



Puget Sound Energy
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PSE.com

Filed via Web Portal

July 22, 2020

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

**Re: Updated 2020 Annual Renewable Portfolio Standard Report
Docket UE-200504**

Dear Mr. Johnson:

After conversations with Commission Staff, attached for filing, please find Puget Sound Energy's ("PSE's") updated report detailing the annual reporting requirements for the 2020 Renewable Portfolio Standard Report (the "Updated Report") in RCW 19.285.070 and WAC 480-109-210.

Updates were made to the following sections or attachments as follows:

2020 RPS Report	Section 7 - Eligible Resources: Added an attestation requesting approval of 13 listed facilities PSE has used for the first time.
	Section 8 - Sales: Added 2012 and 2013 columns to reconcile initial table summation disparity.
Attachment 3 Reporting Tool	Added a footnote to Klondike III Facility Detail.
Attachment 5 Incremental Costs	Added 13 facilities PSE has used for the first time. Updated Note 4.

Additionally, PSE provides documentation in support of its request for approval of the 13 facilities it has purchased RECs from for the first time. Attached as the Confidential Contracts workpaper are the REC purchase contracts in place to secure RECs from the 13 facilities. The Confidential WREGIS REC Transfer workpaper provides more detail as to the facilities used. The WREGIS Operability workpaper provides proof that the facilities had commenced operation prior to January 1, 2020.

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PSE requests confidential treatment for Attachment 5 to the Updated Report, the Contracts workpaper, and the REC Transfer workpaper under RCW 80.04.095 and in accordance with WAC 480-07-160. The information labeled as confidential includes commercially sensitive data and confidential information related to renewable energy credit (“REC”) sales revenues, which could expose PSE 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 following Confidential information has been redacted:

Location	Type of Information	Explanation
Attachment 5 All tabs	REC revenues REC prices	Every tab of this attachment contains either REC price information or REC revenue information from which REC prices could be derived using the REC quantity information in Attachments 3 or 4.
Contracts workpaper	REC prices Counterparties	This workpaper includes REC prices and counterparty information.
REC Transfer workpaper	Counterparties	This workpaper includes REC purchase counterparty information.

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

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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) 456-2142.

Sincerely,

/s/ Jon Piliaris

Jon Piliaris, Director Regulatory Affairs
Puget Sound Energy
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cc: Department of Commerce
Service List

Attachments:

PSE Updated 2020 RPS Report

Attachment 3: Updated Reporting Tool

Attachment 5: Updated Incremental Cost Template (Redacted Version)

Updated Incremental Cost Template (Confidential Version)

Contracts Workpaper, Redacted Version

Contracts Workpaper, Confidential Version

WREGIS REC Transfer Workpaper, Redacted Version

WREGIS REC Transfer Workpaper, Confidential Version

WREGIS Operability Workpaper

Puget Sound Energy
2020 Annual Renewable Portfolio Standard Report
pursuant to RCW 19.285.070 and WAC 480-109-210

June 1, 2020
Updated July 22, 2020

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 4
	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 5
	The number of certificates sold, their WREGIS certificate numbers, their source, and the revenues obtained from the sales.	Section 8 Sales Page 6

Attachment 3: Reporting Tool, Updated Version

**Attachment 5: Incremental Cost Template, Confidential Updated Version
Incremental Cost Template, Redacted Updated Version**

Documentation Supporting Attestation (Workpapers):

**REC Contracts: REC Purchase Contracts, Confidential Version
REC Purchase Contracts, Redacted Version**

Proof of Operability Proof of Operability - WREGIS Report

**REC Transfers REC Transfers – WREGIS Report, Confidential Version
REC Transfers – WREGIS Report, Redacted Version**

Section 1. Annual Load for the Prior Two Years

	<u>2018</u>	<u>2019</u>
Delivered Load to Retail Customers (MWh)	20,697,195	20,833,230

The source of this data is the Puget Sound Energy (“PSE”) 2019 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 2020 will be 3,114,782 MWh.

Calculation:

	<u>2018</u>	<u>2019</u>
Delivered Load to Retail Customers (MWh)	20,697,195	20,833,230
Average Load	20,765,213	
15 Percent of Average Load	3,114,782	

Section 3. Renewable Energy Acquired To Meet 2020 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 2020 target.

As demonstrated in Attachment 1, PSE has sufficient eligible renewable resources to meet its 2020 target. PSE plans to meet its 2020 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 2020, of which a subset will be used for compliance purposes:

Incremental Hydro Resources	88,091
Eligible Wind Resources	3,992,072
Landfill Gas	2,361

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	\$27.8M
Revenue Requirement	\$1,996M
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 not acquired any new resources since 2013 and therefore continues to utilize incremental cost calculations as documented in Attachment 2. The incremental costs (in millions of dollars) along with the annual megawatt hour (MWh) as sourced from PSE's 2017 IRP, for each eligible resource are as follows:

Resource	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
Total					\$27.81	2,422,140	

(\$ Millions/Year)

This information appears in PSE's 2017 IRP, Appendix N, Page N-177, Figure N-145, and is provided in Attachment 2. Due to the implementation of the Clean Energy Transformation Act, PSE's next IRP will be filed April 1, 2021.

As reflected in the above table, the incremental cost of the eligible renewable resources portfolio is \$27.81 million resulting in an average cost/MWh of \$11.48. The incremental cost for the 2020 target year, based on the average cost for the portfolio of resources is \$35.8 million (\$11.48/MWh * 3,114,782 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, that calculates the incremental cost for the target based on the actual planned resources, the incremental cost for 2020 target year compliance is \$42.6 million.

RECs from PSE's Klondike III contract and its Wild Horse facility are Green-e eligible and can be sold in the voluntary REC market. 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 and replace them by purchasing lower cost RPS compliant RECs to satisfy its RPS compliance. 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 2020 is \$1,996.287 million.¹ The 2020 revenue requirement is based on the revenue requirement determined in PSE's last general rate case (UE-170033) after adjusting for Tax Cuts and Jobs Act ("Tax Reform") (Docket UE-180282), Expedited Rate Filing ("ERF") (Docket UE-180899 and UG-180900) and Protected-Plus Excess Deferred Income Tax Reversal ("EDIT ARAM") (Docket UE-180899).

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 2020 Renewable Energy Target.

¹ Figure reflects Revenue Requirement from PSE's 2017 General Rate Case, after adjusting for Tax Reform updates approved by the Commission in Docket UE-180282. Electric Revenue Requirement as originally approved in UE-170033 was \$2,069,159,344. Utilizing the pre-tax reform, revenue requirement results in a 1.408% revenue requirement ratio.

Section 6. 2020 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 2020 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 2020 compliance. Further details about this information can be found in Attachment 3.

2020 Compliance Plan	
	MWh or Equiv
Lower Baker Project Incremental Hydro	70,693
Snoqualmie Falls Project Incremental Hydro	17,398
Lower Snake River - Phalen Gulch (Vintage 2019)	298,679
Extra Apprenticeship Credits	59,736
Wild Horse Phase II (Vintage 2019)	99,359
Extra Apprenticeship Credits	19,872
Lower Snake River-Dodge Junction (Vintage 2019)	412,098
Extra Apprenticeship Credits	82,420
Hopkins Ridge (Vintage 2019)	324,844
Hopkins Ridge Phase II (Vintage 2019)	15,655
Wild Horse (Vintage 2019)	343,366
Klondike III (Vintage 2019)	93,031
Camp Reed Wind Park -- REC only (Vintage 2019)	18,037
Golden Valley Wind Park -- REC only (Vintage 2019)	8,707
Klondike III -- REC only (Vintage 2019)	15,341
Meadow Creek Wind Farm - Five Pine Project -- REC only (Vintage 2019)	25,276
Meadow Creek Wind Farm - North Point Wind Farm -- REC only (Vintage 2019)	49,724
Nine Canyon Wind Project - Nine Canyon Phase 3 -- REC Only (Vintage 2019)	3,486
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park -- REC Only (Vintage 2019)	9,879
PaTu Wind Farm - PaTu Wind -- REC Only (Vintage 2019)	12,375
Roseburg LFG - Roseburg LFG Energy -- REC Only (Vintage 2019)	2,361
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park -- REC Only (Vintage 2019)	17,090
Sawtooth Wind Project - Sawtooth Wind Project -- REC Only (Vintage 2019)	30,077
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park -- REC Only (Vintage 2019)	8,681
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park -- REC Only (Vintage 2019)	7,912
Tuana Springs Energy, LLC - Tuana Springs -- REC Only (Vintage 2019)	17,961
White Creek Wind 1 - White Creek -- REC Only (Vintage 2019)	2,797
Lower Snake River - Phalen Gulch (Vintage 2020)	310,207
Extra Apprenticeship Credits	62,041
Wild Horse Phase II (Vintage 2020)	90,930
Extra Apprenticeship Credits	18,186
Lower Snake River-Dodge Junction (Vintage 2020)	423,793
Extra Apprenticeship Credits	84,759
Klondike III (Vintage 2020)	40,467
Hopkins Ridge Phase II (Vintage 2020)	17,545
Available to Meet Target	3,114,783

Data for 2020 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 2020, in advance of January 1, 2020. Eligible renewable resources that PSE may elect to use in whole or in part to meet its 2020 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;
- Customer-Generator owned facilities taking service from PSE under PSE electric rate Schedule 91; and
- Any other eligible renewable resources that may become available in 2020 or 2021.

Please also see Attachment 1.

Attestation

PSE has purchased RECs for RPS compliance from the following 13 facilities for the first time. PSE respectfully requests the Commission consider and approve these 13 facilities as eligible renewable resources for annual RPS compliance. In support of this request, PSE provides three REC purchase contracts under which the RECs were purchased from the 13 facilities² (Contracts Workpaper). Additionally, attached is a WREGIS report indicating that all 13 facilities have a Commenced Operation Date prior to January 1, 2020 (WREGIS Operability Workpaper.)

	Facility	WREGIS ID	Contract
1	Camp Reed Wind Park	W1875	A
2	Golden Valley Wind Park	W1862	A
3	Meadow Creek Wind Farm – Five Pine Project	W3186	C

² Contract A clearly lists the facilities. Contract B lists Klondike III and Mountain Air Wind (which are not part of the 13 facilities) but allows the Seller to utilize other projects. The other facilities ultimately used were Nine Canyon and White Creek. Contract C required only WA RPS Compliant RECs; the facilities ultimately used were Meadow Creek-North Point and Meadow Creek-Five Pine. (See WREGIS REC Transfer workpaper.)

	Facility	WREGIS ID	Contract
4	Meadow Creek Wind Farm – North Point Wind Farm	W3185	C
5	Nine Canyon Wind Project – 9 Canyon Phase 3	W697	B
6	Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	W1882	A
7	PaTu Wind Farm	W1844	A
8	Roseburg LFG	W2616	A
9	Salmon Falls Wind Park, LLC	W1885	A
10	Sawtooth Wind Project	W2323	A
11	Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	W1881	A
12	Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	W1883	A
13	White Creek Wind 1 - White Creek	W360	B

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 by source and vintage year for 2012 through 2019 vintages. Through March 31, 2020, the Company has not transferred title to any Vintage 2020 RECs.

		REC Sold by Year by Resource								
Source	WREGIS No.	Vintage								Total REC Sold
		2012	2013	2014	2015	2016	2017	2018	2019	
Wild Horse	W183	238,143	246,192	541,930	43,254	138,677	44,385	203,209	172,850	1,628,640
Wild Horse Phase II	W1364	54,206	47,386	98,496	10,000	-	-	-	-	210,088
Hopkins Ridge	W184	171,359	166,117	423,662	109,781	190,560	74,400	176,270	-	1,312,149
Hopkins Ridge Phase II	W1382	-	7,309	18,641	1,735	9,184	-	10,171	-	47,040
Klondike III	W237	58,264	68,465	133,571	60,697	62,849	57,197	57,609	24,620	523,272
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
		521,972	879,430	1,616,355	238,199	401,270	175,982	447,259	197,470	4,477,937

Reflects REC transfers through 3/31/2020.

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

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, 2020

RCW 19.285 Compliance Need

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

	2016	2017	2018	2019	2020
Delivered Load to Retail Customers (MWh)	20,448,423	21,316,397	20,697,195	20,833,230	Not Applicable
WA State RCW 19.285 Requirement	3%	9%	9%	9%	15%
Quantity Required for Compliance	1,848,542	1,843,118	1,879,417	1,890,612	3,114,782

Eligible Quantity Acquired

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

	2016	2017	2018	2019	2020
Qualifying MWh Allocated to WA	2,205,548	1,934,234	2,175,902	2,105,243	1,868,775
Quantity from Non REC Eligible Generation	195,475	162,488	196,505	162,027	164,986
Total Quantity Available for RCW 19.285 Compliance	2,401,023	2,096,722	2,372,407	2,267,270	2,033,761

Sales and Transfers

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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	(521,270)	(175,982)	(447,259)	(197,470)	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	(521,270)	(175,982)	(447,259)	(197,470)	-

Adjustments

2015 Surplus Applied to 2016
2016 Surplus Applied to 2015
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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	1,757,710				
2016 Surplus Applied to 2015					
2016 Surplus Applied to 2017	(1,760,729)	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				(1,978,763)	1,978,763
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	(3,018)	(10,523)	(28,402)	(179,110)	1,978,763

Adjustment for Events Beyond Control

	-	-	-	-	-
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RCW 19.285 Compliance Surplus / (Deficit)

	2016	2017	2018	2019	2020
RCW 19.285 Compliance Surplus / (Deficit)	28,192	67,098	17,329	79	897,742

