in such period.

“Seller’s Primary Meter” shall mean the Meter installed to reflect the Energy delivered to the Metering Point.

“Special Termination Event” shall have the meaning set forth in Section 8.4.

“SQMD” shall mean Settlement Quality Meter Data.

“System Curtailment” shall mean the period of time during which a System Curtailment Order is in effect.

“System Curtailment Order” shall mean an instruction from a Transmission Provider or any other entity having authority, now or in the future, over the transmission system (which may include a reliability coordinator, Balancing Authority, independent system operator, distribution operator, etc.) to reduce generation from the Facility for (i) System Emergencies, (ii) outages (planned or unplanned) of any portion of the transmission system, or (iii) abnormal system conditions.

“System Emergency” shall mean an “Emergency Condition” (as defined in a Transmission Provider’s OATT).

“Term” shall have the meaning set forth in Section 3.1.

“Termination Payment” shall have the meaning set forth in Section 8.3.

“Third Party Scheduling Coordinator” shall mean a third party designated by Purchaser, in Purchaser’s sole discretion, to serve as the Scheduling Coordinator for the Facility under this Agreement.

“Transmission Charges” shall have the meaning set forth in Section 2.9.

“Transmission Provider” shall mean Puget Sound Energy, Inc., solely in its transmission function, or any successor to the Transmission Provider’s Transmission System.

“Transmission Provider’s Transmission System” shall mean the facilities for the transmission of Energy from and after the Delivery Point.

“Washington State and Local Sales and Use Taxes” means Washington state and local retail sales and use taxes (including Washington State Retail Sales Taxes) imposed pursuant to RCW 82.08, RCW 82.12 or RCW 82.14, if any, and other substantially similar sales and use taxes imposed under Washington state or local law (including, by reason of a change in Applicable Law) which, for purposes of clarity, the Parties specifically agree shall not include any business and occupation taxes.

“Washington RPS Qualification” shall have the meaning set forth in Section 9.3.

“WECC” shall mean Western Electricity Coordinating Council.

“Winter Period” shall mean the months of November, December, January, and February.

“WREGIS” means the Western Renewable Energy Generation Information System or its successor system(s).

EXHIBIT A
CONTRACT RATE
Initial Term

Contract Year	Contract Rate (\$/MWh)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	

REDACTED
VERSION

EXHIBIT B

RENEWABLE ATTESTATION FORM

A. Reference is made to that certain Power Purchase Agreement (the “Agreement”) by and between [Sierra Pacific Industries], a [California corporation] (“Seller”), and Puget Sound Energy, Inc., a Washington corporation (“Purchaser”), dated [●], 2019. Unless otherwise defined herein, all defined terms shall have the meanings assigned to them in the Agreement.

B. I, [Name], [Title], as the authorized representative of Seller hereby declare under penalty of perjury, to the best of my knowledge, that (1) Seller hereby sells, transfers and delivers to Purchaser, the Attributes associated with Delivered Energy that is actually purchased by Purchaser pursuant to the Agreement, and (2) the Attributes associated with Delivered Energy that is actually purchased by Purchaser pursuant to the Agreement:

1. were generated by the biomass-powered generation facility for the generation of electric energy located in Skagit County, Washington and sold, subject to receipt of payment, to Purchaser;
2. are solely and exclusively owned by Seller;
3. are sold only once by Seller exclusively to Purchaser;
4. have not been used by Seller or any third party at all, including to meet any other program requirements in this state or another state or jurisdiction including any federal, state, or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or renewable energy mandate;
5. were not sold separately to any end-use customer or other wholesale provider other than Purchaser during the calendar year; and
6. were not used on-site to power any electrical generation equipment or for other on-site uses.

Generator Name	Generator ID Number	Fuel Type (If biomass, lists fuel)	#MWhs RECs/ Power Sold	1 st Date of Generator Operation (mm/yy)	NOx Emissions (Lbs/MWh)	Co ₂ Emissions (Lbs/MWh)	Co ₂ Emissions (Lbs/MWh)	Period of Generation (Q#/year)
----------------	---------------------	---	-------------------------------	--	--------------------------------	--	--	---------------------------------------

[SPI]*	[SPI]*	Biomass			N/A	N/A	N/A	

*[SPI – SPI Burlington Facility]

C. This Attestation Form may be disclosed by Seller and Purchaser to others, including any certification authority, including but not limited to the Washington Utilities and Transportation Commission and the Federal Energy Regulatory Commission to substantiate and verify the accuracy of the Parties’ compliance, advertising and public claims.

D. As an authorized representative of Seller, I state that the above statements are true and correct to the best of my knowledge. This Attestation may serve as a bill of sale to confirm, in accordance with the Agreement, the transfer from Seller to Purchaser all of Seller’s right, title and interest in and to the Attributes as set forth above.

As an authorized agent of [Sierra Pacific Industries], I attest that the above statements are true and correct.

Name: _____

Title: _____

Place of Execution: _____

EXHIBIT C

LETTER OF CREDIT

[LETTERHEAD]

[Date]

Irrevocable Standby Letter of Credit No.

Beneficiary:

Puget Sound Energy, Inc.
10885 NE 4th Street
Bellevue, WA 98004-5591

Attn: [Name]
[Title]
[Phone]
[] (fax)

Applicant:

[]
[]
[]

Attn: Credit Department

Dear Madam or Sir:

We hereby establish for the account of [Sierra Pacific Industries] (the “Account Party”), our irrevocable standby letter of credit in your favor for an amount of USD \$[] ([*Amt in words*] Dollars United States currency) (the “Available Amount”). Account Party has advised us that this letter of credit is issued in connection with the Power Purchase Agreement, dated as of [], 2019 between Account Party and Beneficiary (as amended and as may be further amended, supplemented or otherwise modified). This letter of credit shall (i) become effective immediately for the term of one (1) year and shall expire on [] (the “Expiration Date”), and (ii) is subject to the following:

1. Funds under this letter of credit shall be made available to Beneficiary against its draft drawn on us in the form of Annex 1 hereto, accompanied by (a) a certificate in the form of Annex 2 hereto, appropriately completed and signed by an authorized officer of Beneficiary, dated the date of presentation and (b) the original of the letter of credit and all amendments (or photocopy of the original for partial drawings) and presented at our office located at [], attention [] (or

at any other office which may be designated by us by written notice delivered to you). A presentation under this letter of credit may be made only on a day, and during hours, in which such office is open for business (a "Business Day"). If we receive your presentation at such office on any Business Day, all in conformity with the terms and conditions of this letter of credit, we will unconditionally honor the same by making payment in accordance with your payment instructions on or before the third succeeding Business Day after such presentation. Partial and multiple drawing of funds shall be permitted under this Letter of Credit, and this Letter of Credit shall remain in full force and effect with respect to any continuing balance; *provided* that the Available Amount shall be reduced by the amount of each such drawing.

2. This letter of credit shall terminate upon the earliest to occur of (i) our receipt of a notice in the form of Annex 3 hereto signed by an authorized officer of Beneficiary, accompanied by this letter of credit for cancellation, (ii) our close of business at our aforesaid office on the Expiration Date, or if the Expiration Date is not a Business Day, then on the preceding Business Day. This letter of credit shall be surrendered to us by you upon the earlier of presentation or expiration.

3. It is a condition of the letter of credit that it shall be deemed to be automatically extended without amendment for additional one-year periods until [] (the "Final Expiration Date"), unless at least sixty (60) days prior to the Expiration Date we send you notice by registered mail, return receipt requested or courier service or hand delivery at the above address that we hereby elect not to consider this letter of credit extended for such additional period.

4. This letter of credit shall be governed by, and construed in accordance with, the terms of the International Standby Practices, ISP 98, International Chamber of Commerce Publication No. 590 (the "ISP"), to the extent that such terms are not inconsistent with this letter of credit. As to matters not governed by the ISP, this letter of credit shall be governed by, and construed in accordance with, the laws of the State of New York, including, without limitation, the Uniform Commercial Code as in effect in the State of New York.

5. This letter of credit sets forth in full our undertaking, and such undertaking shall not in any way be modified, amended, amplified or limited by reference to any document, instrument or agreement referred to herein, except for Annexes 1, 2 and 3 hereto and the notices referred to herein; and any such reference shall not be deemed to incorporate herein by reference any document, instrument or agreement except as otherwise provided in this paragraph 6.

6. Communications with respect to this letter of credit shall be in writing and shall be addressed to us at the address referred to in paragraph 1 above, and shall specifically refer to this letter of credit no. _____.

Very truly yours,

[LOC Issuer]

Authorized signature

ANNEX 1
TO LETTER OF CREDIT NO. _____

Draft under Letter of Credit No. _____

[*Month, Day , Year*]

On [*third business day next succeeding date of presentation*]

Pay to [] U.S. \$ _____ [not to exceed the Available Amount]

[Address 1]

[Address 2]

[*insert any wire instructions*]

For value received and charge to account of Letter of Credit No. _____ .

By: _____

Title: _____

ANNEX 2

TO LETTER OF CREDIT NO. _____

Drawing under Letter of Credit No. _____

The undersigned, a duly authorized officer of [_____], a [_____] located in [_____], (“Beneficiary”), hereby certifies on behalf of Beneficiary with reference to irrevocable standby Letter of Credit No. _____ (the “Letter of Credit”) issued for the account of [_____], that:

- 1) [pursuant to that certain [*agreement*] between Beneficiary and [*account party*] dated as of [_____], an Event of Default as defined in said Agreement has occurred and as a result, the Beneficiary is entitled to payment of an amount equal to _____ Dollars (\$____) from this Letter of Credit;]

--or--

[(i) Beneficiary has received notice from the Issuing Bank pursuant to Section 3 of the Letter of Credit, and (ii) the Letter of Credit will expire in fewer than thirty (30) Days from the date hereof. As such, as of the date hereof Beneficiary is entitled to draw under the Letter of Credit as specified in the accompanying sight draft.]

- 2) by presenting this certificate and the accompanying sight draft, Beneficiary is requesting that payment in the amount of \$_____, as specified on said draft, be made under the Letter of Credit by wire transfer or deposit of funds into the account specified on said draft;
- 3) the amount specified on the sight draft accompanying this certificate does not exceed the Available Amount to which Beneficiary is entitled to draft under said [*agreement*] as of the date hereof.

In witness whereof, Beneficiary has caused this certificate to be duly executed and delivered by its duly authorized officer as of the date and year written below.