Actual Retirements for RPS Compliance

	1,649,762	1,647,643	1,716,929
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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 Type	Extra Apprenticeship Credit Eligibility:	Distributed Generation Bonus Eligibility:	Online Date:
Wild Horse	W183	Wind	Not Eligible	---	
Hopkins Ridge	W184	Wind	Not Eligible	---	
Klondike III	W237	Wind	Not Eligible	---	
Wild Horse Phase II	W1364	Wind	Eligible	---	
Hopkins Ridge Phase II	W1382	Wind	Not Eligible	---	
Lower Snake River - Dodge Junction	W2669	Wind	Eligible	---	
Lower Snake River - Phalen Gulch	W2670	Wind	Eligible	---	
Wanapum Fish Bypass	Not Available	Water (Incremental Hydro)	Not Eligible	---	
Baker River Project	W4865	Water (Incremental Hydro)	Not Eligible	---	
Snoqualmie Falls Project	W4866	Water (Incremental Hydro)	Not Eligible	---	
Klondike 1--REC only**	W238	Wind	Not Eligible	---	
Stateline WA Wind--REC Only **	W248	Wind	Not Eligible	---	
Horse Butte Wind--REC only **	W3260	Wind	Not Eligible	---	
Grand View 5 East--REC Only**	W5069	Solar	Not Eligible	---	
Grand View 2 West--REC Only **	W5070	Solar	Not Eligible	---	
ID Solar 1 -- REC Only **	W5076	Solar	Not Eligible	---	
Condon Wind Power -- REC Only **	W774	Wind	Not Eligible	---	
Condon Wind Power Phase II -- REC Only **	W833	Wind	Not Eligible	---	
Camp Reed Wind Park - Camp Reed Wind Park -- REC Only **	W1875	Wind	Not Eligible	---	
Golden Valley Wind Park - Golden Valley Wind Park -- REC Only **	W1862	Wind	Not Eligible	---	
Klondike III - Klondike Wind Power III LLC -- REC Only **	W237	Wind	Not Eligible	---	
Meadow Creek Wind Farm - Five Pine Project -- REC Only **	W3186	Wind	Not Eligible	---	
Meadow Creek Wind Farm - North Point Wind Farm -- REC Only **	W3185	Wind	Not Eligible	---	
Mountain Air Wind Projects - Mountain Air Wind Projects -- REC Only *	W2869	Wind	Not Eligible	---	
Nine Canyon Wind Project - Nine Canyon Phase 3 -- REC Only **	W697	Wind	Not Eligible	---	
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park -- REC Only **	W1882	Wind	Not Eligible	---	
PaTu Wind Farm - PaTu Wind -- REC Only **	W1844	Wind	Not Eligible	---	
Roseburg LFG - Roseburg LFG Energy -- REC Only **	W2616	Landfill Gas	Not Eligible	---	
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park -- REC Only **	W1885	Wind	Not Eligible	---	
Sawtooth Wind Project - Sawtooth Wind Project -- REC Only **	W2323	Wind	Not Eligible	---	
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park -- REC On	W1881	Wind	Not Eligible	---	
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park -- REC Only **	W1883	Wind	Not Eligible	---	
Tuana Springs Energy, LLC - Tuana Springs -- REC Only **	W1503	Wind	Not Eligible	---	
White Creek Wind 1 - White Creek -- REC Only **	W360	Wind	Not Eligible	---	
Facility 35			---	---	
Facility 36			---	---	
Facility 37			---	---	
Facility 38			---	---	
Facility 39			---	---	
Facility 40			---	---	

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:

Wild Horse

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Wild Horse
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Wild Horse	564,671	516,263	537,534	516,216	477,826
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	564,671	516,263	537,534	516,216	477,826

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	258,677	44,385	203,209	172,850	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	258,677	44,385	203,209	172,850	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	469,503				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	305,994	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				343,366	343,366
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	163,509	(165,884)	137,553	(9,041)	343,366

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	469,503	305,994	471,878	334,325	821,192
Actual Retirements for RPS Compliance	469,503	238,895	471,878		

Facility Name:

Hopkins Ridge

MWh Allocated to WA Compliance

Total MWh Produced / Purchased 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

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Hopkins Ridge	398,058	329,544	392,020	324,844	346,466
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	398,058	329,544	392,020	324,844	346,466

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	190,560	74,400	176,270	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	190,560	74,400	176,270	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	238,385				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	207,498	207,498			
2017 Surplus Applied to 2016	-	-			
2017 Surplus Applied to 2018		255,144	255,144		
2018 Surplus Applied to 2017		-	-		
2018 Surplus Applied to 2019			215,750	215,750	
2019 Surplus Applied to 2018			-	-	
2019 Surplus Applied to 2020				324,844	324,844
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	30,887	(47,646)	39,394	(109,094)	324,844

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	238,385	207,498	255,144	215,750	671,310
Actual Retirements for RPS Compliance	238,385	207,498	237,815		

Facility Name:

Klondike III

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Klondike III
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Klondike III	127,238	110,618	119,438	117,651	113,917
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	127,238	110,618	119,438	117,651	113,917

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	62,849	57,197	57,609	24,620	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	62,849	57,197	57,609	24,620	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	60,908				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	64,389	64,389			
2017 Surplus Applied to 2016	-	-			
2017 Surplus Applied to 2018		53,421	53,421		
2018 Surplus Applied to 2017		-	-		
2018 Surplus Applied to 2019			61,829	61,829	
2019 Surplus Applied to 2018			-	-	
2019 Surplus Applied to 2020				93,031	93,031
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	(3,481)	10,968	(8,408)	(31,202)	93,031

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

	60,908	64,389	53,421	61,829	206,948
Actual Retirements for RPS Compliance	32,714	64,389	53,421		

Compared to the Compliance Plan, there is a surplus of 73,450 MWh that PSE plans to bank for 2021 RPS compliance

Facility Name:

Wild Horse Phase II

MWh Allocated to WA Compliance

Total MWh Produced / Purchased 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

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Wild Horse Phase II	108,686	99,368	103,462	99,359	90,930
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	108,686	99,368	103,462	99,359	90,930

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
Extra Apprenticeship Credit	21,737	19,874	20,692	19,872	18,186
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	21,737	19,874	20,692	19,872	18,186

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
 Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	106,432				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	130,423	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				-	-
Net Surplus Adjustments	(23,992)	11,182	(4,913)	4,924	119,231

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	106,432	130,423	119,242	124,154	228,347
Actual Retirements for RPS Compliance	88,693	108,686	99,368		

Facility Name:

Hopkins Ridge Phase II

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Hopkins Ridge 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

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Hopkins Ridge Phase II	19,184	15,881	18,893	15,655	17,545
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	19,184	15,881	18,893	15,655	17,545

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	9,184	-	10,171	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	9,184	-	10,171	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	14,879				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	10,000	10,000			
2017 Surplus Applied to 2016	-	-			
2017 Surplus Applied to 2018		15,881	15,881		
2018 Surplus Applied to 2017		-	-		
2018 Surplus Applied to 2019			8,722	8,722	
2019 Surplus Applied to 2018			-	-	
2019 Surplus Applied to 2020				15,655	15,655
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	4,879	(5,881)	7,159	(6,933)	15,655

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	14,879	10,000	15,881	8,722	33,200
Actual Retirements for RPS Compliance	14,879	10,000	15,881		

Facility Name:

Lower Snake River - Dodge Junction

MWh Allocated to WA Compliance

Total MWh Produced / Purchased 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

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Lower Snake River - Dodge Junction	500,734	413,806	508,243	412,098	423,793
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	500,734	413,806	508,243	412,098	423,793

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
Extra Apprenticeship Credit	100,147	82,761	101,649	82,420	84,759
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	100,147	82,761	101,649	82,420	84,759

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	505,872				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	600,881	600,881			
2017 Surplus Applied to 2016	-	-			
2017 Surplus Applied to 2018		496,567	496,567		
2018 Surplus Applied to 2017		-	-		
2018 Surplus Applied to 2019			609,892	609,892	
2019 Surplus Applied to 2018			-	-	
2019 Surplus Applied to 2020				494,518	494,518
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	(95,009)	104,314	(113,324)	115,374	494,518

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	505,872	600,881	496,567	609,892	1,003,069
Actual Retirements for RPS Compliance	421,560	500,734	413,806		

Lower Snake River - Phalen Gulch

MWh Allocated to WA Compliance

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Lower Snake River - Phalen Gulch	367,953	299,266	370,818	298,679	310,207
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	367,953	299,266	370,818	298,679	310,207

Non REC Eligible Generation

	2016	2017	2018	2019	2020
Extra Apprenticeship Credit	73,591	59,853	74,164	59,736	62,041
Distributed Generation Bonus	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	73,591	59,853	74,164	59,736	62,041

REC Sales / Transfers

	2016	2017	2018	2019	2020
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	361,732				
2016 Surplus Applied to 2015	-				
2016 Surplus Applied to 2017	441,544	441,544			
2017 Surplus Applied to 2016	-	-			
2017 Surplus Applied to 2018		359,119	359,119		
2018 Surplus Applied to 2017		-	-		
2018 Surplus Applied to 2019			444,982	444,982	
2019 Surplus Applied to 2018			-	-	
2019 Surplus Applied to 2020				358,415	358,415
2020 Surplus Applied to 2019				-	-
Net Surplus Adjustments	(79,812)	82,424	(85,862)	86,567	358,415

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

	361,732	441,544	359,119	444,982	730,663
Actual Retirements for RPS Compliance	301,443	367,953	299,266		

Facility Name:

Wanapum Fish Bypass

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Wanapum Fish Bypass
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
Not Eligible		Not Eligible	Not Eligible	Not Eligible	Not Eligible
	100%	100%	100%	100%	100%
	100%	100%	100%	100%	100%
	-	-	-	-	-

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
		-	-		
		-	-		
			-	-	
			-	-	-
			-	-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

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Use of Wanapum Fish Bypass for RPS Compliance will be dependent upon Grant County filing WREGIS registration. To-date Grant County has not filed Wanapum in WREGIS!

Facility Name:

Baker River Project

MWh Allocated to WA Compliance

Total MWh Produced / Purchased 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

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Baker River Project	358,833	313,000	385,059	263,625	249,799
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	101,550	88,579	108,971	74,606	70,693

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	-				
2016 Surplus Applied to 2015	-				
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				-	-
Net Surplus Adjustments	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	101,550	88,579	108,971	74,606	70,693
Actual Retirements for RPS Compliance	70,243	88,579	108,971		

2019 generation estimated based on 3 year average of generation at this facility. Baker estimated RPS Eligible generation based on Incremental Hydro Calculation Method 2. Baker Project WREGIS Registration was completed June, 20:

Facility Name:

Snoqualmie Falls Project

MWh Allocated to WA Compliance

Total MWh Produced / Purchased 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

	2016	2017	2018	2019	2020
Total MWh Produced / Purchased from Snoqualmie Falls Project	205,584	195,400	194,398	185,294	204,694
Percent of MWh Qualifying Under RCW 19.285	8.5%	8.5%	8.5%	8.5%	8.5%
Percent of Qualifying MWh Allocated to WA	100%	100%	100%	100%	100%
Eligible MWh Available for RCW 19.285 Compliance	17,475	16,609	16,523	15,750	17,398

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	-				
2016 Surplus Applied to 2015	-				
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				-	-
Net Surplus Adjustments	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

Contribution to RCW 19.285 Compliance	17,475	16,609	16,523	15,750	17,398
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2019 generation estimated based on 3 year average of generation at this facility. Snoqualmie Falls Project estimated RPS Eligible generation based on Incremental Hydro Calculation Method 2. Snoqualmie Falls Project WREGIS Registra

Facility Name:

Klondike 1--REC only**

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from Klondike 1--REC only**

Percent of MWh Qualifying Under RCW 19.285

Percent of Qualifying MWh Allocated to WA

Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
Purchased from Klondike 1--REC only**		968			
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	-	968	-	-	-

Non REC Eligible Generation

Extra Apprenticeship Credit

Distributed Generation Bonus

Total Quantity from Non REC Eligible Generation

	2016	2017	2018	2019	2020
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

	2016	2017	2018	2019	2020
Quantity of RECs Sold	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016

2016 Surplus Applied to 2015

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

Net Surplus Adjustments

	2016	2017	2018	2019	2020
2015 Surplus Applied to 2016	-				
2016 Surplus Applied to 2015	-				
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				-	-
Net Surplus Adjustments	-	-	-	-	-

Adjustment for Events Beyond Control

Contribution to RCW 19.285 Compliance

Adjustment for Events Beyond Control	-	-	-	-	-
Contribution to RCW 19.285 Compliance	-	968	-	-	-

Actual Retirements for RPS Compliance

968

Facility Name:

Stateline WA Wind--REC Only **

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from Stateline WA Wind--REC Only **
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
		3,890			
		100%			
		100%			
	-	3,890	-	-	-

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
		-	-		
		-	-		
			-	-	
			-	-	
				-	-
				-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

	-	3,890	-	-	-
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3,890

Facility Name:

Horse Butte Wind--REC only **

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from Horse Butte Wind--REC only **

Percent of MWh Qualifying Under RCW 19.285

Percent of Qualifying MWh Allocated to WA

Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
		27			
		100%			
		100%			
	-	27	-	-	-

Non REC Eligible Generation

Extra Apprenticeship Credit

Distributed Generation Bonus

Total Quantity from Non REC Eligible Generation

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold

Bonus Incentives Transferred

Bonus Incentives Not Realized

Total Sold / Transferred / Unrealized

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016

2016 Surplus Applied to 2015

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

Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
	-	-	-		
	-	-	-	-	
	-	-	-	-	
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

	-	27	-	-	-
--	---	----	---	---	---

Actual Retirements for RPS Compliance

27

Facility Name:

Grand View 5 East--REC Only**

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from Grand View 5 East--REC Only**

Percent of MWh Qualifying Under RCW 19.285

Percent of Qualifying MWh Allocated to WA

Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
		6,741			
		100%			
		100%			
	-	6,741	-	-	-

Non REC Eligible Generation

Extra Apprenticeship Credit

Distributed Generation Bonus

Total Quantity from Non REC Eligible Generation

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

Quantity of RECs Sold

Bonus Incentives Transferred

Bonus Incentives Not Realized

Total Sold / Transferred / Unrealized

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016

2016 Surplus Applied to 2015

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

Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
		-	-		
		-	-		
			-	-	
			-	-	
				-	-
				-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

	-	6,741	-	-	-
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Actual Retirements for RPS Compliance

6,741

Facility Name:

Grand View 2 West--REC Only **

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from Grand View 2 West--REC Only **
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
		18,511			
		100%			
	-	18,511	-	-	-

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
		-	-		
		-	-	-	
			-	-	
				-	-
				-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

	-	18,511	-	-	-
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18,511

Facility Name:

ID Solar 1 -- REC Only **

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from ID Solar 1 -- REC Only **
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
		12,048			
		100%			
		100%			
	-	12,048	-	-	-

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
		-	-		
		-	-		
			-	-	
			-	-	
				-	-
				-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

	-	12,048	-	-	-
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Actual Retirements for RPS Compliance 12,048

Facility Name:

Condon Wind Power -- REC Only **

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

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

	2016	2017	2018	2019	2020
		1,046			
		100%			
	-	1,046	-	-	-

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-	-			
		-	-		
		-	-	-	
			-	-	
				-	-
				-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