Date: _____

By: _____

Title: _____

ANNEX 3

TO LETTER OF CREDIT NO. _____

Notice of surrender of Letter of Credit No. _____

Date: _____

Attention: Letter of Credit Department

Re: Letter of Credit No. _____ issued for the account of [*account party*]

Ladies and Gentlemen:

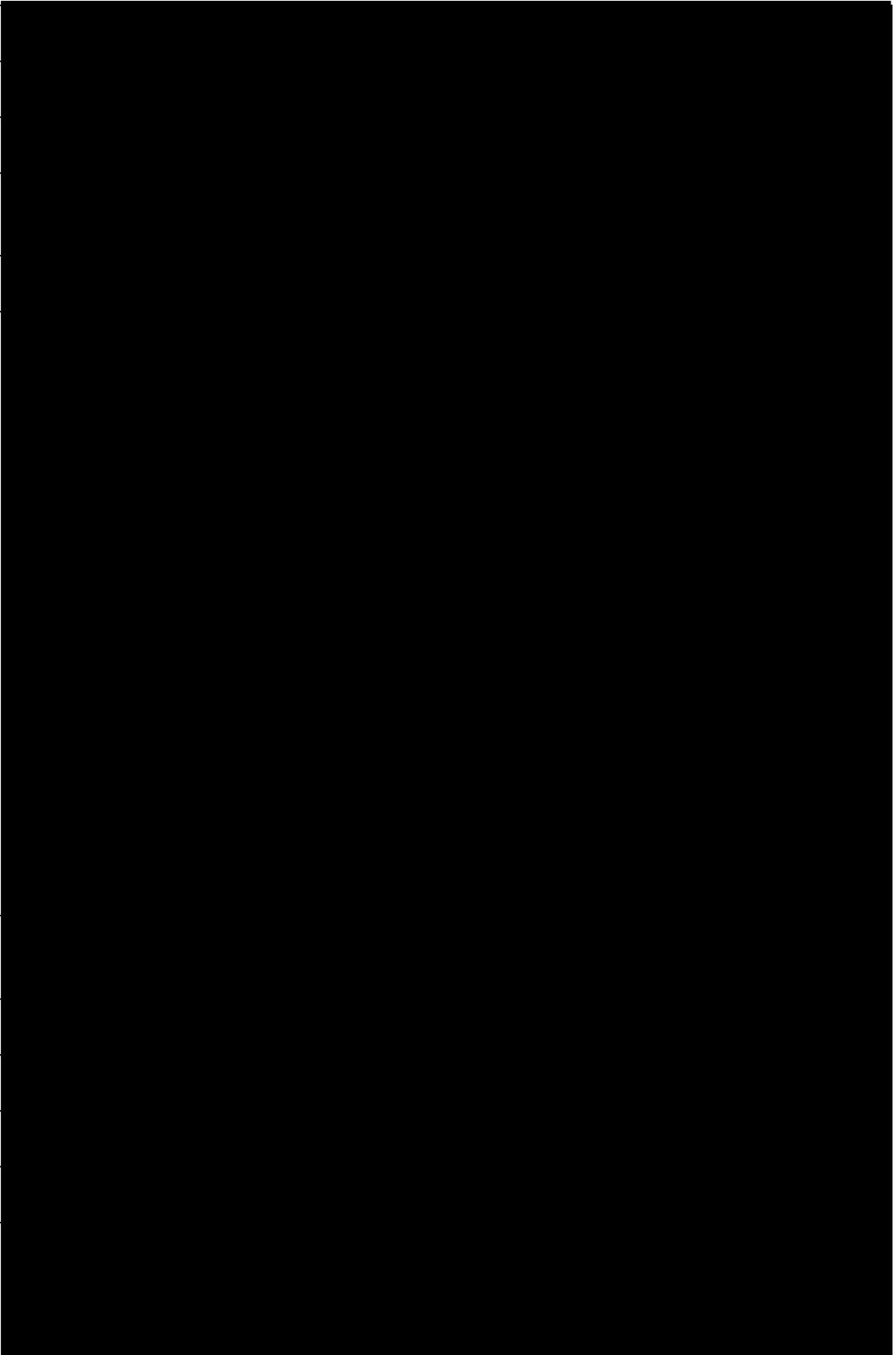
We refer to your above-mentioned irrevocable standby Letter of Credit (the “Letter of Credit”). The undersigned hereby surrenders the Letter of Credit to you for cancellation as of the date hereof. No payment is demanded of you under this Letter of Credit in connection with this surrender.

Very truly yours,

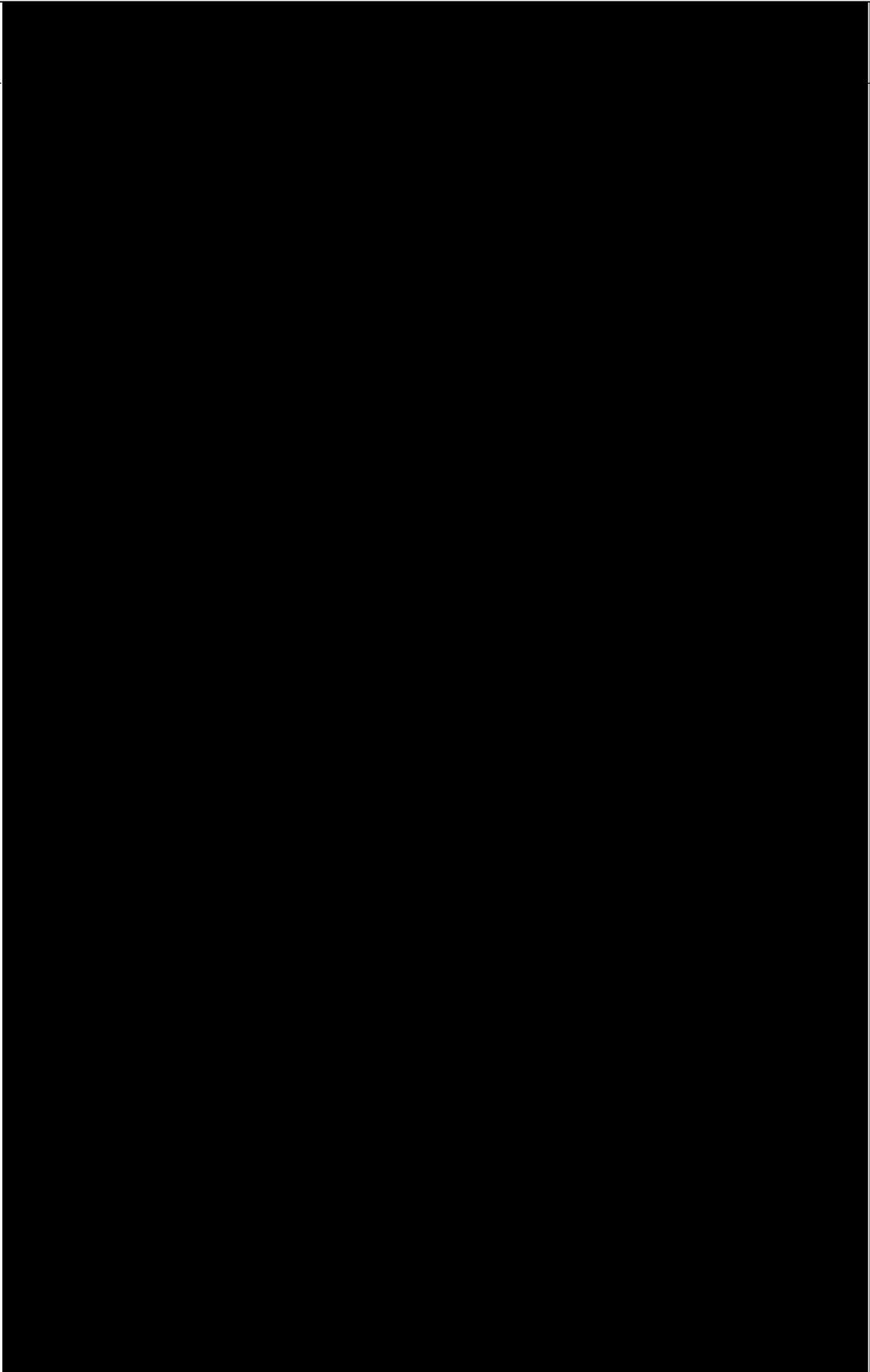
By: _____

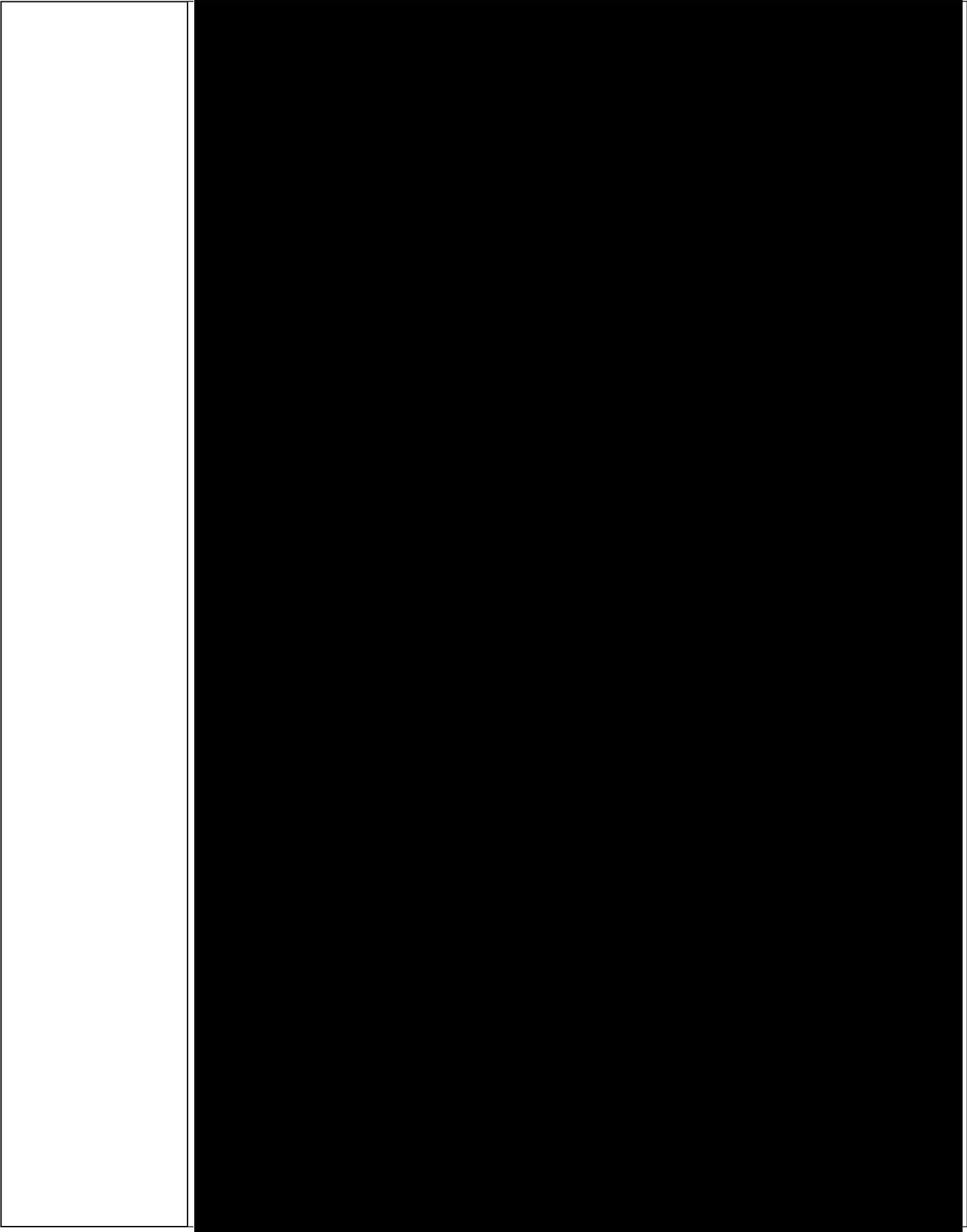
Title: _____

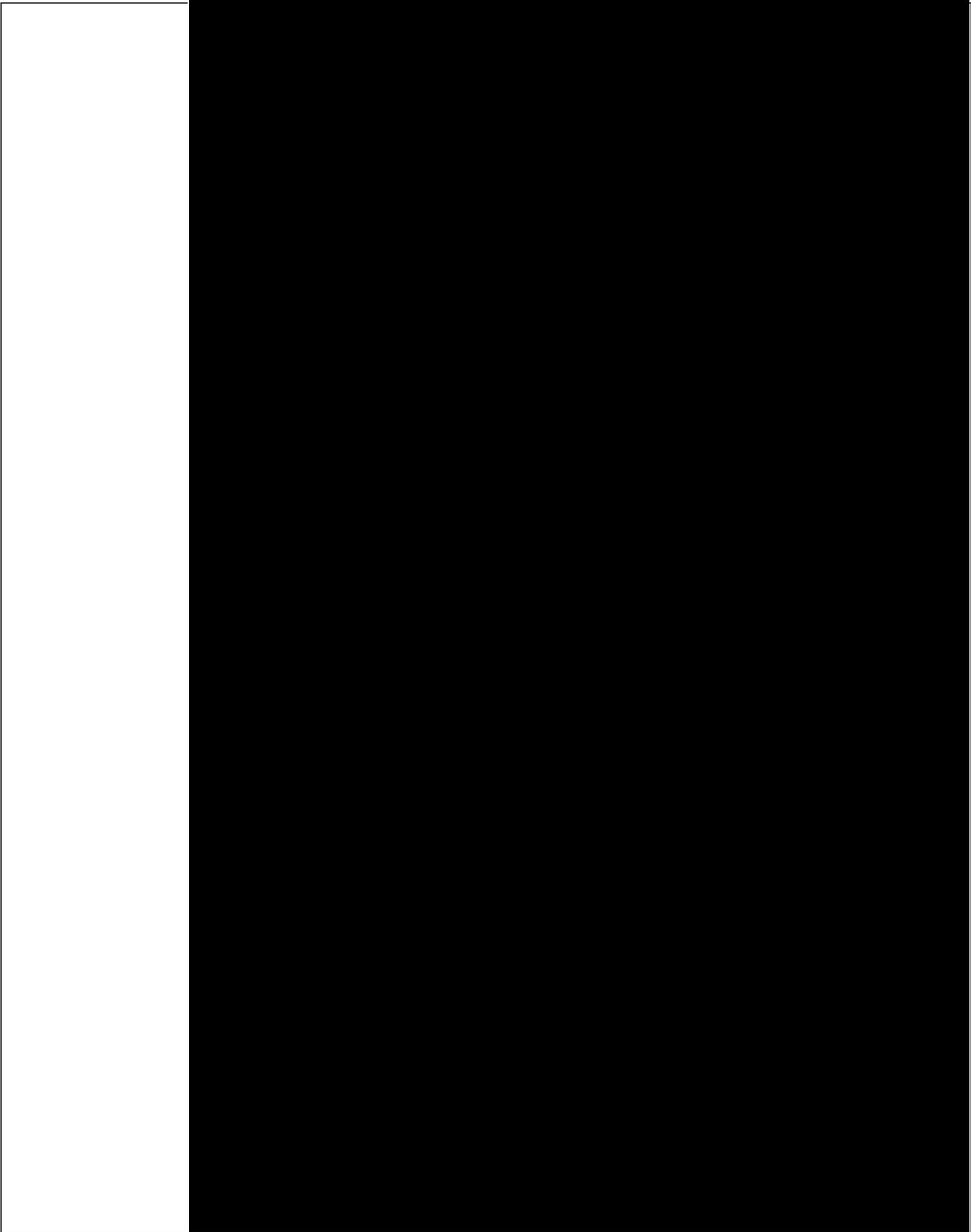
RENEWABLE ENERGY CREDITS ("RECs") PURCHASE AND SALE AGREEMENT ("Agreement") CONTRACT L

Seller:	
Seller Contact:	
Buyer:	
Buyer Contact:	
Transaction Date:	
Definitions:	
Product for Delivery to Buyer:	
Vintage:	
Quantity:	
Purchase Price:	
Transfer of RECs:	
Payment:	

General Terms and
Conditions:





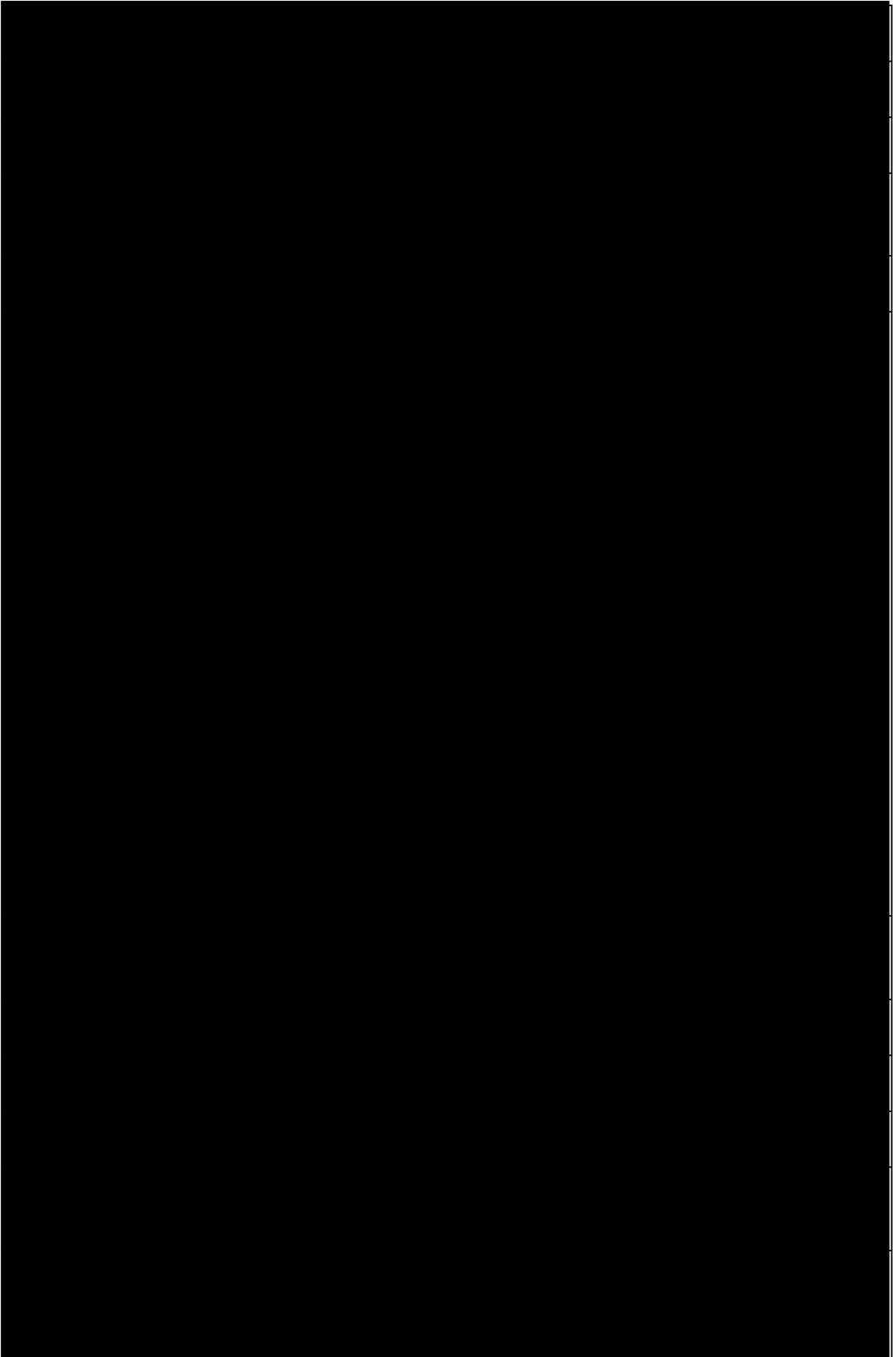




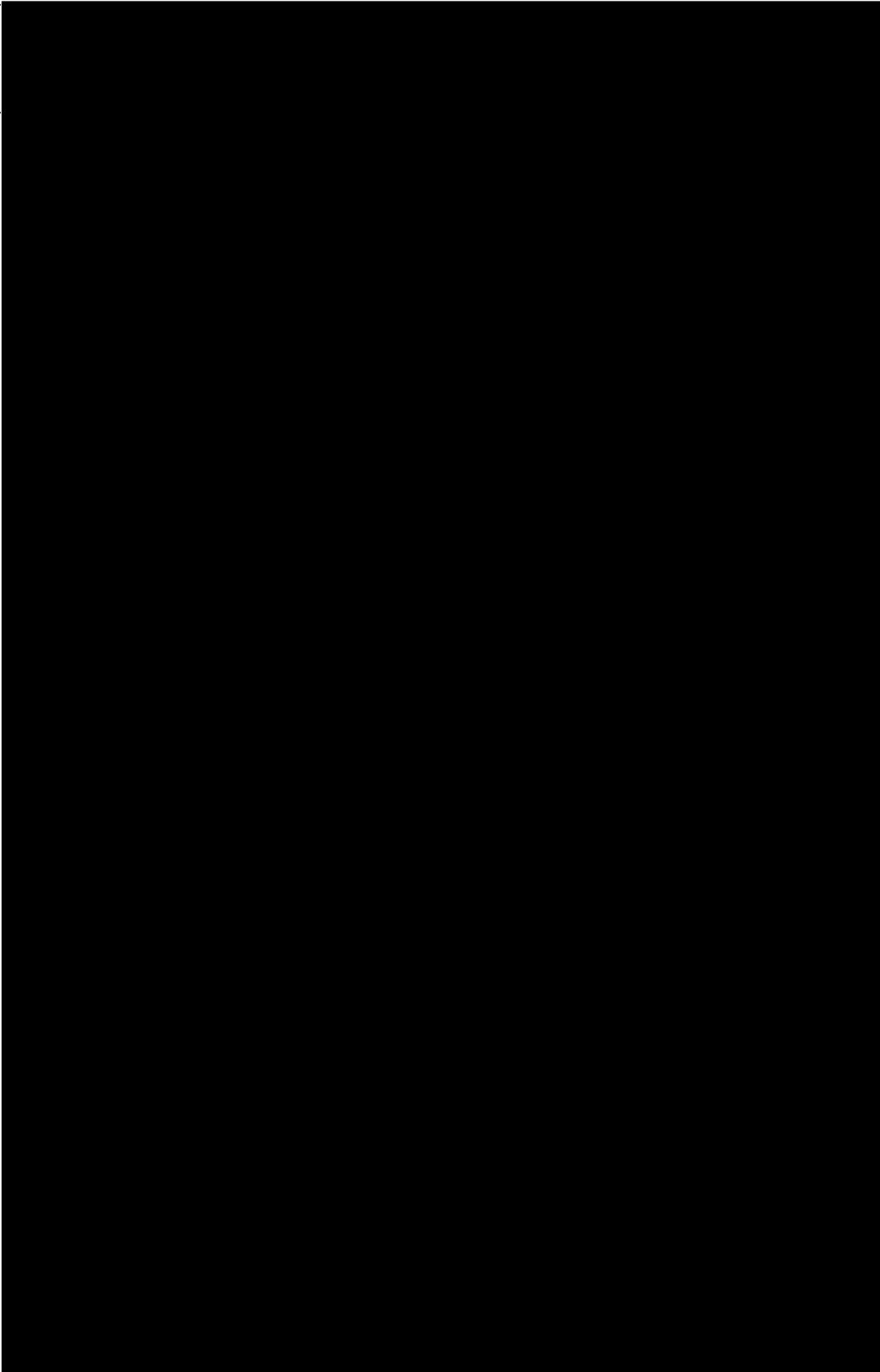
By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.