	-	1,046	-	-	-
--	---	-------	---	---	---

1,046

Facility Name:

Condon Wind Power Phase II -- REC Only **

** REC purchase only, no generation provided with purchase

MWh Allocated to WA Compliance

Purchased from Condon Wind Power Phase II -- REC Only **
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

	2016	2017	2018	2019	2020
		1,069			
		100%			
		100%			
	-	1,069	-	-	-

Non REC Eligible Generation

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

REC Sales / Transfers

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

	2016	2017	2018	2019	2020
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-

Adjustments

2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 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
Net Surplus Adjustments

	2016	2017	2018	2019	2020
	-				
	-				
	-	-			
	-				
		-	-		
		-	-		
			-	-	
			-	-	
				-	-
				-	-
	-	-	-	-	-

Adjustment for Events Beyond Control

	-	-	-	-	-
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Contribution to RCW 19.285 Compliance

Actual Retirements for RPS Compliance

	-	1,069	-	-	-
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1,069

PUGET SOUND ENERGY 2020 RPS REPORT

Compliance Contribution by Generation Type

	2016	2017	2018	2019	2020
Wind	1,757,710	1,767,729	1,771,252	1,800,335	3,922,072
Solar	-	37,300	-	-	-
Water (Incremental Hydro)	119,024	105,188	125,494	90,356	88,091
Biomass	-	-	-	-	-
Geothermal	-	-	-	-	-
Landfill Gas	-	-	-	-	2,361
Sewage Treatment Gas	-	-	-	-	-
Wave, Ocean, Tidal	-	-	-	-	-
Biodiesel Fuel	-	-	-	-	-
	1,878,751	1,912,234	1,898,764	1,892,710	4,014,544

Facility Name	Facility Type	2016	2017	2018	2019	2020
Wild Horse	Wind	469,503	305,994	471,878	334,325	821,192
Hopkins Ridge	Wind	238,385	207,498	255,144	215,750	671,310
Klondike III	Wind	60,908	64,389	53,421	61,829	206,948
Wild Horse Phase II	Wind	106,432	130,423	119,242	124,154	228,347
Hopkins Ridge Phase II	Wind	14,879	10,000	15,881	8,722	33,200
Lower Snake River - Dodge Junction	Wind	505,872	600,881	496,567	609,892	1,003,069
Lower Snake River - Phalen Gulch	Wind	361,732	441,544	359,119	444,982	730,663
Wanapum Fish Bypass	Water (Incremental H	-	-	-	-	-
Baker River Project	Water (Incremental H	101,550	88,579	108,971	74,606	70,693
Snoqualmie Falls Project	Water (Incremental H	17,475	16,609	16,523	15,750	17,398
Klondike 1--REC only**	Wind	-	968	-	-	-
Stateline WA Wind--REC Only **	Wind	-	3,890	-	-	-
Horse Butte Wind--REC only **	Wind	-	27	-	-	-
Grand View 5 East--REC Only**	Solar	-	6,741	-	-	-
Grand View 2 West--REC Only **	Solar	-	18,511	-	-	-
ID Solar 1 -- REC Only **	Solar	-	12,048	-	-	-
Condon Wind Power -- REC Only **	Wind	-	1,046	-	-	-
Condon Wind Power Phase II -- REC Only **	Wind	-	1,069	-	-	-

Camp Reed Wind Park - Camp Reed Wind Pa	Wind		-	-	-	-	18,037
Golden Valley Wind Park - Golden Valley Wi	Wind		-	-	-	-	8,707
Klondike III - Klondike Wind Power III LLC -- F	Wind		-	-	-	-	15,341
Meadow Creek Wind Farm - Five Pine Project	Wind		-	-	-	-	25,276
Meadow Creek Wind Farm - North Point Wi	Wind		-	-	-	-	49,724
Mountain Air Wind Projects - Mountain Air V	Wind		-	-	-	681	-
Nine Canyon Wind Project - Nine Canyon Ph	Wind		-	-	-	-	3,486
Oregon Trail Wind Park, LLC - Oregon Trail V	Wind		-	-	-	-	9,879
PaTu Wind Farm - PaTu Wind -- REC Only **	Wind		-	-	-	-	12,375
Roseburg LFG - Roseburg LFG Energy -- REC	Landfill Gas		-	-	-	-	2,361
Salmon Falls Wind Park, LLC - Salmon Falls V	Wind		-	-	-	-	17,090
Sawtooth Wind Project - Sawtooth Wind Pro	Wind		-	-	-	-	30,077
Thousand Springs Wind Park, LLC - Thousand	Wind		-	-	-	-	8,681
Tuana Gulch Wind Park, LLC - Tuana Gulch V	Wind		-	-	-	-	7,912
Tuana Springs Energy, LLC - Tuana Springs --	Wind		-	-	-	-	17,961
White Creek Wind 1 - White Creek -- REC Or	Wind		-	-	-	-	2,797
Facility 35		0	-	-	-	-	-
Facility 36		0	-	-	-	-	-
Facility 37		0	-	-	-	-	-
Facility 38		0	-	-	-	-	-
Facility 39		0	-	-	-	-	-
Facility 40		0	-	-	-	-	-
			1,878,751	1,912,234	1,898,764	1,892,710	4,014,544

SHADED INFORMATION IS DESIGNATED AS CONFIDENTIAL PER WAC 480-07-160

REDACTED VERSION

2020 Estimated Data: Annual Calculation of Revenue Requirement Ratio

480-109-210(2)(a)(ii) Utility must annually calculate its revenue requirement ratio for 1) All Resources 2) Required Resources Target Year

Formula **Annual Calculation** of Incremental Cost (Revenue Requirement Ratio):

1) Total Incremental Cost All* Resources:

[(sum of incremental costs of All* eligible resources + cost of unbundled RECs) - (revenue RECs)] / annual revenue requirement
**required because of excess generation, Avista needs to report 2 incremental costs*

2) Total Incremental Cost Required Resources for Target Year:

[(sum of incremental costs of Target Year* eligible resources used for target year compliance + cost of unbundled RECs) - (revenue RECs)] / annual revenue requirement

Resource--Washington Only	ALL AVAILABLE RESOURCES ESTIMATED			TARGET YEAR: FORECAST SUBJECT TO CHANGE		
	sum of incremental costs of all eligible resources	RECs purchased	Revenue from REC sales/Note 1	sum of incremental costs of all eligible resources	RECs purchased	Revenue from REC sales/Note 1
Baker River Project - Lower Baker Unit 3	\$ (690,000)		\$ (690,000)			
Snoqualmie Falls - Snoqualmie Falls Units 1-4	\$ 670,000		\$ 670,000			
Wild Horse - Wild Horse	\$ 5,200,000		\$ 5,200,000			XXXXXXXXXXXXXXXXXXXXXXXXXX
Hopkins Ridge - Hopkins Ridge	\$ (2,200,000)		\$ (2,200,000)			
Wild Horse - Wild Horse - Phase II	\$ 4,130,000		\$ 4,130,000			
Hopkins Ridge - Hopkins Ridge Phase II	\$ (80,000)		\$ (80,000)			
Lower Snake River - Dodge Junction - LSR-Dodge	\$ 11,370,000		\$ 11,370,000			
Lower Snake River - Phalen Gulch - LSR-Phalen	\$ 9,050,000		\$ 9,050,000			
Klondike III - Klondike Wind Power III LLC	\$ 360,000		\$ 360,000			XXXXXXXXXXXXXXXXXXXXXXXXXX
Various REC Purchases - Note 4				XXXXXXXXXXXXXXXXXXXXXXXXXX	\$ -	
Camp Reed Wind Park				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Golden Valley Wind Park				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Meadow Creek Wind Farm - Five Pine Project				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Meadow Creek Wind Farm - North Point Wind Farm				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Nine Canyon Wind Project - 9 Canyon Phase 3				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park				XXXXXXXXXXXXXXXXXXXXXXXXXX		
PaTu Wind Farm				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Roseburg LFG				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Salmon Falls Wind Park, LLC				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Sawtooth Wind Project				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park				XXXXXXXXXXXXXXXXXXXXXXXXXX		
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park				XXXXXXXXXXXXXXXXXXXXXXXXXX		
White Creek Wind 1 - White Creek				XXXXXXXXXXXXXXXXXXXXXXXXXX		
	\$ -		\$ -			
	\$ -		\$ -			
	\$ -		\$ -			\$ -
Total	\$ 27,810,000	\$ -	\$ -	\$ 27,810,000	\$ 671,857	\$ (837,015)
Total WA Only Resources	\$ 27,810,000	\$ -	\$ -	\$ 27,810,000	\$ 671,857	\$ (837,015)

	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total WA Share of Costs	\$ 27,810,000	\$ -	\$ -	\$ 27,810,000	\$ 671,857	\$ (837,015)
Annual Revenue Requirement (most recent rate case) (Note 3)		\$ 1,996,287,283			\$ 1,996,287,283	
	CALCULATION 1 (Note 2):	\$ 29,134,145	CALCULATION 2 (Note 2):	\$ 28,961,124		
		1.459%		1.451%		

NOTES

Note 1: Includes only benefit of Vintage 2019 REC sales. Benefit of REC sales for Vintage 2012 through 2019 were considered and included in original one time calculation of incremental costs, therefore it would not be appropriate to include again in annual costs. Additionally, no vintage 2020 RECS sold to date.

Note 2: To calculate revenue requirements all costs/revenues are multiplied by 1.047614 to account for Washington's share Excise Tax, Uncollectibles and Commission Fees.

Note 3: Figure reflects Revenue Requirement from PSE's 2017 General Rate Case, after adjusting for Tax Cuts and Job Acts ("Tax Reform") updates approved by the Commission in Docket UE-180282

Electric Revenue Requirement as originally approved in UE-170033 was \$2,069,159,344. Utilizing the pre-tax reform revenue requirement results in a 1.408% revenue requirement ratio

Note 4: RECs from PSE's Klondike III contract and its Wild Horse facility are Green-e eligible and can be sold in the voluntary REC market. 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 and replace them by purchasing lower cost RPS compliant RECs to satisfy its RPS compliance. 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.

(iii)(A) & (B) Annual Reporting Summary Data: 2020

Utility must (A) report its total incremental cost as a dollar amount and in dollars per megawatt-hour of renewable energy generated by all eligible renewable resources in the calculation (a)(i) of this subsection; and (B) multiply the dollars per megawatt-hour cost calculated in (a)(iii)(A) of this subsection by the number of megawatt-hours needed for target year compliance.

Resource	(A)			(B)	
	Total Incremental Cost (as dollar \$ amt.)	MWh	Total Incremental Cost (\$/MWh)	Number of Megawatt-hours Needed for Target Year Compliance	Total Incremental Cost (\$/MWh) Multiplied by Number of Megawatt-hours Needed for Target Year Compliance
Baker River Project - Lower Baker Unit 3	(690,000)	109,500	\$ (6.30)	70,693	\$ (445,463)
Snoqualmie Falls - Snoqualmie Falls Units 1-4	670,000	34,164	\$ 19.61	17,398	\$ 341,197
Wild Horse - Wild Horse	5,200,000	642,984	\$ 8.09	343,366	\$ 2,776,901
Hopkins Ridge - Hopkins Ridge	(2,200,000)	466,908	\$ (4.71)	324,844	\$ (1,530,616)
Wild Horse - Wild Horse - Phase II ** (Vintages 2019 & 2020)	4,130,000	91,980	\$ 44.90	190,289	\$ 8,544,179
Hopkins Ridge - Hopkins Ridge Phase II (Vintages 2019 & 2020)	(80,000)	21,024	\$ (3.81)	33,200	\$ (126,332)
Lower Snake River - Dodge Junction - LSR-Dodge Junction** (Vintages 2019 & 2020)	11,370,000	500,172	\$ 22.73	835,891	\$ 19,001,625
Lower Snake River - Phalen Gulch - LSR-Phalen Gulch** (Vintages 2019 & 2020)	9,050,000	397,728	\$ 22.75	608,886	\$ 13,854,741
Klondike III - Klondike Wind Power III LLC (Vintages 2019 & 2020)	360,000	157,680	\$ 2.28	133,498	\$ 304,790
Various REC Purchases (Note 1)					-
Klondike III - Klondike Wind Power III LLC -- REC Only **			XXXXXX	15,341	XXXXXX
Tuana Springs Energy, LLC - Tuana Springs -- REC Only **			XXXXXX	17,961	XXXXXX
Camp Reed Wind Park			XXXXXX	18,037	XXXXXX
Golden Valley Wind Park			XXXXXX	8,707	XXXXXX
Meadow Creek Wind Farm – Five Pine Project			XXXXXX	25,276	XXXXXX
Meadow Creek Wind Farm – North Point Wind Farm			XXXXXX	49,724	XXXXXX
Nine Canyon Wind Project – 9 Canyon Phase 3			XXXXXX	3,486	XXXXXX
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park			XXXXXX	9,879	XXXXXX
PaTu Wind Farm			XXXXXX	12,375	XXXXXX
Roseburg LFG			XXXXXX	2,361	XXXXXX
Salmon Falls Wind Park, LLC			XXXXXX	17,090	XXXXXX
Sawtooth Wind Project			XXXXXX	30,077	XXXXXX
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park			XXXXXX	8,681	XXXXXX
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park			XXXXXX	7,912	XXXXXX
White Creek Wind 1 - White Creek			XXXXXX	2,797	XXXXXX
REC Sales					(837,015)
Apprenticeship Credits for Eligible Resources				327,014	-
Total Renewable Portfolio	27,810,000	2,422,140	\$ 11.48	3,114,783	42,555,865

13.66

**Note--These facilities qualify for apprenticeship credits therefore requiring less MWh for compliance

(Avg cost/MWH for resources used)

Note 1: Purchased RECs are part of PSE's REC optimization strategy in order to reduce customer costs associated with RPS compliance. PSE sold portion of PNW wind RECs at a premium and purchased lower costing I-937 compliant RECs.

These savings are provided to customers through PSE's REC tracker.