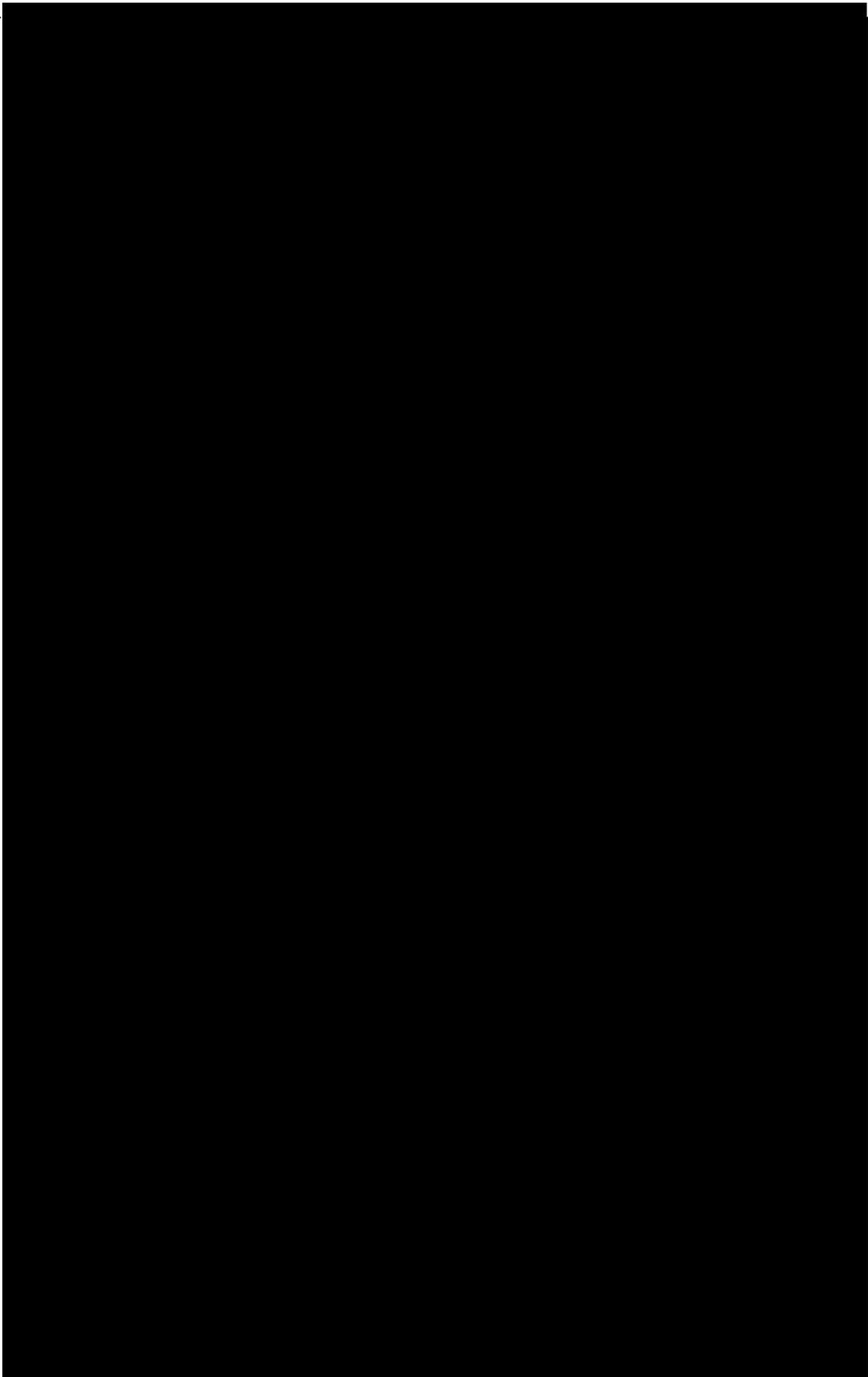
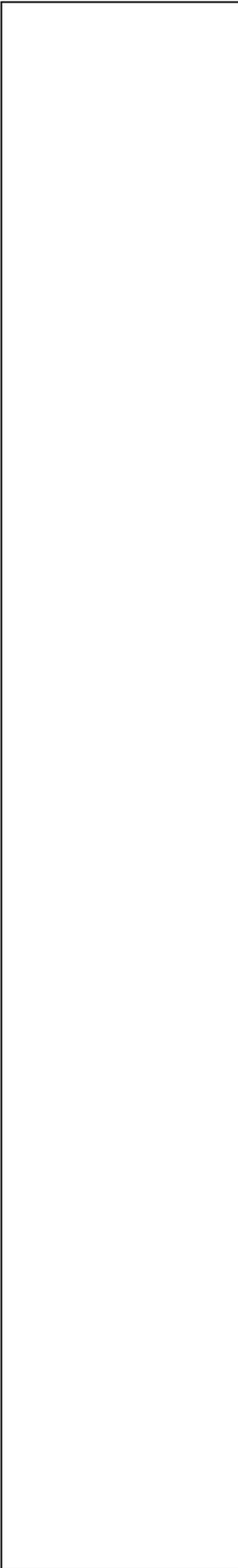
RENEWABLE ENERGY CREDITS (“RECs”) PURCHASE AND SALE AGREEMENT (“Agreement”)

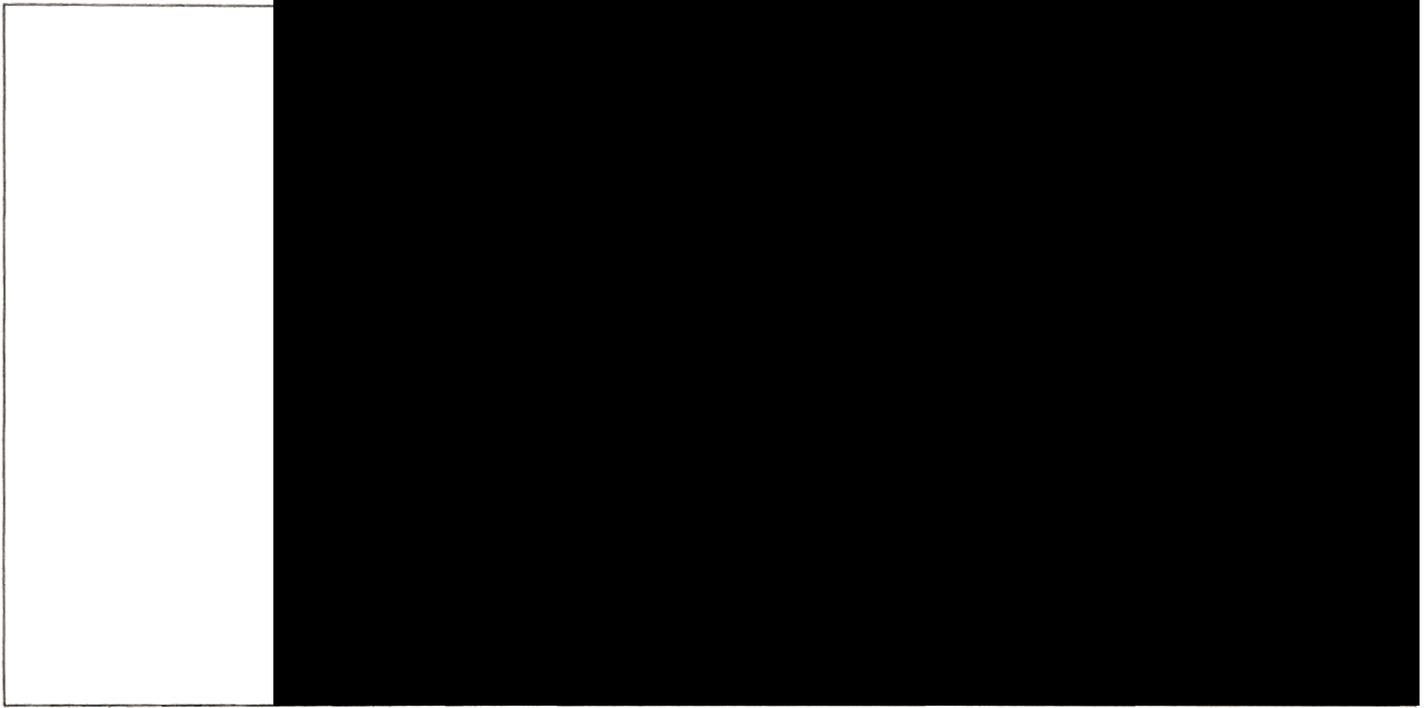
Seller:	
Seller Contact:	
Buyer:	
Buyer Contact:	
Transaction Date:	
Definitions:	
Product for Delivery to Buyer:	
Vintage:	
Quantity:	
Purchase Price:	
Transfer of RECs:	
Payment:	

General Terms and
Conditions:

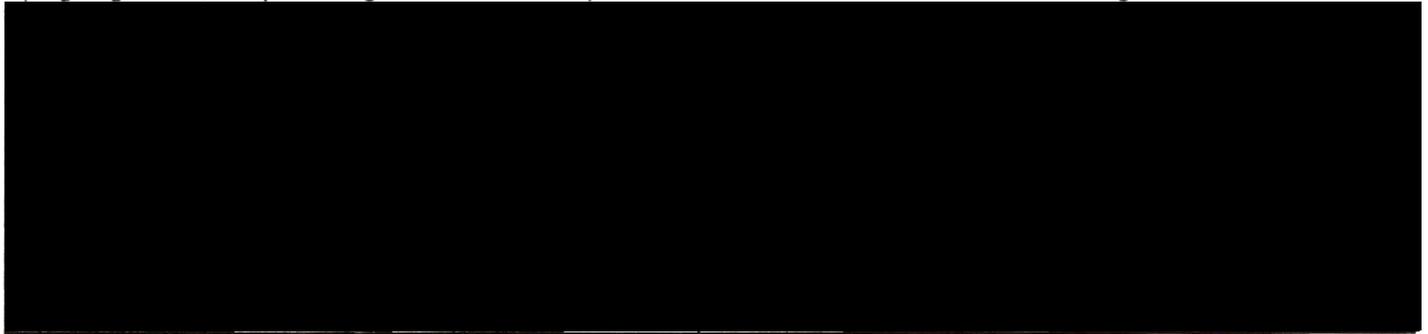








By signing below, the parties agree to be bound by the terms and conditions contained in this Agreement.





Please see green highlighted facilities.

WREGIS Active Generators

Printed Date: 5/18/2021 1:28:53 PM

Owner Name	WREGIS GU ID	Generator Plant/Unit Name	Facility Ownership Type	Qualifying Facility Indicator	Multi-Fuel/Energy Indicator	Fuel Type	Commenced Operation Date	Nameplate Capacity (MW-AC)	FERC Hydro License Date	FERC Hydro License Status	AZ	BC	CA	CO	MT	NV	NM	TX	WA	OR	AB	UT	Green-Energy Eligible	Ecologo Certified	Hydro Certification	Account Holder Company	Small Scale Aggregated Group	
SunE Solar III, LLC	W8	CA - Port of Oakland - Site 1 - CA - Port of Oakland - Site 1	Other Non-Utility	No	No	Solar	11/7/2007	0.899			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL31 Laguna Niguel, LLC	W9	Kohl's - Laguna Niguel #618 - SunE KHL31 Laguna Niguel	Other Non-Utility	No	No	Solar	9/30/2007	0.344			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL38 Murrieta, LLC	W10	Kohl's - Murrieta #585 - SunE KHL38 Murrieta	Other Non-Utility	No	No	Solar	9/30/2007	0.293			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL49 Rancho Santa Margarita, LLC	W11	Kohl's - Rancho Santa Margarita #548 - SunE KHL49 Rancho Santa Margarita	Other Non-Utility	No	No	Solar	9/30/2007	0.200			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL41 Ontario, LLC	W12	Kohl's - Ontario #601 - SunE KHL41 Ontario, LLC	Other Non-Utility	No	No	Solar	10/26/2007	0.286			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL40 Oceanside, LLC	W13	Kohl's - Oceanside #700 - SunE KHL40 Oceanside, LLC	Other Non-Utility	No	No	Solar	9/30/2007	0.284			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL55 San Bernardino, LLC	W14	Kohl's DC - San Bernardino #60600 - SunE KHL55 San Bernardino, LLC	Other Non-Utility	No	No	Solar	11/28/2007	0.996			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE Solar III, LLC	W15	CA - Kohl's - Corona North #593 - CA - Kohl's - Corona North #593	Other Non-Utility	No	No	Solar	10/29/2007	0.321			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE Solar IV, LLC	W16	CA - Kohl's - Yorba Linda #755 - CA - Kohl's - Yorba Linda #755	Other Non-Utility	No	No	Solar	9/4/2008	0.323			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE Solar III, LLC	W17	CA - Kohl's - La Verne #599 - CA - Kohl's - La Verne #599	Other Non-Utility	No	No	Solar	11/28/2007	0.349			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE Solar III, LLC	W18	CA - Kohl's - Glendora #595 - CA - Kohl's - Glendora #595	Other Non-Utility	No	No	Solar	11/28/2007	0.225			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL1 Alhambra, LLC	W19	Kohl's - Alhambra #790 - SunE KHL1 Alhambra, LLC	Other Non-Utility	No	No	Solar	12/27/2007	0.193			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL76 Victorville, LLC	W20	Kohl's - Victorville #636 - SunE KHL76 Victorville, LLC	Other Non-Utility	No	No	Solar	6/11/2008	0.347			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL42 Palmdale, LLC	W21	Kohl's - Palmdale #753 - SunE KHL42 Palmdale, LLC	Other Non-Utility	No	No	Solar	3/26/2008	0.214			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE Solar III, LLC	W22	CA - Kohl's - Chula Vista - Main #958 - CA - Kohl's - Chula Vista - Main #958	Other Non-Utility	No	No	Solar	12/18/2007	0.352			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL43 Paso Robles, LLC	W23	Kohl's - Paso Robles #960 - SunE KHL43 Paso Robles, LLC	Other Non-Utility	No	No	Solar	2/2/2008	0.343			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KL64 Santee, LLC	W24	Kohl's - Santee #756 - SunE KL64 Santee, LLC	Other Non-Utility	No	No	Solar	2/21/2008	0.323			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL10 Chula Vista, LLC	W25	Kohl's - Chula Vista East #726 - SunE KHL10 Chula Vista, LLC	Other Non-Utility	No	No	Solar	12/17/2007	0.140			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE Solar V, LLC	W26	CA - Kohl's - Moorpark #600 - CA - Kohl's - Moorpark #600	Other Non-Utility	No	No	Solar	9/23/2008	0.246			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL71 Upland, LLC	W27	Kohl's - Upland #607 - SunE KHL71 Upland, LLC	Other Non-Utility	No	No	Solar	6/25/2008	0.348			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL6 Buena Park, LLC	W28	Kohl's - Buena Park #589 - SunE KHL6 Buena Park, LLC	Other Non-Utility	No	No	Solar	5/22/2008	0.221			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL65 Seal Beach, LLC	W29	Kohl's - Seal Beach #604 - SunE KHL65 Seal Beach, LLC	Other Non-Utility	No	No	Solar	4/29/2008	0.193			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL69 Torrance, LLC	W30	Kohl's - Torrance #632 - SunE KHL69 Torrance, LLC	Other Non-Utility	No	No	Solar	6/26/2008	0.117			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL30 Ladera Ranch, LLC	W31	Kohl's - Ladera Ranch #597 - SunE KHL30 Ladera Ranch, LLC	Other Non-Utility	No	No	Solar	6/10/2008	0.133			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No
SunE KHL59 San Marcos, LLC	W32	Kohl's - San Marcos #707 - SunE KHL59 San Marcos, LLC	Other Non-Utility	No	No	Solar	7/26/2008	0.305			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Longroad Energy Marketing, LLC	No

WREGIS Active Generators (Continue)

Printed Date: 5/18/2021 1:28:53 PM

PacifiCorp	W179	Big Fork - Big Fork	IOU	No	Yes	LHN	1/1/1929	4.100	7/25/2003		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W180	JC Boyle - JC Boyle	IOU	No	Yes	Hydroelectric Water	10/1/1958	98.700	2/28/2006	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W180	JC Boyle - JC Boyle	IOU	No	Yes	IEH	10/1/1958	98.700	2/28/2006	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W180	JC Boyle - JC Boyle	IOU	No	Yes	LHN	10/1/1958	98.700	2/28/2006	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W181	Last Chance - Last Chance	IOU	No	No	Hydroelectric Water	2/1/1984	1.700		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W182	Eagle Point - Eagle Point	IOU	No	No	Hydroelectric Water	11/1/1957	2.800		Non-jurisdictional	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
Puget Sound Energy	W183	Wild Horse - Wild Horse	IOU	No	No	Wind	12/22/2006	228.600			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Puget Sound Energy	No
Puget Sound Energy	W184	Hopkins Ridge - Hopkins Ridge	IOU	No	No	Wind	11/27/2005	149.400			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Puget Sound Energy	No
PacifiCorp	W185	Marengo - Marengo	IOU	No	No	Wind	8/30/2007	140.400		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
TELOCASET WIND POWER PARTNERS, LLC	W186	Elkhorn Valley Wind Farm - Elkhorn Valley Wind Farm	Other Non-Utility	No	No	Wind	11/20/2007	100.650			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Idaho Power Company	No
Rock River I, LLC	W187	Rock River I - Rock River I	Other Non-Utility	No	No	Wind	11/8/2001	50.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
Wolverine Creek Energy LLC	W188	Wolverine Creek - Wolverine Creek	Other Non-Utility	No	No	Wind	2/12/2006	64.500		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
Eurus Combine Hills LLC	W189	Combine Hills - Combine Hills	Other Non-Utility	No	No	Wind	12/22/2003	41.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W194	Blundell - Blundell	IOU	No	No	Geothermal Energy	7/1/1984	26.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W195	Swift 1 - Swift 1	IOU	No	No	Hydroelectric Water	12/1/1958	240.000	6/26/2008		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp	W200	Leaning Juniper I - Leaning Juniper I	IOU	No	No	Wind	9/14/2006	100.500		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
PacifiCorp/ Eugene Water and Electric Board	W201	Footo Creek I - Footo Creek I	IOU/Municipal/Public Utility	No	No	Wind	4/22/1999	40.800		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	PacifiCorp	No
Modesto Irrigation District	W203	Stone Drop - Stone Drop	Municipal/Public Utility	No	No	Hydroelectric Water	4/15/1984	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Modesto Irrigation District	No
San Diego County Water Authority	W204	Rancho Penasquitos Hydroelectric Facility - RPHE5-G100	Municipal/Public Utility	No	No	Hydroelectric Water	1/23/2007	4.651	10/16/2007	not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	San Diego Water Authority	No
City of San Diego	W205	Point Loma WTP - GUF Unit 1	Municipal/Public Utility	Yes	No	Biogas	6/1/1985	2.285			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	City of San Diego - MWWd	No
City of San Diego	W206	Point Loma WTP - GUF Unit 2	Municipal/Public Utility	Yes	No	Biogas	6/1/1985	2.285			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	City of San Diego - MWWd	No
City of San Diego	W207	Point Loma WTP - GUF Unit 3	Municipal/Public Utility	Yes	No	Hydroelectric Water	5/17/2001	1.350	5/30/2001		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	City of San Diego - MWWd	No
Modesto Irrigation District	W208	Ripon Solar - Ripon Solar	Municipal/Public Utility	No	No	Solar	3/2/2007	0.030			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Modesto Irrigation District	No
Avista Corporation	W216	Nine Mile HED - Nine Mile HED	IOU	No	No	Hydroelectric Water	7/1/1910	17.600	6/18/2009		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Avista Utilities	No
Avista Corporation	W217	Upper Falls HED - Upper Falls HED	IOU	No	No	Hydroelectric Water	4/1/1922	10.200	6/18/2009		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Avista Utilities	No
Avista Corporation	W218	Monroe Street HED - Monroe Street HED	IOU	No	No	Hydroelectric Water	12/1/1992	14.800	6/18/2009		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Avista Utilities	No
Sacramento Municipal Utility District	W219	Solano Wind Facility - Solano Wind Phase 1 & 2	Municipal/Public Utility	No	No	Wind	12/1/2007	100.200			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Sacramento Municipal Utility District	No
Avista Corporation	W220	Post Falls HED - Post Falls HED	IOU	No	No	Hydroelectric Water	12/1/1906	6.600	6/18/2009		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Avista Utilities	No
Finley BioEnergy LLC	W221	Finley Buttes Landfill Gas Power Plant - Finley Buttes Landfill Gas Power Plant	Other Non-Utility	Yes	No	Biogas	1/1/2008	3.200			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Finley BioEnergy, LLC	No
Southern California Public Power Authority	W222	Tieton Hydropower - Turbine 1	Electric Wholesale Generator/Municipal/Public Utility	Yes	No	Hydroelectric Water	9/12/2006	6.900	6/27/1991		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Public Power Authority	No
Southern California Public Power Authority	W223	Tieton Hydropower - Turbine 2	Electric Wholesale Generator/Municipal/Public Utility	Yes	No	Hydroelectric Water	9/12/2006	6.900	6/27/1991		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Public Power Authority	No
Falls Creek H.P., L.P.	W225	Falls Creek Hydro - Falls Creek Hydro	Electric Wholesale Generator/Other Non-Utility	Yes	No	Hydroelectric Water	12/24/1984	4.100	12/24/1984		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	Yes	Eagle Creek Development Holdings, LLC	No

WREGIS Active Generators (Continue)

Printed Date: 5/18/2021 1:28:53 PM

Coachella Wind, LLC	W516	Altwind 1 - Altwind 1	Electric Wholesale Generator	Yes	No	Wind	12/18/1985	15.063			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Terra-Gen Wind Power	No
Edom Hills Project 1, LLC	W517	Edom Hills Project 1, LLC - Edom Hills Project 1, LLC	Electric Wholesale Generator	Yes	No	Wind	12/1/1985	20.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
AES SeaWest	W518	San Geronio Westwinds II, LLC - San Geronio Westwinds II, LLC	Electric Wholesale Generator	Yes	No	Wind	11/24/1985	9.800			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Calwind Resources, Inc.	W519	Tehachapi Wind Resource I - Tehachapi Wind Resource I	Electric Wholesale Generator	Yes	No	Wind	12/30/1984	9.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	CalWind Resources, Inc.	No
TGP Mojave Wind, LLC	W521	Desert Winds I - Desert Winds I	Electric Wholesale Generator	Yes	No	Wind	11/27/1989	48.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Terra-Gen Wind Power	No
Desert Winds II Pwr Purch Trst	W522	Desert Winds II Pwr Purch Trst - Desert Winds II Pwr Purch Trst	Electric Wholesale Generator	Yes	No	Wind	11/1/1989	67.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Terra-Gen Wind Power	No
TGP Mojave Wind, LLC	W523	Desert Winds III - Desert Winds III	Electric Wholesale Generator	Yes	No	Wind	12/1/1989	40.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Terra-Gen Wind Power	No
Sky River, LLC	W529	Wilderness I - Wilderness I	Electric Wholesale Generator	No	No	Wind	7/22/1991	36.775			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Sky River, LLC	No
Sky River, LLC	W530	Wilderness II - Wilderness II	Electric Wholesale Generator	No	No	Wind	5/31/1991	19.800			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Sky River, LLC	No
Sky River, LLC	W531	Wilderness III - Wilderness III	Electric Wholesale Generator	No	No	Wind	2/14/1991	20.925			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Sky River, LLC	No
Central Hydroelectric Corporation	W532	Central Hydroelectric Corp. - Central Hydroelectric Corp.	Electric Wholesale Generator	Yes	No	Hydroelectric Water	12/8/1990	11.950		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Hydrodynamics Inc	No
Desert Water Agency	W534	Whitewater - Desert Water Agency	Other Non-Utility	Yes	No	Hydroelectric Water	4/11/1986	1.375		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Covanta Stanislaus Inc	W535	Stanislaus Waste Energy Co. - Stanislaus Waste Energy Co.	Other Non-Utility	Yes	No	Municipal solid waste	9/6/1988	24.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Covanta Delano, Inc.	No
PacifiCorp	W536	Goodnoe Hills - Goodnoe Hills	IOU	No	No	Wind	5/31/2008	94.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	PacifiCorp	No
Escondido City of	W537	City of Escondido - Bear Valley	IOU	Yes	No	Hydroelectric Water	6/1/1986	1.500	6/25/1924		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	San Diego Gas & Electric	No
Lower Tule River Irrigation Dist.	W538	Lower Tule River Irrigation Dist. - Lower Tule River Irrigation Dist.	Municipal/Public Utility	Yes	No	Hydroelectric Water	12/3/1989	1.500	8/22/1983		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Oceanside, City of	W539	City of Oceanside - San Francisco Peak Hydro	IOU	Yes	No	Hydroelectric Water	9/15/1985	0.350		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	San Diego Gas & Electric	No
Monterey Regional Waste Management District	W540	Monterey Regional Waste Management District - MRWMD U1C06	Other Non-Utility	Yes	No	Biogas	5/18/2006	1.600			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Monterey Regional Waste Mgmt District	No
Monterey Regional Waste Management District	W541	Monterey Regional Waste Management District - MRWMD U4J09	Other Non-Utility	Yes	No	Biogas	7/8/2009	1.425			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Monterey Regional Waste Mgmt District	No
Exelon Wind, LLC	W542	Bennett Creek Windfarm - Bennett Creek Windfarm	Electric Wholesale Generator	Yes	No	Wind	9/30/2008	21.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Exelon Generation Company, LLC	No
Exelon Wind, LLC	W543	Hot Springs Windfarm - Hot Springs Windfarm	Electric Wholesale Generator	Yes	No	Wind	9/30/2008	21.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Exelon Generation Company, LLC	No
Southern California Edison	W544	Bishop Creek 2 - Bishop Creek 2 - Unit 2	IOU	No	No	Hydroelectric Water	11/1/1908	2.500	7/19/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W545	Bishop Creek 2 - Bishop Creek - Unit 3	IOU	No	No	Hydroelectric Water	6/1/1911	2.320	7/19/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W548	Bishop Creek 4 - Bishop Creek 4 - Unit 2	IOU	No	No	Hydroelectric Water	9/1/1905	1.000	7/21/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W549	Bishop Creek 4 - Bishop Creek 4 - Unit 3	IOU	No	No	Hydroelectric Water	6/1/1906	1.985	7/21/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W550	Bishop Creek 4 - Bishop Creek 4 - Unit 4	IOU	No	No	Hydroelectric Water	10/1/1907	2.180	7/21/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W551	Bishop Creek 4 - Bishop Creek 4 - Unit 5	IOU	No	No	Hydroelectric Water	6/1/1909	1.984	7/21/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W552	Bishop Creek 5 - Bishop Creek 5 - Unit 2	IOU	No	No	Hydroelectric Water	6/1/1919	2.532	7/22/1994		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No
Southern California Edison	W555	Mill Creek 3 - Mill Creek 3 - Unit 4	IOU	No	No	Hydroelectric Water	10/1/1904	1.000	7/22/2003		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Southern California Edison	No