SHADED INFORMATION IS DESIGNATED AS CONFIDENTIAL PER WAC 480-07-160

	Cost/REC	RECs	Total Cost
Camp Reed Wind Park - Camp Reed Wind Park -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Golden Valley Wind Park - Golden Valley Wind Park -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Klondike III - Klondike Wind Power III LLC -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Meadow Creek Wind Farm - Five Pine Project -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Meadow Creek Wind Farm - North Point Wind Farm -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Nine Canyon Wind Project - Nine Canyon Phase 3 -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park -- REC Only **	XXXXXX	XXXXXX	XXXXXX
PaTu Wind Farm - PaTu Wind -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Sawtooth Wind Project - Sawtooth Wind Project -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Tuana Springs Energy, LLC - Tuana Springs -- REC Only **	XXXXXX	XXXXXX	XXXXXX
White Creek Wind 1 - White Creek -- REC Only **	XXXXXX	XXXXXX	XXXXXX
Total Wind REC Purchases		227,343	\$ 665,246.40
Roseburg LFG - Roseburg LFG Energy -- REC Only **	XXXXXX	2,361	XXXXXX
Total Bio-Gas REC Purchases	XXXXXX	2,361	XXXXXX
Total REC Purchases		229,704	\$ 671,857.20

CONTRACT A

REC TRANSACTION CONFIRMATION *November 4th*

This Transaction Confirmation is entered into this 4th day of ~~October~~ *November*, 2019 (“Effective Date”), by and between [REDACTED] (“Seller”) and Puget Sound Energy, Inc. (“PSE” 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 (“Agreement”), including Service Schedule R.

IDENTIFICATION OF PARTIES

Name of Seller:
[REDACTED]

Name of Purchaser:
Puget Sound Energy, Inc.

Seller Contact Information:
[REDACTED]

Purchaser Contact Information:
Tricia Fischer

Tel (O): [REDACTED]
E-mail: [REDACTED]
Fax: [REDACTED]

Tel(O):425-462-3248
E-mail: tricia.fischer@pse.com
Fax: 425-457-5213

Contact information is subject to change by notice.

ADDRESSES FOR FORMAL NOTICES:

Seller:
[REDACTED]

Purchaser:
Puget Sound Energy, Inc.
Attn: Tricia Fischer (VEROFC)
355 110th Ave NE #EST-11
Bellevue WA 98004-5862

REC TRANSACTION TERMS

Product Vintage: January 2019 – June 2019

Quantity: 133,080

REC Delivery: Quantity will be transferred from Seller to Buyer via WREGIS no later than November 15, 2019.

Contract Price: \$ [REDACTED] REC

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 [Chapter 19.285 RCW; Chapter 480-190 WAC]

Designation of Renewable Energy Source or Renewable Energy Facility (required for All Attributes).

Project: See attachment 1

Payment: After the transfer of Quantity of RECs to the Buyer's WREGIS account, Seller shall invoice Buyer and Buyer shall pay for Quantity x Contract Price (133,080 RECs x \$ [REDACTED] REC = \$ [REDACTED] per Section 9 of the Agreement.

Change in Law Provisions (Check One)

Regulatorily Continuing (Section R-5.2.2(b), requiring that Seller make commercial reasonable efforts to obtain compliance with Changes in Law in the designated Applicable Program. If checked, state any agreed maximum costs of such efforts (if no maximum is stated, then no maximum applies):

\$ _____

Not Regulatorily Continuing (Section R-5.2.2(c)).

The Parties agree to the REC Transaction set forth herein as of the Effective Date

[Redacted Signature Area]
Signed: [Redacted]
Name: [Redacted]
Date: [Redacted]

Puget Sound Energy, Inc.
Signed: Chris Smith
Name: Chris Smith
Date: 11/04/19

Attachment 1: Project information

Project Name	County	State	WREGIS ID	Quantity
Sawtooth	Elmore	ID	W2323	30,077
Tuana Springs	Twin Falls	ID	W1503	17,961
PáTu Wind	Sherman	OR	W1844	12,375
Roseburg Landfill gas	Douglas	OR	W2616	2,361
Camp Reed Wind	Elmore	ID	W1875	18,037
Golden Valley Wind	Cassia	ID	W1862	8,708
Oregon Trail Wind	Twin Falls	ID	W1882	9,879
Salmon Falls Wind	Twin Falls	ID	W1885	17,090
Thousand Springs Wind	Twin Falls	ID	W1881	8,681
Tuana Gulch Wind	Twin Falls	ID	W1883	7,912

CONTRACT B

**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 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]

____ "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.

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:

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.

[Redacted Signature]

[Redacted Signature]

By: _____

Name: [Redacted]

Title: [Redacted]

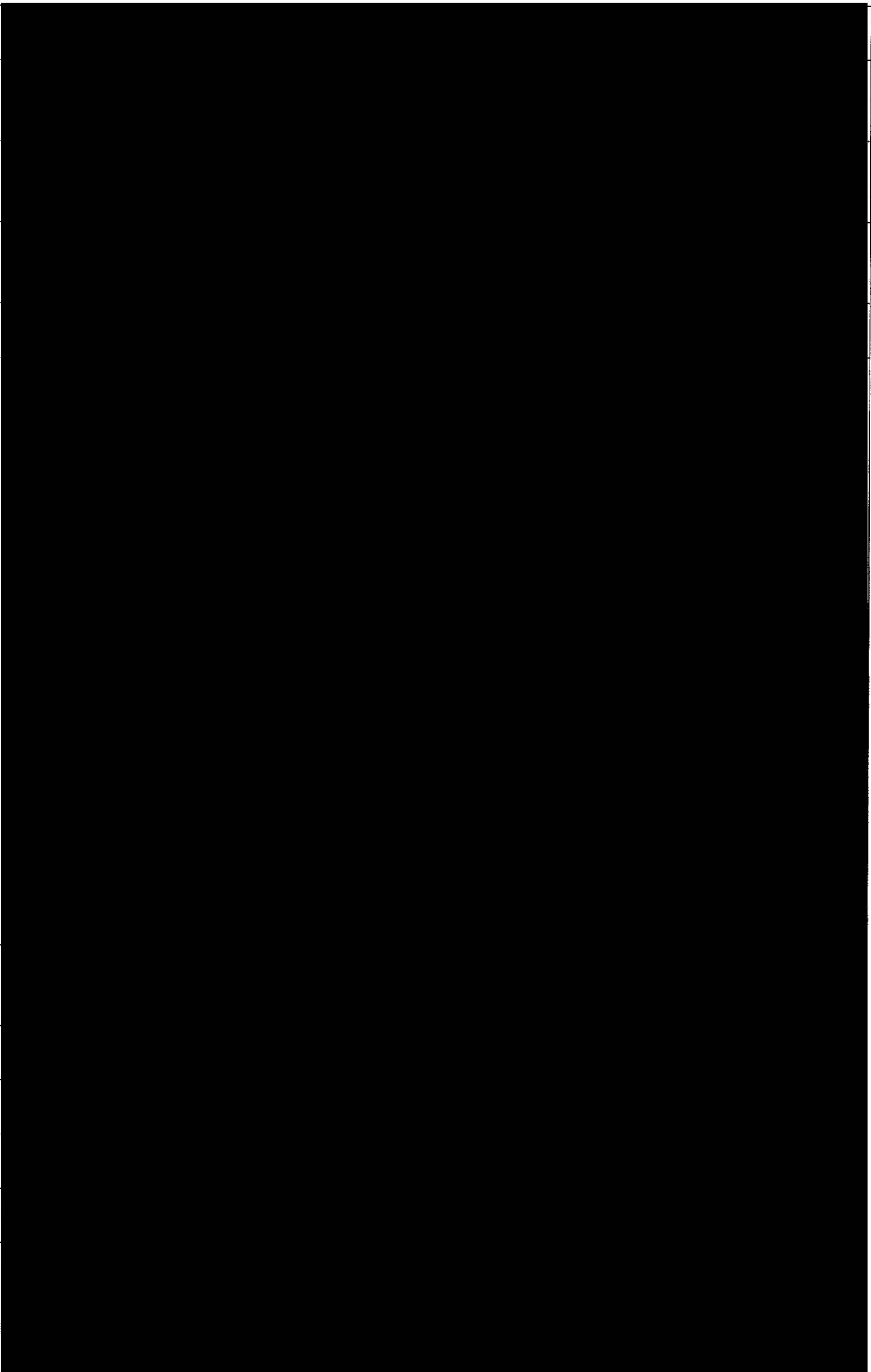
Puget Sound Energy

By: 

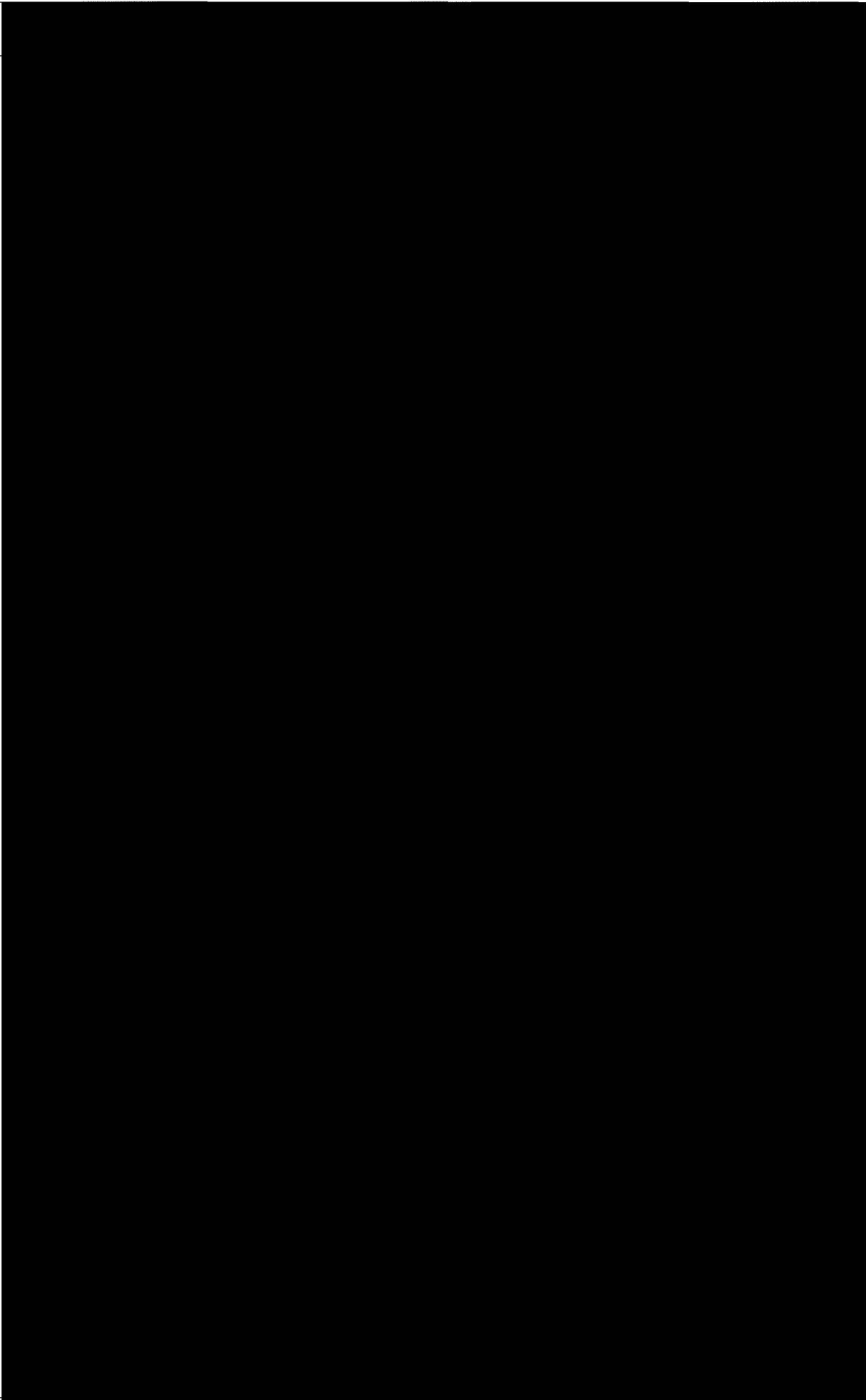
Name: Chris Smith

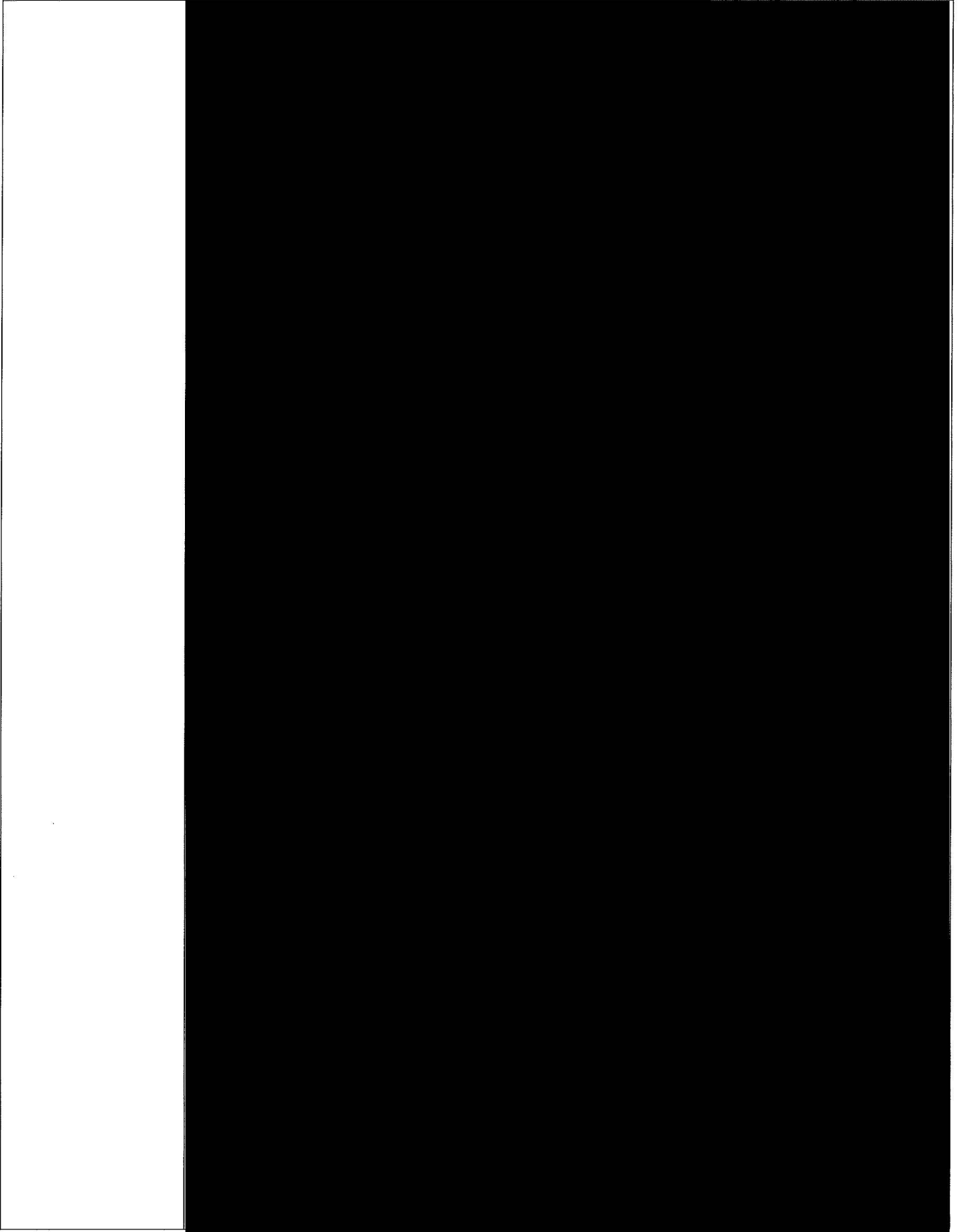
Title: Manager, Trading

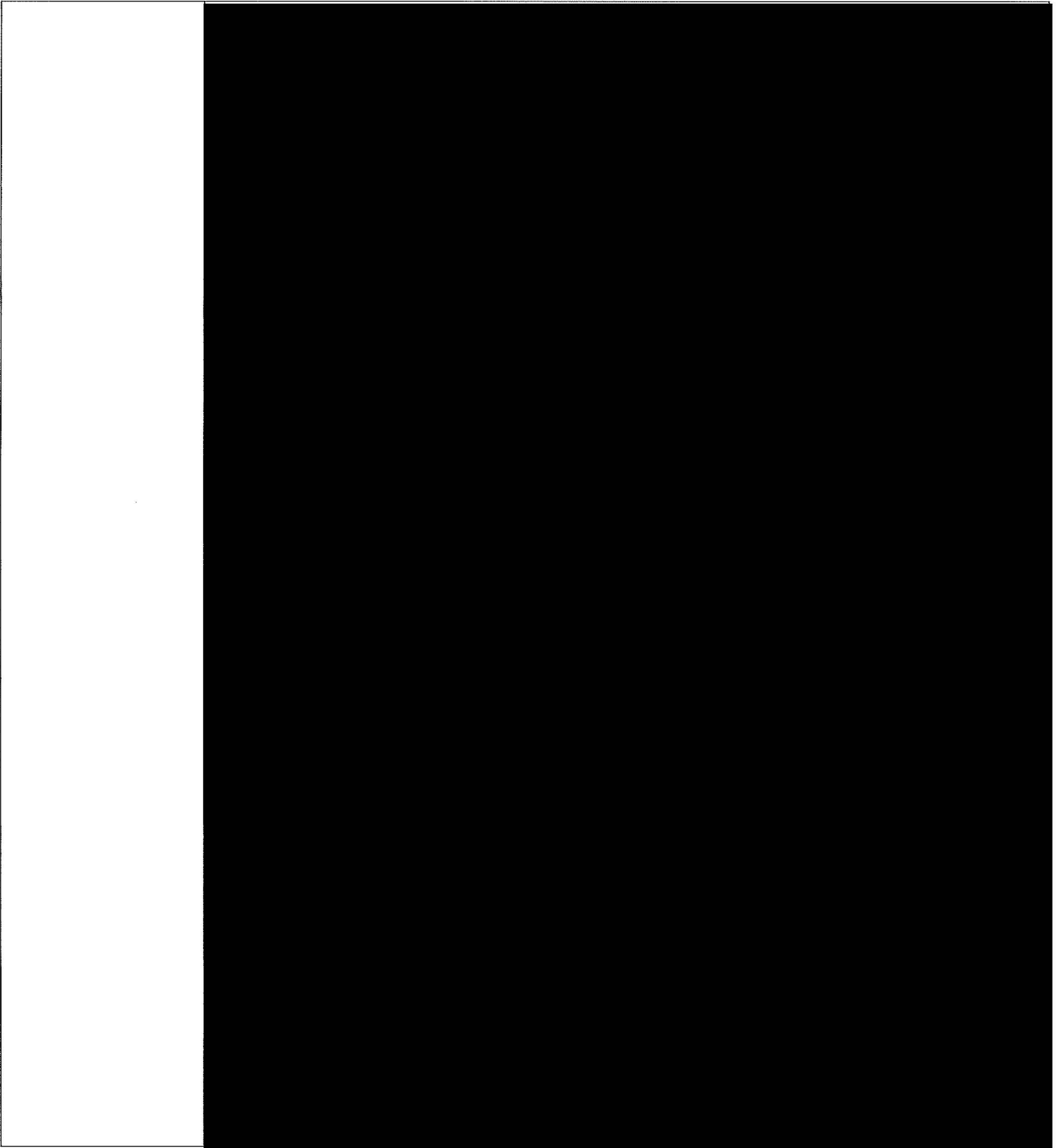
RENEWABLE ENERGY CREDITS (“RECs”) PURCHASE AND SALE AGREEMENT (“Agreement”)

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

General Terms and
Conditions:







Shaded Information is Designated as CONFIDENTIAL per WAC 480-07-160

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





Inter-Account Transfer

Printed Date: 7/16/2020 2:42:26 PM

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	4	W3186	Meadow Creek Wind Farm - Five Pine Project	WND	PugetSound	10,915	3186-ID-339995-1 to 10915	12/30/2019 2:47:06 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	802335
2019	5	W3186	Meadow Creek Wind Farm - Five Pine Project	WND	PugetSound	7,305	3186-ID-344109-1 to 7305	12/30/2019 2:47:07 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	802336
2019	6	W3186	Meadow Creek Wind Farm - Five Pine Project	WND	PugetSound	7,056	3186-ID-348199-1 to 7056	12/30/2019 2:47:07 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	802338
2019	4	W3185	Meadow Creek Wind Farm - North Point Wind Farm	WND	PugetSound	24,908	3185-ID-337351-1 to 24908	12/30/2019 2:47:06 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	802334
2019	5	W3185	Meadow Creek Wind Farm - North Point Wind Farm	WND	PugetSound	8,397	3185-ID-341348-6259 to 14655	12/30/2019 2:47:07 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	802339
			Meadow Creek										

Inter-Account Transfer (Continue)

Printed Date: 7/16/2020 2:42:26 PM

2019	6	W3185	Wind Farm - North Point Wind Farm	WND	PugetSound	16,419	3185-ID-345519-1 to 16419	12/30/2019 2:47:07 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	802337
2019	1	W697	Nine Canyon Wind Project - Nine Canyon Phase 3	WND	PugetSound	198	697-WA-328035-395 to 592	3/25/2020 1:21:05 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832179
2019	2	W697	Nine Canyon Wind Project - Nine Canyon Phase 3	WND	PugetSound	474	697-WA-332860-6 to 479	3/25/2020 1:21:05 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832180
2019	3	W697	Nine Canyon Wind Project - Nine Canyon Phase 3	WND	PugetSound	442	697-WA-335683-6 to 447	3/25/2020 1:21:05 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832183
2019	4	W697	Nine Canyon Wind Project - Nine Canyon Phase 3	WND	PugetSound	1,037	697-WA-339485-6 to 1042	3/25/2020 1:21:06 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832186
2019	5	W697	Nine Canyon Wind Project - Nine Canyon Phase 3	WND	PugetSound	551	697-WA-343536-6 to 556	3/25/2020 1:21:06 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832189
			Nine										

Inter-Account Transfer (Continue)

Printed Date: 7/16/2020 2:42:26 PM

2019	6	W697	Canyon Wind Project - Nine Canyon Phase 3	WND	PugetSound	784	697-WA-347671-7 to 790	3/25/2020 1:21:07 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832191
2019	1	W360	White Creek Wind 1 - White Creek	WND	PugetSound	103	360-WA-325215-7243 to 7345	3/25/2020 1:21:04 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832177
2019	2	W360	White Creek Wind 1 - White Creek	WND	PugetSound	429	360-WA-332633-5917 to 6345	3/25/2020 1:21:05 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832181
2019	3	W360	White Creek Wind 1 - White Creek	WND	PugetSound	196	360-WA-333016-5997 to 6192	3/25/2020 1:21:05 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832184
2019	4	W360	White Creek Wind 1 - White Creek	WND	PugetSound	652	360-WA-336815-16221 to 16872	3/25/2020 1:21:06 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832187
2019	5	W360	White Creek Wind 1 - White Creek	WND	PugetSound	417	360-WA-340830-12956 to 13372	3/25/2020 1:21:06 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832190
2019	6	W360	White Creek Wind 1 - White Creek	WND	PugetSound	1,000	360-WA-344991-16197 to 17196	3/25/2020 1:21:07 PM		Puget Sound Energy	Confirm	For 2020 RPS Compliance-11761	832193



Please see green highlighted facilities.

WREGIS Active Generators

Printed Date: 7/14/2020 2:47:51 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
MicroGrid Systems, LLC	W10122	1 Gen - FITS1110 - 17400 Victory Blvd	Other Non-Utility	No	No	Solar	5/29/2020	0.430			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
100 Pioneer, LLC	W10089	100 Pioneer St. - 100 Pioneer St.	Other Non-Utility	No	No	Solar	2/14/2019	0.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Mymt Systems	No
Soleasing FIT, LLC	W4923	1122-11423 Vanowen - FITS1042 - 11423 Vanowen St	Other Non-Utility	No	No	Solar	4/1/2016	0.233			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
Soleasing FIT, LLC	W4922	1254-10261 Glenoaks Blvd - FITS1039 - 10261 Glenoaks Blvd	Other Non-Utility	No	No	Solar	4/1/2016	0.091			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
IOS II, LLC	W7160	13207 Bradley Avenue - FITS1098 - 13207 Bradley Avenue	Other Non-Utility	No	No	Solar	10/22/2018	0.786			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
Soleasing FIT, LLC	W4921	1425-12360 Foothill Blvd - FITS1041 - 12360 FOOTHILL BL	Other Non-Utility	No	No	Solar	3/4/2016	0.135			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
Broadstreet Energy CA, LLC	W4169	14539 Blythe Solar PV - FITS1011 - 14539 Blythe St	Other Non-Utility	No	No	Solar	11/7/2014	0.080			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
MKM Oakdale Solar, LLC	W4162	19801 W Nordhoff Place - FITS1018 - 19821 W Nordhoff Place	Other Non-Utility	No	No	Solar	9/23/2014	1.184			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
Pristine Sun, LLC	W3739	2041 Alvares - 2041 Alvares	Electric Wholesale Generator	No	No	Solar	2/10/2014	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3626	2056 Jardine - 2056 Jardine	Electric Wholesale Generator	No	No	Solar	3/3/2014	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	SolaRenewal LLC	No
Pristine Sun, LLC	W3305	2065 Rogers - 2065 Rogers	Electric Wholesale Generator	No	No	Solar	7/12/2013	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3634	2081 Terzian - 2081 Terzian	Electric Wholesale Generator	No	No	Solar	2/17/2014	1.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3632	2094 Buzelle - 2094 Buzelle	Electric Wholesale Generator	No	No	Solar	7/22/2014	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3633	2096 Cotton - 2096 Cotton	Electric Wholesale Generator	No	No	Solar	3/3/2014	0.999			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3635	2097 Helton - 2097 Helton	Electric Wholesale Generator	Yes	No	Solar	3/23/2015	1.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3625	2102 Christensen - 2102 Christensen	Electric Wholesale Generator	No	No	Solar	2/6/2014	0.999			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3627	2103 Hill - 2103 Hill	Electric Wholesale Generator	No	No	Solar	1/7/2015	0.750			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Oroville Solar LLC	W5382	2105 Hart - 2105 Hart	Other Non-Utility	No	No	Solar	12/19/2016	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Oroville Solar, LLC	No
Pristine Sun, LLC	W3631	2113 Fitzjarrell - 2113 Fitzjarrell	Electric Wholesale Generator	No	No	Solar	6/27/2014	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3740	2125 Jarvis - 2125 Jarvis	Electric Wholesale Generator	No	No	Solar	6/27/2014	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W3636	2127 Harris - 2127 Harris	Electric Wholesale Generator	No	No	Solar	7/30/2014	1.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Oroville Solar LLC	W5383	2154 Foote - 2154 Foote	Other Non-Utility	No	No	Solar	12/19/2016	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Oroville Solar, LLC	No
Pristine Sun, LLC	W3306	2158 Stroing - 2158 Stroing	Electric Wholesale Generator	No	No	Solar	10/2/2013	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Bookends LLC	W4033	21717 Nordhoff - FITS1007 - 21717 Nordhoff St	Other Non-Utility	No	No	Solar	6/9/2014	0.083			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Los Angeles Department of Water and Power	No
Pristine Sun, LLC	W3623	2179 Smotherman - 2179 Smotherman	Electric Wholesale Generator	No	No	Solar	10/22/2013	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SolaRenewal LLC	No
Pristine Sun, LLC	W4702	2192 Ramirez - 2192 Ramirez	Electric Wholesale Generator	No	No	Solar	2/11/2016	0.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Oroville Solar, LLC	No