WREGIS Active Generators (Continue)

Printed Date: 5/18/2021 1:28:53 PM

Costco Wholesale	W1468	Goleta 474 - Goleta	Other Non-Utility	No	No	Solar	1/29/2008	0.232			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1469	Culver City 479 - Culver City	Other Non-Utility	Yes	No	Solar	5/7/2008	0.487			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1470	Hawthorne 671 - Hawthorne	Other Non-Utility	No	No	Solar	12/31/2008	0.503			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1471	La Habra 777 - La Habra	Other Non-Utility	No	No	Solar	12/18/2007	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1472	Laguna Niguel II 690 - Laguna Niguel II	Other Non-Utility	Yes	No	Solar	12/17/2008	0.501			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1473	Gilroy 760 - Gilroy	Other Non-Utility	Yes	No	Solar	6/25/2009	0.601			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1474	Richmond 482 - Richmond	Other Non-Utility	Yes	No	Solar	10/14/2008	0.260			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1475	Concord 663 - Concord	Other Non-Utility	Yes	No	Solar	8/7/2008	0.260			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1476	San Luis Obispo 741 - San Luis Obispo	Other Non-Utility	No	No	Solar	2/13/2008	0.232			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Windy Flats Partners LLC	W1479	Windy Flats 2 - WFDE 2	Other Non-Utility	Yes	No	Wind	10/1/2009	115.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	No	Windy Flats Partners LLC	No
Costco Wholesale	W1480	La Mesa 469 - La Mesa	Other Non-Utility	No	No	Solar	11/21/2008	0.251			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1481	Lancaster 762 - Lancaster	Other Non-Utility	No	No	Solar	9/20/2006	0.578			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Windy Flats Partners LLC	W1482	Windy Flats - WFDE 3	Other Non-Utility	Yes	No	Wind	10/1/2009	29.900			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	No	Windy Flats Partners LLC	No
Costco Wholesale	W1483	Rancho Cucamonga 678 - Rancho Cucamonga	Other Non-Utility	Yes	No	Solar	8/21/2009	0.502			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1484	Livermore 146 - Livermore	Other Non-Utility	No	No	Solar	8/6/2009	0.226			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Milford Wind Corridor Phase I, LLC	W1486	Milford Wind Corridor Phase I, LLC - Milford Wind Corridor Phase I, LLC	Electric Wholesale Generator	No	No	Wind	11/16/2009	203.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Milford Wind Corridor Phase I, LLC	No
Sierra Pacific Industries	W1491	Sierra Pacific Burlington - Sierra Pacific Burlington	Other Non-Utility	Yes	No	Biomass	3/15/2007	24.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	No	Sierra Pacific Industries	No
Costco Wholesale	W1493	Victorville 1010 - Victorville	Other Non-Utility	No	No	Solar	11/25/2009	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1494	Fontana 627 - Fontana	Other Non-Utility	No	No	Solar	12/1/2009	0.488			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1495	Montclair 686 - Montclair	Other Non-Utility	No	No	Solar	12/9/2009	0.498			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1496	San Bernardino 478 - San Bernardino	Other Non-Utility	No	No	Solar	12/18/2009	0.498			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1497	Citrus Heights 771 - Citrus Heights	Other Non-Utility	No	No	Solar	12/31/2009	0.508			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1498	Inglewood 769 - Inglewood	Other Non-Utility	No	No	Solar	1/8/2010	0.504			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Costco Wholesale	W1499	San Dimas 1015 - San Dimas	Other Non-Utility	No	No	Solar	1/25/2010	0.504			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Costco Wholesale	No
Turlock Irrigation District	W1500	Parking Structure (Main Office) - Turlock Solar Photovoltaic Project	Municipal/Public Utility	No	No	Solar	8/14/2009	0.070		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Turlock Irrigation District	No
Exelon Wind, LLC	W1503	Tuana Springs Energy, LLC - Tuana Springs	Electric Wholesale Generator	Yes	No	Wind	5/14/2010	16.800			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Exelon Generation Company, LLC	No
Fall River Rural Electric Coop	W1505	Buffalo Hydro - Buffalo Hydro	Co-Op	No	No	Hydroelectric Water	4/1/1994	0.250	11/5/2004		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Yes	PNGC Power	No
Jon Tollenaar	W1507	Tollenaar Holsteins Dairy - Tollenaar Holsteins Dairy Manure Anaerobic Digester	Electric Wholesale Generator/Other Non-Utility	No	No	Biogas	4/24/2009	0.210			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Sacramento Municipal Utility District	No
NCPA	W1509	Geothermal Solar Unit_1 - Geo_Solar_1 Clearlake	Municipal/Public Utility	No	No	Solar	12/18/2008	0.975			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Northern California Power Agency	No
Southern California Edison	W1510	Mammoth Pool Reservoir - Mammoth Pool Fishwater Generator	IOU	No	No	Hydroelectric Water	1/1/1960	0.900		application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Southern California Edison	No
Hydro Holdings, LLC	W1511	Cottonwood Hydro, LLC - Cottonwood Hydro	Wholesale Marketer	Yes	No	Hydroelectric Water	2/21/2009	0.850		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Cottonwood Hydro, LLC	No
CalRENEW-1 LLC	W1519	CalRENEW-1 - CalRENEW-1	Other Non-Utility	Yes	No	Solar	4/29/2010	5.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	CalRENEW-1 LLC	No
J&A-Santa Maria II, LLC	W1520	J&A-Santa Maria II - J&A-Santa Maria 2	Other Non-Utility	No	No	Biogas	9/7/2010	1.426			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Janechek & Associates	No

WREGIS Active Generators (Continue)

Printed Date: 5/18/2021 1:28:53 PM

Southwestern Public Service	W1564	SRNM2010-J-01 - SRNM2010-J-01	Other Non-Utility	No	No	Solar	2/16/2010	0.052		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Southwestern Public Service Company	No
G2 Energy Ostrom Rd, LLC	W1565	G2 Energy Ostrom Rd - G2 Energy Ostrom RD	Municipal/Public Utility/Other Non-Utility	Yes	No	Biogas	1/28/2009	1.955		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Santa Clara	No		
Geysers Power Company	W1567	Geysers Power Plant - Calpine Geothermal Unit T6A Onsite Load	Electric Wholesale Generator	No	No	Geothermal Energy	1/1/1985	5.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Geysers Power Company, LLC	No		
Geysers Power Company	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	Electric Wholesale Generator	No	No	Geothermal Energy	1/1/1983	20.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Geysers Power Company, LLC	No		
Southern California Public Power Authority	W1571	Linden - Linden	Municipal/Public Utility	Yes	No	Wind	6/17/2010	50.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Southern California Public Power Authority	No		
Reclamation District 108	W1574	Sycamore Slough Solar Generating Project - Sycamore Slough Solar Generator # 1	Other Non-Utility	No	No	Solar	10/28/2009	0.333		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Reclamation District No. 108	No		
Big Creek Water Works, Ltd	W1586	Big Creek Hydro Project - Big Creek Water Works	Other Non-Utility	Yes	No	Hydroelectric Water	1/1/1987	5.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Big Creek Water Works, Ltd.	No		
Sierra Green Energy LLC	W1587	Sierra Green Energy Site#1 - SGE	Electric Wholesale Generator	No	No	Hydroelectric Water	6/3/2010	0.038		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sierra Green Energy LLC	No		
Portland General Electric	W1588	Biglow Canyon Wind Farm - Biglow Canyon 3	IOU	No	No	Wind	8/20/2010	161.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	Portland General Electric Company	No														
City of Pasadena	W1594	Glenarm - GT2	Municipal/Public Utility	No	Yes	Biogas	1/1/1976	28.800		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Pasadena	No		
City of Pasadena	W1594	Glenarm - GT2	Municipal/Public Utility	No	Yes	Natural Gas	1/1/1976	28.800		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Pasadena	No		
City of Pasadena	W1595	Glenarm - GT3	Municipal/Public Utility	No	Yes	Biogas	1/1/2004	60.500		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Pasadena	No		
City of Pasadena	W1595	Glenarm - GT3	Municipal/Public Utility	No	Yes	Natural Gas	1/1/2004	60.500		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Pasadena	No		
City of Pasadena	W1596	Glenarm - GT4	Municipal/Public Utility	No	Yes	Biogas	1/1/2004	60.500		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Pasadena	No		
City of Pasadena	W1596	Glenarm - GT4	Municipal/Public Utility	No	Yes	Natural Gas	1/1/2004	60.500		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Pasadena	No		
Hatchet Ridge Wind, LLC	W1600	Hatchet Ridge - Hatchet Ridge	Electric Wholesale Generator	No	No	Wind	10/6/2010	101.200	not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Hatchet Ridge Wind, LLC	No		
Coastal Energy Project, LLC	W1601	Coastal Energy Project, LLC - Coastal Energy Project, LLC	Municipal/Public Utility	No	No	Wind	6/14/2010	6.000	not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Grays Harbor PUD #1	No		
Southern California Public Power Authority	W1616	Magnolia Power Plant - Magnolia	Municipal/Public Utility	No	Yes	Biogas	9/1/2005	387.600		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Southern California Public Power Authority	No		
Southern California Public Power Authority	W1616	Magnolia Power Plant - Magnolia	Municipal/Public Utility	No	Yes	Natural Gas	9/1/2005	387.600		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Southern California Public Power Authority	No		
Tioga Energy	W1620	Humane Society of Silicon Valley - Humane Society of Silicon Valley	Other Non-Utility	No	No	Solar	6/17/2010	0.960		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	sPower, LLC	No		
San Gabriel Valley Municipal Water District	W1622	San Dimas Wash Hydro - San Dimas Wash Hydro	Municipal/Public Utility	Yes	No	Hydroelectric Water	3/1/1986	1.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Azusa	No		
City of Glendale	W1623	Grayson Power Plant - GPP-Unit 5	Municipal/Public Utility	Yes	Yes	Biogas	11/1/1964	44.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Glendale Water & Power	No		
City of Glendale	W1623	Grayson Power Plant - GPP-Unit 5	Municipal/Public Utility	Yes	Yes	Natural Gas	11/1/1964	44.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Glendale Water & Power	No		
City of Glendale	W1624	Grayson Power Plant - GPP- Unit 4	Municipal/Public Utility	Yes	Yes	Biogas	9/1/1959	44.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Glendale Water & Power	No		
City of Glendale	W1624	Grayson Power Plant - GPP- Unit 4	Municipal/Public Utility	Yes	Yes	Natural Gas	9/1/1959	44.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Glendale Water & Power	No		
City of Glendale	W1625	Grayson Power Plant - GPP - Unit 3	Municipal/Public Utility	Yes	Yes	Biogas	12/1/1953	20.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Glendale Water & Power	No		
City of Glendale	W1625	Grayson Power Plant - GPP - Unit 3	Municipal/Public Utility	Yes	Yes	Natural Gas	12/1/1953	20.000		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Glendale Water & Power	No		
Metropolitan Wastewater Management Commission	W1629	Metropolitan Wastewater Management Commission - MVMC Biogas Renewable Energy Project	Municipal/Public Utility	No	No	Biogas	12/1/1997	0.800		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	Eugene Water & Electric Board	No														
Hidden Hollow Energy LLC	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	Electric Wholesale Generator	No	No	Biogas	6/29/2006	3.200		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Hidden Hollow Energy LLC	No		
MP Holdings, LLC	W1635	McClellan Park Solar 1 - McClellan Park Solar 1	Electric Wholesale Generator	No	No	Solar	7/22/2010	0.093		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sacramento Municipal Utility District	No		