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Idaho Wind Partners 1, LLC	W1862	Golden Valley Wind Park - Golden Valley Wind Park	Electric Wholesale Generator	Yes	No	Wind	2/1/2011	12.000			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	Idaho Wind Partners 1, LLC	No
Golden West Power Partners LLC	W4786	Golden West Power Partners - Golden West Power Partners	Electric Wholesale Generator	No	Yes	Solar	10/12/2015	249.400			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	Golden West Power Partners, LLC	No
Golden West Power Partners LLC	W4786	Golden West Power Partners - Golden West Power Partners	Electric Wholesale Generator	No	Yes	Wind	10/12/2015	249.400			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	Golden West Power Partners, LLC	No
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	Not Declared	No	Not Declared	No	Costco Wholesale	No
Costco Wholesale	W3877	Goleta 474 - Goleta II	Other Non-Utility	No	No	Solar	1/29/2008	0.231			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	Not Declared	No	Costco Wholesale	No
Goleta Water District	W310	Goleta Water District - Goleta Water District	Municipal/Public Utility	Yes	No	Hydroelectric Water	5/1/1986	0.250		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	Southern California Edison	No
Candauigua Wine, Inc.	W1791	Gonzales Winery Solar, LLC - Constellation Wines	IOU	No	No	Solar	5/1/2009	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	Pacific Power Renewables, 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	Not Declared	No	Not Declared	No	PacifiCorp	No
Cottonwood Solar, LLC	W4151	Goose Lake Solar - Goose Lake Solar	Other Non-Utility	No	No	Solar	5/22/2015	12.000			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	Dominion Energy Generation Marketing, Inc.	No
Gordon Butte Wind, LLC	W2559	Gordon Butte Wind - Gordon Butte Wind	Electric Wholesale Generator	Yes	No	Wind	1/4/2012	9.600			Not Declared	Not Declared	Contact CEC	No	Yes	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	NorthWestern Energy	No
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	No	Not Declared	No	Not Declared	No	Southern California Edison	No
ALBERT GOYENETCHE	W10015	GOYENETCHE DAIRY - Goyenetze Solar Project I	Other Non-Utility	No	No	Solar	12/19/2017	0.782			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	California Bioenergy LLC	No
ALBERT GOYENETCHE	W10016	GOYENETCHE DAIRY - Goyenetze Solar Project II	Other Non-Utility	No	No	Solar	5/9/2018	0.900			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	California Bioenergy LLC	No
ALBERT GOYENETCHE	W10017	GOYENETCHE DAIRY - Goyenetze Solar Project III	Other Non-Utility	No	No	Solar	1/17/2018	0.384			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	California Bioenergy LLC	No
PacifiCorp	W137	Grace - Grace	IOU	No	No	Hydroelectric Water	1/1/1914	33.000	12/22/2003		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	Yes	PacifiCorp	No	
Grady Wind Energy Center, LLC	W7366	Grady Wind Energy Center, LLC - Grady Wind Energy Center, LLC	Electric Wholesale Generator	No	No	Wind	7/30/2019	220.000		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	Grady Wind Energy Center, LLC	No
Henwood Associates, Inc.	W1531	Graeagle - Graeagle	Other Non-Utility	Yes	No	Hydroelectric Water	12/30/1981	0.450			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	Henwood Associates, Inc.	No
Northern Water Hydropower Enterprise	W4984	Granby Hydro Project - Granby Hydro	Co-Op	No	No	Hydroelectric Water	5/20/2016	1.200			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	Tri-State Generation and Transmission	No
OC Solar 2010, LLC	W3503	Grand - OC Central Operations Center - OC Central Operations - Registrar of Voters	Other Non-Utility	No	No	Solar	11/26/2012	0.959			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	PFMG Solar, LLC	No
US Dept. of Interior Bureau of Reclamation	W3808	Grand Coulee - Grand Coulee G1	Federal	No	Yes	Hydroelectric Water	4/1/1942	125.000			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	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3808	Grand Coulee - Grand Coulee G1	Federal	No	Yes	IEH	4/1/1942	125.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3808	Grand Coulee - Grand Coulee G1	Federal	No	Yes	LHN	4/1/1942	125.000			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	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3823	Grand Coulee - Grand Coulee G10	Federal	No	Yes	Hydroelectric Water	9/1/1951	125.000			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	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3823	Grand Coulee - Grand Coulee G10	Federal	No	Yes	IEH	9/1/1951	125.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3823	Grand Coulee - Grand Coulee G10	Federal	No	Yes	LHN	9/1/1951	125.000			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	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3822	Grand Coulee - Grand Coulee G11	Federal	No	Yes	Hydroelectric Water	6/1/1951	125.000			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	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3822	Grand Coulee - Grand Coulee G11	Federal	No	Yes	IEH	6/1/1951	125.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Bonneville Power Administration	No
US Dept. of Interior Bureau of Reclamation	W3822	Grand Coulee - Grand Coulee G11	Federal	No	Yes	LHN	6/1/1951	125.000			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	Bonneville Power Administration	No

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PacifiCorp	W1341	McFadden Ridge - McFadden Ridge	IOU	No	No	Wind	9/29/2009	28.500		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	PacifiCorp	No
Ormat Technologies	W4061	McGinness Hills - McGinness Hills	Other Non-Utility	No	No	Geothermal Energy	6/20/2012	48.000			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	NV Energy	No
Ormat Technologies	W4495	McGinness Hills 2	Other Non-Utility	No	No	Geothermal Energy	2/4/2015	48.000			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	NV Energy	No
ORNI 41 LLC	W7114	McGinness Hills 3 - McGinness Hills 3	Other Non-Utility	No	No	Geothermal Energy	12/8/2018	74.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	ORMAT Technologies, Inc.	No
McKesson Drug Corporation	W7667	McKesson Drug Corporation - West Sacramento JB-95615597	Other Non-Utility	No	No	Solar	6/10/2019	0.953			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Tesla, Inc.	No
PUD #1 of Klickitat County	W1138	McNary Fishway Hydro Project - McNary In	Municipal/Public Utility	Yes	No	Hydroelectric Water	10/17/1997	10.000	10/17/1997		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Klickitat County PUD	No
Bureau of Reclamation	W4360	McPhee Powerplant - McPhee Unit 1	Federal	No	No	Hydroelectric Water	12/1/1992	1.283		Non-jurisdictional	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Western Area Power Administration (CRSP)	No
Nella Properties LLC	W3403	MD Solar, LLC - Mater Dei High School	IOU	No	No	Solar	2/15/2013	0.471			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Pacific Power Renewables, Inc.	No
Meadow Creek Project Company	W3186	Meadow Creek Wind Farm - Five Pine Project	Electric Wholesale Generator	Yes	No	Wind	12/22/2012	40.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Ridgeline Energy LLC	No
Meadow Creek Project Company	W3185	Meadow Creek Wind Farm - North Point Wind Farm	Electric Wholesale Generator	Yes	No	Wind	12/11/2012	80.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Ridgeline Energy LLC	No
Public Service Company of New Mexico	W4516	Meadow Lake Solar Energy Center - PNM_MLK Solar	IOU	No	No	Solar	1/26/2014	9.120			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Public Service Company of New Mexico	No
Nautilus Solar Sequoia, LLC	W1593	Meadows Field - Meadows Field	Other Non-Utility	No	No	Solar	1/1/2010	0.745			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Nautilus Solar Energy, LLC	No
Medicine Bow Wind, LLC	W1403	Medicine Bow Wind Project - 11089-WT10	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	7/1/2000	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1404	Medicine Bow Wind Project - 11090-WT11	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	7/1/2000	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1398	Medicine Bow Wind Project - 4168-WT5	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	10/1/1999	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1399	Medicine Bow Wind Project - 4169-WT6	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	10/1/1999	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1400	Medicine Bow Wind Project - 4170-WT7	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	10/1/1999	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1401	Medicine Bow Wind Project - 4171-WT8	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	10/1/1999	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1402	Medicine Bow Wind Project - 4172-WT9	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	10/1/1999	0.710			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1397	Medicine Bow Wind Project - 7658-WT2	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	4/13/1998	0.650			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
Medicine Bow Wind, LLC	W1394	Medicine Bow Wind Project - 7659-WT1	Electric Wholesale Generator/Municipal/Public Utility	No	No	Wind	4/13/1998	0.650			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Platte River Power Authority	No
White River Electric Assoc., Inc.	W5013	Meeker Solar Garden Project - Meeker Solar Garden Project	Co-Op	No	No	Solar	6/1/2016	0.120			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Tri-State Generation and Transmission	No
Mega Renewables (Clover Creek)	W623	Mega Hydro #1 (Clover Creek) - Mega Hydro #1 (Clover Creek)	Other Non-Utility	Yes	No	Hydroelectric Water	2/21/1986	1.000	8/4/1983		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Hydrodynamics Inc	No
Mega Hydro (Goose Valley Ranch)	W624	Mega Hydro (Goose Valley Ranch) - Mega Hydro (Goose Valley Ranch)	Other Non-Utility	Yes	No	Hydroelectric Water	4/8/1983	0.280	11/26/1982		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Goose Valley Ranch, LLC	No
Mega Renewables (Bidwell Ditch)	W625	Mega Renewables (Bidwell Ditch) - Mega Renewables (Bidwell Ditch)	Other Non-Utility	Yes	No	Hydroelectric Water	2/22/1987	1.800	2/10/1987		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Hydrodynamics Inc	No
Mega Renewables (Hatchet Creek)	W626	Mega Renewables (Hatchet Creek) - Mega Renewables (Hatchet Creek)	Other Non-Utility	Yes	No	Hydroelectric Water	12/5/1986	6.800	5/9/1985		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Hydrodynamics Inc	No
Shasta Hydroelectric Inc.	W627	Mega Renewables (Roaring Creek) - Mega Renewables (Roaring Creek)	Other Non-Utility	Yes	No	Hydroelectric Water	12/5/1986	2.000	12/28/1984		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Hydrodynamics Inc	No

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Truckee-Carson Irrigation District	W4075	New Lahontan - New Lahontan	Municipal/Public Utility	No	No	Hydroelectric Water	4/1/1989	5.000			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	NV Energy	No
Bureau of Reclamation	W1159	New Melones Powerplant - New Melones Unit 1	Federal	No	No	Hydroelectric Water	6/1/1979	150.000		Non-jurisdictional	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Western Area Power Administration	No
Bureau of Reclamation	W1160	New Melones Powerplant - New Melones Unit 2	Federal	No	No	Hydroelectric Water	6/1/1979	150.000		Non-jurisdictional	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Western Area Power Administration	No
FPL Energy New Mexico Wind, LLC	W880	New Mexico Wind Energy Center - NMWEC	Electric Wholesale Generator	No	No	Wind	9/1/2003	204.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Yes	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Public Service Company of New Mexico	No
Newberry Solar 1 LLC	W3942	Newberry Solar 1 LLC - Newberry Solar 1 LLC	Electric Wholesale Generator	No	No	Solar	11/14/2013	1.492		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	Southern California Edison	No
Pacific Gas & Electric	W364	Newcastle Powerhouse - Newcastle Powerhouse	IOU	No	No	Hydroelectric Water	12/1/1986	12.700	6/24/1963		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Pacific Gas and Electric Company	No
Nevada Geothermal Power	W4072	NGP Blue Mountain I, LLC - Blue Mountain	Other Non-Utility	No	No	Geothermal Energy	11/20/2009	63.900			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	NV Energy	No
Nicolis, LLC	W5131	Nicolis, LLC - Nicolis Solar PV Plant	Electric Wholesale Generator	No	No	Solar	9/15/2016	20.000		not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Southern California Edison	No
NID/Combie North	W636	NID/Combie North - NID/Combie North	Other Non-Utility	No	No	Hydroelectric Water	3/24/1988	0.522	7/30/1984		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Nevada Irrigation District	No
NID/Combie South	W637	NID/Combie South - NID/Combie South	Other Non-Utility	Yes	No	Hydroelectric Water	4/26/1984	1.500	11/5/1981		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Nevada Irrigation District	No
Nevada Irrigation District	W638	NID/Scotts Flat Hydro - NID/Scotts Flat Hydro	Other Non-Utility	Yes	No	Hydroelectric Water	2/14/1985	0.850	5/14/1982		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Nevada Irrigation District	No
Imperial Irrigation District	W2535	Niland Gas Turbine Plant - Unit #1	Municipal/Public Utility	No	Yes	Biogas	5/29/2008	60.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	IMPERIAL IRRIGATION DISTRICT	No
Imperial Irrigation District	W2535	Niland Gas Turbine Plant - Unit #1	Municipal/Public Utility	No	Yes	Natural Gas	5/29/2008	60.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	IMPERIAL IRRIGATION DISTRICT	No
Imperial Irrigation District	W2536	Niland Gas Turbine Plant - Unit #2	Municipal/Public Utility	No	Yes	Biogas	5/29/2008	60.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	IMPERIAL IRRIGATION DISTRICT	No
Imperial Irrigation District	W2536	Niland Gas Turbine Plant - Unit #2	Municipal/Public Utility	No	Yes	Natural Gas	5/29/2008	60.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	IMPERIAL IRRIGATION DISTRICT	No
Bureau of Reclamation	W1161	Nimbus Powerplant - Nimbus Plant (2)	Federal	No	No	Hydroelectric Water	5/1/1955	13.400		Non-jurisdictional	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Western Area Power Administration	No
Energy Northwest	W697	Nine Canyon Wind Project - Nine Canyon Phase 3	Electric Wholesale Generator	No	No	Wind	5/8/2008	32.200			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Energy Northwest	No
Energy Northwest	W684	Nine Canyon Wind Project - Nine Canyon Wind Project	Electric Wholesale Generator	No	No	Wind	9/1/2002	63.700			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Energy Northwest	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	No	Avista Utilities	No
Avista Corporation	W283	Nine Mile HED 2 - Nine Mile HED 2	IOU	No	No	Hydroelectric Water	6/1/1994	20.000	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	No	Avista Utilities	No
NLH1 Solar, LLC	W2811	NLH1 Solar - Nickel 1 Solar	Electric Wholesale Generator	No	No	Solar	11/26/2012	1.500		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	Sky Capital America Inc	No
Sun Harvest Solar, LLC	W4547	NLH2 Solar - Nickel 2 Solar	Electric Wholesale Generator	No	No	Solar	5/28/2015	1.500		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	Sky Capital America Inc	No
NLP Granger A82, LLC	W5060	NLP Granger A82, LLC - Mesa Crest	Other Non-Utility	No	No	Solar	9/1/2016	3.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Heelstone Energy Holdings, LLC	No
NLP Valley Center Solar, LLC	W5061	NLP Valley Center Solar, LLC - Cole Grade	Other Non-Utility	No	No	Solar	11/11/2016	2.330			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Heelstone Energy Holdings, LLC	No
Oasis State Park	W4703	NM Energy Minerals & Natural Resources Dept - Indian Grass Campground Comfort Station	Co-Op	No	No	Solar	7/31/2015	0.010			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Roosevelt County Electric Cooperative, Inc.	No
Puget Sound Hydro, LLC	W4034	Noosack Hydro - Gen 1	Other Non-Utility	Yes	No	Hydroelectric Water	11/1/1906	1.500		Non-jurisdictional	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Puget Sound Hydro, LLC	No
San Francisco Public Utilities Commission	W6988	North Beach Library Solar - North Beach Library Solar	Municipal/Public Utility	No	No	Solar	8/20/2014	0.010		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	San Francisco Public Utilities Commission	No
ORNI 18	W861	North Brawley Project - OEC 1 - North Brawley	Electric Wholesale Generator	Yes	No	Geothermal Energy	12/31/2008	16.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	ORMAT Technologies, Inc.	No