WREGIS Active Generators (Continue)

Printed Date: 5/18/2021 1:28:53 PM

Portland General Electric	W1722	River Mill - River Mill 1	IOU	No	Yes	IEH	11/1/1911	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1722	River Mill - River Mill 1	IOU	No	Yes	LHN	11/1/1911	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1723	River Mill - River Mill 2	IOU	No	Yes	Hydroelectric Water	12/1/1911	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1723	River Mill - River Mill 2	IOU	No	Yes	IEH	12/1/1911	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1723	River Mill - River Mill 2	IOU	No	Yes	LHN	12/1/1911	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1724	River Mill - River Mill 3	IOU	No	Yes	Hydroelectric Water	1/1/1912	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1724	River Mill - River Mill 3	IOU	No	Yes	IEH	1/1/1912	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	Portland General Electric Company	No
Portland General Electric	W1724	River Mill - River Mill 3	IOU	No	Yes	LHN	1/1/1912	3.300	9/1/1956	application pending	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Portland General Electric Company	No
Alta Wind I, LLC	W1727	Alta Wind I - Alta Wind I	Other Non-Utility	No	No	Wind	12/28/2010	150.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Southern California Edison	No
Sierra Pacific Industries	W1734	Sierra Pacific Burney Facility - SPI Burney Onsite Load	Other Non-Utility	Yes	No	Biomass	11/4/1986	3.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sierra Pacific Industries	No
Sierra Pacific Industries Inc.	W1735	Sierra Pacific Ind. (Lincoln) - SPI Lincoln Onsite Load	Other Non-Utility	Yes	No	Biomass	3/1/2004	5.900			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sierra Pacific Industries	No
Sierra Pacific Industries	W1736	Sierra Pacific Ind. (Quincy) - SPI Quincy Onsite Load	Other Non-Utility	Yes	No	Biomass	12/14/1986	6.270			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sierra Pacific Industries	No
PacifiCorp	W1737	PAC OSIP EO 1	IOU	No	No	Solar	8/25/2010	0.211			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	PacifiCorp	Yes
PacifiCorp	W1738	PAC OSIP PO 1	IOU	No	No	Solar	8/17/2010	0.245			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	PacifiCorp	Yes
PacifiCorp	W1739	PAC OSIP WV 1	IOU	No	No	Solar	1/4/2010	0.227			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	PacifiCorp	Yes
Goshen Phase II LLC	W1740	Goshen Phase II LLC - Goshen Phase II LLC	Electric Wholesale Generator	No	No	Wind	9/29/2010	124.500		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Southern California Edison	No
Sierra Pacific Industries	W1744	SPI Aberdeen - SPI Aberdeen Onsite Load	Other Non-Utility	Yes	No	Biomass	3/15/2003	3.800			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sierra Pacific Industries	No
FPL Energy Montezuma Wind, LLC	W1745	FPL Energy Montezuma Wind - FPL Energy Montezuma Wind	Other Non-Utility	No	No	Wind	1/19/2011	36.800			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	NextEra Energy Marketing, LLC	No
Top of the World Wind Energy LLC	W1749	Top of the World - Top of the World	Electric Wholesale Generator	No	No	Wind	10/1/2010	200.200			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	Duke Energy Generation Services	No
Imperial Irrigation District	W1751	Pilot Knob Unit 1 - Pilot Knob Unit 1	Municipal/Public Utility	No	No	Hydroelectric Water	1/31/1957	16.500		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	IMPERIAL IRRIGATION DISTRICT	No
David O. Harde	W1756	David O. Harde - LANDIS-HARDE	Other Non-Utility	Yes	No	Hydroelectric Water	3/20/1991	0.100	4/27/1990		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Pacific Gas and Electric Company	No
Sly Farms	W1760	Sly Farms PV Project - Sly Farms Photovoltaic	Other Non-Utility	No	No	Solar	9/22/2010	0.053			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Emerald People's Utility District	No
San Diego Gas & Electric	W1769	San Diego Gas & Electric - SDG&E-SD Community College District-Skills Center	IOU	No	No	Solar	7/8/2009	0.056			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	San Diego Gas & Electric	No
Perpetual Transportation LLC	W1775	Siemens Transportation Systems Inc (Parking Lot) P - Siemens I, Parking Lot	Electric Wholesale Generator	No	No	Solar	12/1/2008	0.593			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sacramento Municipal Utility District	No
Perpetual Transportation LLC	W1776	Siemens Transportation Systems Inc (Roof) P - Siemens I, Roof	Electric Wholesale Generator	No	No	Solar	12/1/2008	0.374			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	Sacramento Municipal Utility District	No
City of Ukiah	W1783	Lake Mendocino Hydro - Lake Mendocino Hydro	Municipal/Public Utility	No	No	Hydroelectric Water	5/1/1987	3.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	City of Ukiah	No
Four Peaks Energy, LLC	W1784	Four Peaks - Camino Real Landfill Biomass Project	Electric Wholesale Generator/Other Non-Utility	Yes	No	Biogas	5/22/2008	3.200			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	El Paso Electric Company	No

WREGIS Active Generators (Continue)

Printed Date: 5/18/2021 1:28:53 PM

GCL Solar USD 1, LLC	W2198	USD West Parking 95kW - University San Diego West Parking 95kW	Other Non-Utility	No	No	Solar	2/25/2011	0.090			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	No	GCL Solar Energy, Inc	No
SolarCity Corporation	W2199	Monterey Regional Treatment Plant - Monterey Solar-A	Other Non-Utility	No	No	Solar	12/21/2010	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Monterey One Water	No	
SolarCity Corporation	W2200	Monterey Regional Treatment Plant - Monterey Solar-B	Other Non-Utility	No	No	Solar	12/21/2010	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Monterey One Water	No	
Pacific Gas & Electric Company	W2201	Five Points Solar Station - Five Points Solar Station	IOU	No	No	Solar	9/24/2011	15.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Pacific Gas and Electric Company	No	
Pacific Gas & Electric Company	W2202	Westside Solar Station - Westside Solar Station	IOU	No	No	Solar	8/31/2011	15.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Pacific Gas and Electric Company	No	
Pacific Gas & Electric Company	W2203	Stroud Solar Station - Stroud Solar Station	IOU	No	No	Solar	9/26/2011	20.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Pacific Gas and Electric Company	No	
Santiam Water Control District	W2204	water street hydro - water street	Municipal/Public Utility	Yes	No	Hydroelectric Water	1/1/1984	0.189	12/31/1984		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Santiam Water Control District	No	
City of Pasadena	W2206	Azusa Hydro Electric Project - Azusa hydro	Municipal/Public Utility	No	No	Hydroelectric Water	2/1/1949	3.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	City of Pasadena	No	
Foundation HA Energy Generation, LLC	W2208	Foundation ST - Foundation ST	Other Non-Utility	Yes	No	Wind	5/30/2011	2.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Foundation Windpower	No	
Lacomb Irrigation District	W2210	Lacomb Irrigation District Hydro Project - Lacomb Irrigation District Hydro Project	Other Non-Utility	Yes	No	Hydroelectric Water	12/14/1986	0.952	3/20/1983		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Lacomb Irrigation District	No	
Public Service Company of New Mexico	W2220	Los Lunas Solar Energy Center - Los Lunas Solar Energy Center	IOU	No	No	Solar	6/7/2011	5.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Public Service Company of New Mexico	No	
Los Angeles Department of Water and Power	W2228	Valley Generating Station - Valley Generating Station Units 6	Municipal/Public Utility	No	Yes	Biogas	7/1/2004	182.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Los Angeles Department of Water and Power	W2228	Valley Generating Station - Valley Generating Station Units 6	Municipal/Public Utility	No	Yes	Natural Gas	7/1/2004	182.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Cosmo Specialty Fibers	W2233	Cosmo Specialty Fibers - Cos1	Wholesale Marketer	Yes	Yes	BBL	1/1/1957	7.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Cosmo Specialty Fibers Inc.	No	
Cosmo Specialty Fibers	W2233	Cosmo Specialty Fibers - Cos1	Wholesale Marketer	Yes	Yes	Biomass	1/1/1957	7.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Cosmo Specialty Fibers Inc.	No	
Cosmo Specialty Fibers	W2233	Cosmo Specialty Fibers - Cos1	Wholesale Marketer	Yes	Yes	Diesel	1/1/1957	7.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	No	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Cosmo Specialty Fibers Inc.	No	
Portland General Electric	W2234	PGE-SPO-G8 - PGE-SPO-G8	Other Non-Utility	No	No	Solar	7/1/2011	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Portland General Electric Company	No	
Los Angeles Department of Water and Power	W2236	Haynes Generating Station - Haynes Generating Station Unit 8	Municipal/Public Utility	No	Yes	Biogas	1/15/2005	264.300			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Los Angeles Department of Water and Power	W2236	Haynes Generating Station - Haynes Generating Station Unit 8	Municipal/Public Utility	No	Yes	Natural Gas	1/15/2005	264.300			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Los Angeles Department of Water and Power	W2237	Haynes Generating Station - Haynes Generating Station Unit 9	Municipal/Public Utility	No	Yes	Biogas	1/15/2005	182.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Los Angeles Department of Water and Power	W2237	Haynes Generating Station - Haynes Generating Station Unit 9	Municipal/Public Utility	No	Yes	Natural Gas	1/15/2005	182.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Los Angeles Department of Water and Power	W2238	Haynes Generating Station - Haynes Generating Station Unit 10	Municipal/Public Utility	No	Yes	Biogas	1/15/2005	182.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
Los Angeles Department of Water and Power	W2238	Haynes Generating Station - Haynes Generating Station Unit 10	Municipal/Public Utility	No	Yes	Natural Gas	1/15/2005	182.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Los Angeles Department of Water and Power	No	
PacifiCorp	W2240	PAC OSIP SO 2	IOU	No	No	Solar	5/20/2011	0.265			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Not Declared	No	No	No	PacifiCorp	Yes	
Cosmo Specialty Fibers Inc.	W2242	Cosmo Specialty Fibers Inc. - COS2	Wholesale Marketer	Yes	Yes	BBL	1/1/1957	7.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Cosmo Specialty Fibers Inc.	No	
Cosmo Specialty Fibers Inc.	W2242	Cosmo Specialty Fibers Inc. - COS2	Wholesale Marketer	Yes	Yes	Biomass	1/1/1957	7.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Cosmo Specialty Fibers Inc.	No	



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:14:48 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	7	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	4,568	2233- WA- 351208- 1 to 4568	1/13/2020 8:54:33 AM	CONTRACT A	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	805355
2019	8	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	4,391	2233- WA- 355506- 1 to 4391	1/13/2020 8:54:33 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	805357
2019	9	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	2,697	2233- WA- 359992- 682 to 3378	1/13/2020 8:54:34 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	805360
2019	10	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	4,709	2233- WA- 364452- 1 to 4709	4/3/2020 8:01:36 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	840017
2019	11	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	4,720	2233- WA- 368041- 1 to 4720	4/3/2020 8:01:37 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	840019
2019	12	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	3,009	2233- WA- 375517- 1 to 3009	4/3/2020 8:01:37 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	840022