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OR Solar 3 LLC	W6982	OR Solar 3 LLC - OR3 - Turkey Hill	Other Non-Utility	No	No	Solar	12/30/2017	10.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	No	Heelstone Energy Holdings, LLC	No
OR Solar 5 LLC	W6983	OR Solar 5 LLC - OR5 - Merrill	Other Non-Utility	No	No	Solar	1/12/2018	8.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	No	Heelstone Energy Holdings, LLC	No
OR Solar 6 LLC	W6984	OR Solar 6 LLC - OR6 - Lakeview	Other Non-Utility	No	No	Solar	12/28/2017	10.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	No	Heelstone Energy Holdings, LLC	No
OR Solar 8 LLC	W6986	OR Solar 8 LLC - OR8 - Dairy	Other Non-Utility	No	No	Solar	3/14/2018	10.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	No	Heelstone Energy Holdings, LLC	No
Orange County Sanitation District	W421	Orange County Sanitation District - Orange County Sanitation District	Municipal/Public Utility	Yes	Yes	Biogas	7/27/1993	16.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Southern California Edison	No
Orange County Sanitation District	W421	Orange County Sanitation District - Orange County Sanitation District	Municipal/Public Utility	Yes	Yes	Natural Gas (CEC Renewable)	7/27/1993	16.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Southern California Edison	No
Orange Cove Irrigation District	W757	Orange Cove Irrigation District - Orange Cove Irrigation District	Other Non-Utility	Yes	No	Hydroelectric Water	8/23/1990	0.450	5/16/1991		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Pacific Gas and Electric Company	No
Yakima-Tieton Irrigation District	W1990	Orchard Ave - Orchard Ave	Municipal/Public Utility	Yes	No	Hydroelectric Water	6/15/1986	1.600	7/6/1984		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Yakima-Tieton Irrigation District	No
CD Global Solar II Sponsor, L.P.	W5373	Orchard Ranch Solar, LLC - Orchard Ranch Solar, LLC	Electric Wholesale Generator	No	No	Solar	2/2/2017	20.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	No	CD Global Solar II ID, LLC	No
OREG 4 Inc	W2127	OREG 4 - OREG 4 Preetz	Electric Wholesale Generator/Municipal/Public Utility	No	No	WHR	3/9/2009	4.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Tri-State Generation and Transmission	No
Idaho Wind Partners 1, LLC	W1882	Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	Electric Wholesale Generator	No	No	Wind	1/25/2011	13.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Idaho Wind Partners 1, LLC	No
Exelon Wind, LLC	W1206	Oregon Trail Windfarm LLC - Oregon Trail Windfarm LLC	Electric Wholesale Generator	Yes	No	Wind	7/23/2009	9.900			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	No	Exelon Generation Company, LLC	No
Costco Wholesale	W5011	Orem 484 - Orem	Other Non-Utility	No	No	Solar	3/20/2015	0.500	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	No	Costco Wholesale	No
Orion Solar I, LLC	W3981	Orion Solar I - Orion Solar I, LLC	Other Non-Utility	Yes	No	Solar	4/10/2014	12.000			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
Orion Solar II, LLC	W4186	Orion Solar II, LLC - Orion Solar II, LLC	Electric Wholesale Generator	Yes	No	Solar	6/26/2014	8.000	not applicable		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Southern California Edison	No
Ormat Nevada	W745	Ormesa Geothermal I - Geo East Mesa III	Electric Wholesale Generator	Yes	No	Geothermal Energy	5/1/1989	20.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	ORMAT Technologies, Inc.	No
Ormat Nevada	W3132	Ormesa Geothermal I - Geo East Mesa III - GBU	Electric Wholesale Generator	Yes	No	Geothermal Energy	3/1/2007	8.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	ORMAT Technologies, Inc.	No
Ormat Nevada	W419	Ormesa Geothermal I - Ormesa I	Electric Wholesale Generator	Yes	No	Geothermal Energy	12/15/1986	31.200			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	ORMAT Technologies, Inc.	No
Ormat Nevada	W744	Ormesa Geothermal I - Ormesa II	Electric Wholesale Generator	Yes	No	Geothermal Energy	12/15/1987	22.800			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	ORMAT Technologies, Inc.	No
SPP Fund III, LLC	W2126	Oro Loma Sanitary District - Oro Loma Solar Meter	Other Non-Utility	No	No	Solar	3/17/2011	0.394			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Clearway Renew LLC	No
City of Boulder	W1128	Orodell - Orodell	Other Non-Utility	No	No	Hydroelectric Water	9/10/1987	0.220	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	No	Tri-State Generation and Transmission	No
Oregon Solar Land Holdings	W5370	OSLH, LLC - Oregon Solar Land Holdings - Collier	Electric Wholesale Generator	No	No	Solar	2/1/2017	9.900			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	No	Pine Gate Renewables, LLC	No
Customer Owned	W2889	OSPV 2011	IOU	No	No	Solar	5/3/2012	0.245			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Idaho Power Company	Yes
	W4742	OSPV 2014	IOU	No	No	Solar	10/29/2014	0.064			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Idaho Power Company	Yes
customer owned	W2753	OSPV2010	IOU	No	No	Solar	12/3/2010	0.075			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Idaho Power Company	Yes
Customer Owned	W4411	OSPV2013	IOU	No	No	Solar	8/28/2013	0.072			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Idaho Power Company	Yes
Public Service Company of New Mexico	W3881	Otero County Solar Energy Center - Otero County Solar - Tularosa	IOU	No	No	Solar	12/10/2013	7.500			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	No	Public Service Company of New Mexico	No
Otoe Solar Power Generation Station 1 LLC	W4018	Otoe Solar Power Generation Station 1 LLC - Otoe Solar Power Generation Station 1 LLC	Electric Wholesale Generator	No	No	Solar	12/28/2013	1.500	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	No	Southern California Edison	No

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PUD #1 of Klickitat County	W825	Roosevelt Biogas #1 - LFG Engine #2	Municipal/Public Utility	Yes	No	Biogas	6/1/1999	2.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Klickitat County PUD	No
PUD #1 of Klickitat County	W826	Roosevelt Biogas #1 - LFG Engine #3	Municipal/Public Utility	Yes	No	Biogas	6/1/1999	2.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Klickitat County PUD	No
PUD #1 of Klickitat County	W827	Roosevelt Biogas #1 - LFG Engine #4	Municipal/Public Utility	Yes	No	Biogas	6/1/1999	2.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Klickitat County PUD	No
PUD #1 of Klickitat County	W828	Roosevelt Biogas #1 - LFG Engine #5	Municipal/Public Utility	Yes	No	Biogas	8/10/2000	2.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Klickitat County PUD	No
Klickitat PUD	W2398	Roosevelt Biogas 1 - LFG Engines 7-9 - LFG Phase II	Municipal/Public Utility	No	No	Biogas	11/17/2010	26.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	Yes	Not Declared	No	Not Declared	No	No	Klickitat County PUD	No
Roosevelt Wind Project, LLC	W4753	Roosevelt Wind Project, LLC - Roosevelt Wind Project, LLC	Electric Wholesale Generator	No	No	Wind	12/15/2015	250.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	EDF Renewable Asset Holdings	No
Solar Star California XLI, LLC	W5216	Rosamond I - West Solar - Solar Star California XLI, LLC	Electric Wholesale Generator	No	No	Solar	12/21/2016	54.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SunPower Corporation, Systems	No
Golden Fields Solar I, LLC	W5217	Rosamond II - West Solar - Golden Fields Solar I, LLC	Electric Wholesale Generator	No	No	Solar	12/21/2016	54.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	SunPower Corporation, Systems	No
RE Rosamond One LLC	W3858	Rosamond One - Rosamond One	Other Non-Utility	No	No	Solar	12/23/2013	20.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Santa Clara	No
Roseburg Energy LLC	W2616	Roseburg LFG - Roseburg LFG Energy	Electric Wholesale Generator	Yes	No	Biogas	12/20/2011	1.600			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Roseburg LFG Energy, LLC	No
Clean Focus Renewables, Inc.	W7161	Roseville Community Solar - Roseville Community Solar	Other Non-Utility	No	No	Solar	12/28/2018	0.986			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Clean Focus Renewables, Inc	No
Roswell Solar, LLC	W5062	Roswell Solar - Roswell Solar	IOU	No	No	Solar	8/25/2016	70.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	NexEra Energy Marketing, LLC	No
Portland General Electric	W877	Round Butte - Round Butte 1	IOU	No	No	Hydroelectric Water	8/1/1964	112.500	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
Portland General Electric	W878	Round Butte - Round Butte 2	IOU	No	Yes	Hydroelectric Water	11/1/1964	130.000	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
Portland General Electric	W878	Round Butte - Round Butte 2	IOU	No	Yes	IEH	11/1/1964	130.000	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
Portland General Electric	W878	Round Butte - Round Butte 2	IOU	No	Yes	LHN	11/1/1964	130.000	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
Portland General Electric	W879	Round Butte - Round Butte 3	IOU	No	Yes	Hydroelectric Water	10/1/1964	130.000	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
Portland General Electric	W879	Round Butte - Round Butte 3	IOU	No	Yes	IEH	10/1/1964	130.000	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
Portland General Electric	W879	Round Butte - Round Butte 3	IOU	No	Yes	LHN	10/1/1964	130.000	6/21/2005		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Portland General Electric Company	No
City of Riverside	W2747	RPU PV 2011 Group 1 - RPU PV 2011 Group 1	Municipal/Public Utility	No	No	Solar	2/15/2011	0.250			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W2748	RPU PV 2011 Group 2 - RPU PV 2011 Group 2	Municipal/Public Utility	No	No	Solar	8/8/2011	0.266			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W2750	RPU PV 2011 Group 3 - RPU PV 2011 Group 3	Municipal/Public Utility	No	No	Solar	9/28/2011	0.260			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W2809	RPU PV 2012 Group 1 - RPU PV 2012 Group 1	Municipal/Public Utility	No	No	Solar	5/22/2012	0.220			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W2948	RPU PV 2012 Group 2 - RPU PV 2012 Group 2	Municipal/Public Utility	No	No	Solar	9/7/2012	0.224			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W3172	RPU PV 2012 Group 3 - RPU PV 2012 Group 3	Municipal/Public Utility	No	No	Solar	10/25/2012	0.256			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W3469	RPU PV 2013 Group 1 - RPU PV 2013 Group 1	Municipal/Public Utility	No	No	Solar	2/7/2013	0.235			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W3470	RPU PV 2013 Group 2 - RPU PV 2013 Group 2	Municipal/Public Utility	No	No	Solar	2/11/2013	0.244			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W3471	RPU PV 2013 Group 3 - RPU PV 2013 Group 3	Municipal/Public Utility	No	No	Solar	2/20/2013	0.227			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W3892	RPU PV 2013 Group 4 - RPU PV 2013 Group 4	Municipal/Public Utility	No	No	Solar	8/5/2013	0.240			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No
City of Riverside	W3893	RPU PV 2013 Group 5 - RPU PV 2013 Group 5	Municipal/Public Utility	No	No	Solar	9/16/2013	0.236			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	City of Riverside Public Utilities	No

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Safeway-Albertsons Companies, Inc.	W9342	Safeway-Albertsons - American Canyon #1883 - Safeway-Albertsons - American Canyon #1883	Other Non-Utility	No	No	Solar	6/5/2008	0.225			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	Three Rivers Energy, Inc.	No
Safeway-Albertsons Companies, Inc.	W9338	Safeway-Albertsons - Camarillo #2094 - Safeway-Albertsons - Camarillo #2094	Other Non-Utility	No	No	Solar	7/2/2008	0.115			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	Three Rivers Energy, Inc.	No
Safeway-Albertsons Companies, Inc.	W7576	Safeway-Albertsons - Dublin #1953 - Safeway-Albertsons - Dublin #1953	Other Non-Utility	No	No	Solar	10/19/2007	0.225			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Three Rivers Energy, Inc.	No
Safeway-Albertsons Companies, Inc.	W9336	Safeway-Albertsons - Fairfield #1722 - Safeway-Albertsons - Fairfield #1722	Other Non-Utility	No	No	Solar	3/6/2008	0.225			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	Three Rivers Energy, Inc.	No
Safeway-Albertsons Companies, Inc.	W9341	Safeway-Albertsons - Morgan Hill #1891 - Safeway-Albertsons - Morgan Hill #1891	Other Non-Utility	No	No	Solar	7/20/2008	0.224			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	Three Rivers Energy, Inc.	No
Safeway-Albertsons Companies, Inc.	W9335	Safeway-Albertsons - Placerville #1724 - Safeway-Albertsons - Placerville #1724	Other Non-Utility	No	No	Solar	3/6/2008	0.225			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	Three Rivers Energy, Inc.	No
Safeway-Albertsons Companies, Inc.	W9340	Safeway-Albertsons - Simi Valley #2692 - Safeway-Albertsons - Simi Valley #2692	Other Non-Utility	No	No	Solar	5/23/2008	0.141			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	Three Rivers Energy, Inc.	No
Sage Solar I, LLC	W8800	Sage I - Sage I	Electric Wholesale Generator	Yes	No	Solar	9/30/2019	20.000			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	Not Declared	No	Sage Solar I, LLC	No
Sage Solar II, LLC	W8808	Sage II - Sage II	Electric Wholesale Generator/Wholesale Marketer	Yes	No	Solar	9/13/2019	20.000			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	Not Declared	No	Sage Solar II, LLC	No
Sage Solar III, LLC	W8811	Sage III - Sage III	Electric Wholesale Generator/Wholesale Marketer	Yes	No	Solar	9/13/2019	17.600			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	Not Declared	No	Sage Solar III, LLC	No
J.M. Miller Enterprises, Inc.	W1008	Sahko Hydro - Sahko Hydro	Other Non-Utility	No	No	Hydroelectric Water	6/26/2006	0.500	2/12/1999		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	J.M. Miller Enterprises, Inc.	No
Modesto Irrigation District	W3028	Salida Hulling Association - Salida Hulling Association	Municipal/Public Utility	No		Solar	3/2/2011	0.450			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	Modesto Irrigation District	No
Public Service Company of Colorado	W1095	Salida Hydro - Unit 1	IOU	No	No	Hydroelectric Water	6/1/1929	0.800	5/7/2023		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	Public Service Company of Colorado	No
Public Service Company of Colorado	W1096	Salida Hydro - Unit 2	IOU	No	No	Hydroelectric Water	6/1/1908	0.600	5/7/2023		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	Public Service Company of Colorado	No
Salk Institute for Biological Studies	W2322	Salk Institute PV - Salk Institute PV	Other Non-Utility	No	No	Solar	8/24/2011	0.462			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	Salk Institute For Biological Studies	No
Henwood Associates dba Salmon Creek	W603	Salmon Creek Hydroelectric Project - Salmon Creek Hydroelectric Project	Other Non-Utility	Yes	No	Hydroelectric Water	11/28/1984	0.520	8/10/1981		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	Salmon Creek Hydroelectric Company, LLC	No
Idaho Wind Partners 1, LLC	W1885	Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	Electric Wholesale Generator	Yes	No	Wind	4/22/2011	21.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Idaho Wind Partners 1, LLC	No
Wasatch View Solar LLC	W2808	Salt Palace Solar Generation Plant - Salt Palace North Unit	Other Non-Utility	No	No	Solar	4/3/2012	1.016		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	Salt Lake County	No
Wasatch View Solar LLC	W2839	Salt Palace Solar Generation Plant - Salt Palace South Unit	Other Non-Utility	No	No	Solar	4/3/2012	0.635		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	Salt Lake County	No
Enel Green Power North America	W4058	Salt Wells - Salt Wells	Other Non-Utility	No	No	Geothermal Energy	9/18/2009	23.600			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	NV Energy	No
Salton Sea Power Generation L.P.	W462	Salton Sea IV - Salton Sea IV	Electric Wholesale Generator	Yes	No	Geothermal Energy	5/9/1996	47.500			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	Southern California Edison	No
Salton Sea Power Generation L.P.	W461	Salton Sea Power Generation L.P. #1 - Salton Sea Power Generation L.P. #1	Electric Wholesale Generator	Yes	No	Geothermal Energy	7/1/1982	10.000			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	CE Portfolio	No
Salton Sea Power Generation L.P.	W458	Salton Sea Power Generation L.P. #2 - Salton Sea Power Generation L.P. #2	Electric Wholesale Generator	Yes	No	Geothermal Energy	3/9/1990	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	Southern California Edison	No
Salton Sea Power Generation L.P.	W455	Salton Sea Power Generation L.P. #3 - Salton Sea Power Generation L.P. #3	Electric Wholesale Generator	Yes	No	Geothermal Energy	2/1/1989	53.900			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	CE Portfolio	No
Salton Sea Power LLC	W1372	Salton Sea Power LLC Unit 5 - Salton Sea Power LLC Unit 5	Electric Wholesale Generator	Yes	No	Geothermal Energy	4/1/2000	49.000			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	CalEnergy	No