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:10:11 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	12	W2233	Cosmo Specialty Fibers - Cos1	BIM	PugetSound	1,777	2233- WA- 375517- 3010 to 4786	5/27/2020 1:12:26 PM	CONTRACT B	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	892542



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:16:41 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	7	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	4,825	2242- WA- 351647- 1 to 4825	1/13/2020 8:54:33 AM	CONTRACT A	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	805356
2019	8	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	4,792	2242- WA- 355935- 1 to 4792	1/13/2020 8:54:34 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	805358
2019	9	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	3,347	2242- WA- 360449- 1 to 3347	1/13/2020 8:54:34 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	805359
2019	10	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	4,647	2242- WA- 364872- 1 to 4647	4/3/2020 8:01:37 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	840018
2019	11	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	4,656	2242- WA- 368029- 1 to 4656	4/3/2020 8:01:37 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	840020
2019	12	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	3,639	2242- WA- 376036- 1 to 3639	4/8/2020 5:23:34 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	873739



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:12:11 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	12	W2242	Cosmo Specialty Fibers Inc. - COS2	BIM	PugetSound	1,081	2242- WA- 376036- 3640 to 4720	5/27/2020 1:12:26 PM	CONTRACT B	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	892543



REDACTED
 VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:21:13 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2020	4	W536	Goodnoe Hills - Goodnoe Hills	WND	PugetSound	2,000	536-WA- 398512- 9001 to 11000	3/23/2021 11:48:49 AM	Contract C	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041349
2020	5	W536	Goodnoe Hills - Goodnoe Hills	WND	PugetSound	2,000	536-WA- 404032- 9001 to 11000	3/23/2021 11:48:49 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041350
2020	6	W536	Goodnoe Hills - Goodnoe Hills	WND	PugetSound	2,000	536-WA- 409712- 9001 to 11000	3/23/2021 11:48:49 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041345



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:25:44 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2020	1	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	2,251	1634-ID- 381107- 1 to 2251	8/21/2020 8:04:14 AM	Contract D	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	939087
2020	2	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	500	1634-ID- 385466- 532 to 1031	8/21/2020 8:04:15 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	939090
2020	2	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	531	1634-ID- 385466- 1 to 531	8/21/2020 8:04:15 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	939088
2020	2	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	1,068	1634-ID- 385466- 1032 to 2099	1/7/2021 9:17:43 AM	Contract E	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016073
2020	3	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	2,218	1634-ID- 390191- 1 to 2218	8/21/2020 8:04:15 AM	Contract D	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	939089

2020	6	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	808	1634-ID-404277-1353 to 2160	1/7/2021 9:17:43 AM	Contract E	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1016074
2020	7	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	2,187	1634-ID-409887-1 to 2187	1/7/2021 9:22:23 AM	Contract D	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1016068
2020	8	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	2,212	1634-ID-417528-1 to 2212	1/7/2021 9:22:23 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1016069
2020	9	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	1,005	1634-ID-423644-1102 to 2106	4/16/2021 5:36:07 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1089017
2020	9	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	1,101	1634-ID-423644-1 to 1101	1/7/2021 9:22:23 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1016070
2020	10	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	2,213	1634-ID-429991-1 to 2213	4/16/2021 5:36:07 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1089018

**REDACTED
VERSION**

Inter-Account Transfer (Continue)

Printed Date: 5/27/2021 9:25:44 AM

2020	11	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	2,157	1634-ID-437158-1 to 2157	4/16/2021 5:36:07 AM	Contract D	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1089019
2020	12	W1634	Hidden Hollow Energy LLC - Hidden Hollow Energy	BIG	PugetSound	125	1634-ID-447297-1 to 125	4/16/2021 5:36:08 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1089020



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:28:52 AM

Year	Month	WREGIS GUID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	7	W817	Klondike IIIa - Klondike Wind Power IIIa	WND	PugetSound	172	817-OR-351910-20133 to 20304	5/27/2020 1:12:20 PM	Contract F	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	889142
2019	7	W817	Klondike IIIa - Klondike Wind Power IIIa	WND	PugetSound	450	817-OR-351910-20305 to 20754	5/27/2020 1:12:20 PM	Contract F	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	889145
2019	11	W817	Klondike IIIa - Klondike Wind Power IIIa	WND	PugetSound	1,230	817-OR-372961-1230 to 2459	5/27/2020 1:12:20 PM	Contract F	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	889146



**REDACTED
VERSION**

Inter-Account Transfer

Printed Date: 5/27/2021 9:31:04 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2020	1	W185	Marengo - Marengo	WND	PugetSound	2,000	185-WA-378689-13001 to 15000	3/23/2021 11:48:49 AM	Contract C	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041346
2020	2	W185	Marengo - Marengo	WND	PugetSound	2,000	185-WA-382700-12001 to 14000	3/23/2021 11:48:48 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041344
2020	3	W185	Marengo - Marengo	WND	PugetSound	2,000	185-WA-387643-12001 to 14000	3/23/2021 11:48:49 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041347
2020	4	W185	Marengo - Marengo	WND	PugetSound	2,000	185-WA-398489-12001 to 14000	3/23/2021 11:48:49 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041348
2020	5	W185	Marengo - Marengo	WND	PugetSound	2,000	185-WA-404007-10001 to 12000	3/23/2021 11:48:48 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041342
2020	6	W185	Marengo - Marengo	WND	PugetSound	937	185-WA-409705-10001 to 10937	3/23/2021 11:48:48 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1041343



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:38:13 AM

Year	Month	WREGIS GUID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	8	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	1,709	684-WA-353765-6475 to 8183	5/27/2020 1:12:26 PM	Contract B	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	892540
2019	9	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	2,438	684-WA-358227-9488 to 11925	5/27/2020 1:12:26 PM	Contract B	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	892541
2020	1	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	4,050	684-WA-378905-12185 to 16234	12/2/2020 8:03:01 AM	Contract M	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	998977
2020	2	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	243	684-WA-382930-6 to 248	6/22/2020 7:16:15 AM	Contract L	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	901128
			Nine Canyon										

**REDACTED
VERSION**

Inter-Account Transfer (Continue)

Printed Date: 5/27/2021 9:38:13 AM

2020	2	W684	Wind Project - Nine Canyon Wind Project	WND	PugetSound	3,030	684-WA-382930-9118 to 12147	12/2/2020 8:03:02 AM	Contract M	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	998979
2020	3	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	3,025	684-WA-387873-9101 to 12125	12/2/2020 8:03:04 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	998981
2020	4	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	2,308	684-WA-398523-6945 to 9252	12/2/2020 8:03:04 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	998983
2020	5	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	2,386	684-WA-403994-7179 to 9564	12/2/2020 8:03:04 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	998985
2020	6	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	1,728	684-WA-409690-5201 to 6928	12/2/2020 8:03:05 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	998987
			Nine Canyon										

REDACTED
VERSION

Inter-Account Transfer (Continue)

Printed Date: 5/27/2021 9:38:13 AM

2020	7	W684	Wind Project - Nine Canyon Wind Project	WND	PugetSound	1,620	684-WA-414702-4876 to 6495	1/20/2021 10:59:13 AM	Contract M	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1021264
2020	8	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	1,378	684-WA-415275-4150 to 5527	1/20/2021 10:59:13 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1021266
2020	9	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	411	684-WA-421570-6017 to 6427	1/20/2021 10:59:14 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1021270
2020	9	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	WND	PugetSound	1,163	684-WA-421570-2045 to 3207	1/20/2021 10:59:14 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1021268



REDACTED
VERSION

Inter-Account Transfer

Printed Date: 5/27/2021 9:39:52 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	12	W928	Rolling Hills - Rolling Hills	WND	PugetSound	15,000	928-WY- 373529- 619 to 15618	12/15/2020 8:27:56 AM	Contracts G & H	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1005899



SHADED INFORMATION IS DESIGNATED AS
CONFIDENTIAL PER WAC 480-07-160

Inter-Account Transfer

Printed Date: 5/27/2021 9:43:24 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2020	5	W813	stimson lumber- plummer - stimson- plummer	BIM	PugetSound	2,703	813-ID- 399009- 127 to 2829	1/8/2021 10:46:46 AM	Contract I	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016236
2020	6	W813	stimson lumber- plummer - stimson- plummer	BIM	PugetSound	3,497	813-ID- 404424- 1 to 3497	1/8/2021 10:46:46 AM	Contract I	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016234
2020	7	W813	stimson lumber- plummer - stimson- plummer	BIM	PugetSound	3,790	813-ID- 409974- 1 to 3790	1/8/2021 10:46:46 AM	Contract I	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016235
2020	8	W813	stimson lumber- plummer - stimson- plummer	BIM	PugetSound	2,157	813-ID- 417281- 1 to 2157	1/8/2021 10:46:46 AM	Contract I	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016237
2020	9	W813	stimson lumber- plummer - stimson- plummer	BIM	PugetSound	3,647	813-ID- 423410- 1 to 3647	1/8/2021 10:46:47 AM	Contract I	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016238



SHADED INFORMATION IS DESIGNATED AS
CONFIDENTIAL PER WAC 480-07-160

Inter-Account Transfer

Printed Date: 5/27/2021 10:12:35 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2020	1	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,798	3662- MT- 379586- 57 to 1854	11/6/2020 8:48:00 AM	Contract J	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	981215
2020	2	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,675	3662- MT- 383682- 53 to 1727	11/6/2020 8:48:00 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	981213
2020	3	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,829	3662- MT- 388559- 58 to 1886	11/6/2020 8:48:01 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	981219
2020	4	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,799	3662- MT- 392364- 1 to 1799	11/6/2020 8:48:00 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	981216
2020	5	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,841	3662- MT- 398964- 1 to 1841	11/6/2020 8:48:00 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	981214
2020	6	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,629	3662- MT- 404402- 1 to 1629	11/6/2020 8:48:00 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	981217
2020	7	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	22	3662- MT- 409944- 1990 to 2011	1/7/2021 9:10:17 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1016105
			Stoltze				3662-						

SHADED INFORMATION IS DESIGNATED AS
CONFIDENTIAL PER WAC 480-07-160

Inter-Account Transfer (Continue)

Printed Date: 5/27/2021 10:12:35 AM

2020	7	W3662	Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,929	MT-409944-1 to 1929	11/6/2020 8:48:00 AM	Contract J	Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	981218
2020	8	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	1,940	3662-MT-415993-61 to 2000	1/7/2021 9:10:17 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1016106
2020	9	W3662	Stoltze Cogeneration Plant - Stoltze CoGen1	BIM	PugetSound	538	3662-MT-422223-59 to 596	1/7/2021 9:10:17 AM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	1016104



SHADED INFORMATION IS DESIGNATED AS
CONFIDENTIAL PER WAC 480-07-160

Inter-Account Transfer

Printed Date: 5/27/2021 10:15:43 AM

Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2019	11	W1749	Top of the World - Top of the World	WND	PugetSound	2,000	1749- WY- 373000- 48598 to 50597	12/18/2020 4:56:22 PM	Contracts G & H	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1012197
2019	11	W1749	Top of the World - Top of the World	WND	PugetSound	15,000	1749- WY- 373000- 28598 to 43597	12/15/2020 8:27:56 AM	Contracts G & H	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1005898
2019	12	W1749	Top of the World - Top of the World	WND	PugetSound	4,727	1749- WY- 376450- 36397 to 41123	12/18/2020 4:56:22 PM	Contracts G & H	Puget Sound Energy	Confirm	For 2020 RPS Compliance- 11761	1012196



Year	Month	WREGIS GU ID	Generator Plant-Unit Name	Fuel Type	Login Name	Quantity	Certificate Serial Numbers	Date of Transfer	Transferor	Transferee	Action	SubAccountName	Transaction ID
2021	1	W1491	Sierra Pacific Burlington - Sierra Pacific Burlington	BIM	PugetSound	11,743	1491- WA- 451164- 1 to 11743	5/5/2021 8:29:51 AM	Sierra Pacific Industries	Puget Sound Energy	Confirm	For 2021 RPS Compliance- 4540	1093132