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Santa Fe Public Schools - SFPS	W5534	Santa Fe Public Schools - SFPS - Santa Fe High School Science Building	Other Non-Utility	No	No	Solar	10/11/2016	0.216			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	Public Service Company of New Mexico	No
Public Service Company of New Mexico	W4893	Santa Fe Solar Energy Center - Santa Fe Solar Energy Center	IOU	No	No	Solar	12/3/2015	9.500			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	Public Service Company of New Mexico	No
Buckman Direct Diversion Board	W2315	Santa Fe Water Treatment Plant - Buckman Direct Diversion Board	Other Non-Utility	No	No	Solar	2/16/2011	0.991			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	Public Service Company of New Mexico	No
Costco Wholesale	W7449	Santa Maria 1275 - Santa Maria 1275	Other Non-Utility	No	No	Solar	1/10/2019	0.468			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	Costco Wholesale	No
Calleguas Municipal Water District	W304	Santa Rosa - Calleguas MWD - Unit 3	Municipal/Public Utility	Yes	No	Hydroelectric Water	7/1/1986	0.250		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	Southern California Edison	No
Public Service Company of New Mexico	W4890	Santolina Solar Energy Center - Santolina Solar Energy Center	IOU	No	No	Solar	12/3/2015	10.500			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	Public Service Company of New Mexico	No
HSD Solar Holdings, LLC	W3489	Saugus High School 1 - Saugus High School 1	Other Non-Utility	No	No	Solar	9/18/2012	0.503			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	PFMG Solar, LLC	No
HSD Solar Holdings, LLC	W3518	Saugus High School 2 - Saugus High School 2	Other Non-Utility	No	No	Solar	9/18/2012	0.357			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	PFMG Solar, LLC	No
City of Anaheim	W7288	Savanna Unified School District - Carritus Elementary School	Municipal/Public Utility	No	No	Solar	3/5/2019	0.111			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 Anaheim	No
City of Anaheim	W7287	Savanna Unified School District - Hansen Elementary School	Municipal/Public Utility	No	No	Solar	3/5/2019	0.091			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 Anaheim	No
Los Angeles Department of Water and Power	W2350	Sawtelle Power Plant - Sawtelle Power Plant SAW	Municipal/Public Utility	No	No	Hydroelectric Water	6/5/1986	0.650			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	Los Angeles Department of Water and Power	No
Idaho Winds LLC	W2323	Sawtooth Wind Project - Sawtooth Wind Project	Electric Wholesale Generator	Yes	No	Wind	11/1/2011	22.400		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	Idaho Winds LLC	No
Sacramento Municipal Utility District	W2982	SB1_2007G1solar - SB1_2007G1	Municipal/Public Utility	No	No	Solar	11/5/2007	0.194			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
Sacramento Municipal Utility District	W2983	SB1_2007G2solar - SB1_2007G2	Municipal/Public Utility	No	No	Solar	7/4/2007	0.115			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
Sacramento Municipal Utility District	W2984	SB1_2008G1solar - SB1_2008G1	Municipal/Public Utility	No	No	Solar	12/22/2008	0.070			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
Sacramento Municipal Utility District	W2985	SB1_2008G2solar - SB1_2008G2	Municipal/Public Utility	No	No	Solar	12/31/2008	0.249			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
Sacramento Municipal Utility District	W2986	SB1_2009G1solar - SB1_2009G1	Municipal/Public Utility	No	No	Solar	11/9/2009	0.213			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
Sacramento Municipal Utility District	W2987	SB1_2009G2solar - SB1_2009G2	Municipal/Public Utility	No	No	Solar	12/4/2009	0.236			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
Sacramento Municipal Utility District	W2988	SB1_2009G3solar - SB1_2009G3	Municipal/Public Utility	No	No	Solar	10/28/2009	0.219			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
Sacramento Municipal Utility District	W2989	SB1_2010G1solar - SB1_2010G1	Municipal/Public Utility	No	No	Solar	8/27/2010	0.236			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
Sacramento Municipal Utility District	W2990	SB1_2010G2solar - SB1_2010G2	Municipal/Public Utility	No	No	Solar	6/30/2010	0.055			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
Sacramento Municipal Utility District	W2991	SB1_2010G3solar - SB1_2010G3	Municipal/Public Utility	No	No	Solar	11/8/2010	0.145			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
Sacramento Municipal Utility District	W2992	SB1_2011G1solar - SB1_2011G1	Municipal/Public Utility	No	No	Solar	11/29/2011	0.239			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
Sacramento Municipal Utility District	W2993	SB1_2011G2solar - SB1_2011G2	Municipal/Public Utility	No	No	Solar	10/27/2011	0.240			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
Sacramento Municipal Utility District	W2994	SB1_2011G3solar - SB1_2011G3	Municipal/Public Utility	No	No	Solar	10/27/2011	0.247			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
Sacramento Municipal Utility District	W2995	SB1_2011G4solar - SB1_2011G4	Municipal/Public Utility	No	No	Solar	10/27/2011	0.211			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
Sacramento Municipal Utility District	W2996	SB1_2011G5solar - SB1_2011G5	Municipal/Public Utility	No	No	Solar	8/17/2011	0.163			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

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Tioga Solar I LLC	W873	The Athenian School - The Athenian School - Gym Meter	Other Non-Utility	Yes	No	Solar	12/16/2008	0.100			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	sPower, LLC	No	
Pico Energy, LLC	W1371	The B6 Dairy BioFactory(R) Project - The B6 Dairy BioFactory(R) Project	Electric Wholesale Generator	Yes	No	Biogas	12/1/2009	2.130			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Pico Energy, LLC	No	
The Bell Group dba Rio Grande Jewelers	W1982	The Bell Group dba Rio Grande Jewelers - The Bell Group dba Rio Grande Jewelers	IOU	No	No	Solar	7/13/2010	0.471			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Public Service Company of New Mexico	No	
The Bell Group dba Rio Grande Jewelers	W3548	The Bell Group dba Rio Grande Jewelers - The Bell Group dba Rio Grande Jewelers 2	IOU	No	No	Solar	7/13/2010	0.471			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Public Service Company of New Mexico	No	
Stephen Maycock	W3192	The Cima Group, Inc - The Cima Group, Inc	Other Non-Utility	No	No	Solar	6/1/2012	0.021			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Green Direct Funding, LLC	No	
Clorox Services Company	W10028	The Clorox Company - Fairfield - Fairfield	Other Non-Utility	No	No	Solar	3/8/2017	0.444			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	The Clorox Company	No	
The College Preparatory School	W5461	The College Preparatory School JB-9462071 - The College Preparatory School JB-9462071	Other Non-Utility	No	No	Solar	3/7/2017	0.078			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Tesla, Inc.	No	
Northern Wasco County PUD	W2171	The Dalles North Shore Fishway Project - The Dalles Dam North Shore Fishway Project	Municipal/Public Utility	Yes	No	Hydroelectric Water	5/28/1991	6.500	12/31/1987	not applicable	Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	Yes	Northern Wasco County PUD	No
The Dr. Miriam and G. Adelson Educational Campus	W5184	The Dr. Miriam and G. Adelson Educational Campus - NPC RENGEN SGS-01013	Other Non-Utility	No	No	Solar	11/13/2013	0.314			Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	NV Energy	No
AgPower DCD, LLC	W388	The Dry Creek Dairy BioFactory® Project - The Dry Creek Dairy BioFactory® Project	Municipal/Public Utility	Yes	No	Biogas	7/1/2008	2.700			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	No	AgPower DCD, LLC	No
Kettle Butte Digester, LLC	W2547	The Kettle Butte Dairy Biofactory - The Kettle Butte Dairy Biofactory	Other Non-Utility	Yes	No	Biogas	6/14/2011	1.696			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	3Degrees Group Inc	No
The Roman Catholic Bishop of San Diego	W5437	The Roman Catholic Bishop of San Diego - San Diego Pastoral Center - JB-9218433	Other Non-Utility	No	No	Solar	11/23/2016	0.157			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Tesla, Inc.	No
Modesto Irrigation District	W3024	The Wine Group - The Wine Group	Municipal/Public Utility	No	No	Solar	12/30/2009	0.999			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Modesto Irrigation District	No
52300 City of Santa Fe GCCC Sports Complex	W5528	Therapy Pool - Recreation Center Therapy Pool	Other Non-Utility	No	No	Solar	12/16/2014	0.073			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Public Service Company of New Mexico	No
Thermal Energy Development Corp.	W685	Thermal Energy Development Corp. - Thermal Energy Development Corp.	Other Non-Utility	Yes	Yes	Biomass	4/26/1990	23.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Pacific Gas and Electric Company	No
Thermal Energy Development Corp.	W685	Thermal Energy Development Corp. - Thermal Energy Development Corp.	Other Non-Utility	Yes	Yes	Natural Gas (CEC Renewable)	4/26/1990	23.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Pacific Gas and Electric Company	No
Thermo No. 1, BE-01, LLC	W1312	Thermo No. 1 - Thermo No. 1	Other Non-Utility	Yes	No	Geothermal Energy	4/16/2009	14.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Future Resources Associates, Inc.	No
Thomas Creek Solar, LLC	W9318	Thomas Creek Solar - Thomas Creek Solar	Other Non-Utility	No	No	Solar	7/26/2019	1.980			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Neighborhood Power Corporation	No
Thomas Fogarty Winery	W5843	Thomas Fogarty Winery JB-940852 - Thomas Fogarty Winery JB-940852	Other Non-Utility	No	No	Solar	6/9/2011	0.056			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Tesla, Inc.	No
Milpitas Unified School District	W1547	Thomas Russell Middle School Solar - Thomas Russell Middle School Solar	Other Non-Utility	No	No	Solar	1/1/2009	0.189			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Milpitas Unified School District	No
CRPD Solar 1, LLC	W4852	Thousand Oaks Community Park - Thousand Oaks Carport Solar System	Electric Wholesale Generator	No	No	Solar	12/6/2013	0.125		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	Conejo Recreation & Park District	No
Idaho Power Co	W1354	Thousand Springs - Thousand Springs - Unit 3	IOU	No	No	Hydroelectric Water	5/1/1920	6.800	7/1/1920		Not Declared	Not Declared	Contact CEC	No	No	Yes	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Idaho Power Company	No
Idaho Wind Partners 1, LLC	W1881	Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	Electric Wholesale Generator	No	No	Wind	1/17/2011	12.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Yes	No	Not Declared	No	Not Declared	No	No	Idaho Wind Partners 1, LLC	No
Grizzly Mountain Ranch (Norman Ross Burgess)	W758	Three Forks Water Power Project - Three Forks Water Power Project	Other Non-Utility	Yes	No	Hydroelectric Water	12/28/1984	1.625	1/28/1991		Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	No	Pacific Gas and Electric Company	No
Three Peaks Power, LLC	W5218	Three Peaks - Three Peaks	Other Non-Utility	Yes	No	Solar	12/9/2016	80.000			Not Declared	Not Declared	Contact CEC	No	No	Not Declared	Not Declared	No	Not Declared	Yes	Not Declared	No	Not Declared	No	No	Three Peaks Power, LLC	No

WREGIS Active Generators (Continue)

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Los Angeles County Sanitation Districts	W866	Total Energy Facility - TEF - GEN 1	Other Non-Utility	Yes	Yes	Biogas	1/1/1986	9.900			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	No	Not Declared	No	Sanitation Districts of Los Angeles County	No
Los Angeles County Sanitation Districts	W866	Total Energy Facility - TEF - GEN 1	Other Non-Utility	Yes	Yes	Natural Gas (CEC Renewable)	1/1/1986	9.900			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	No	Sanitation Districts of Los Angeles County	No		
Los Angeles County Sanitation Districts	W3412	Total Energy Facility - TEF - GEN 4	Other Non-Utility	Yes	Yes	Biogas	1/1/1986	8.700			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	No	Sanitation Districts of Los Angeles County	No		
Los Angeles County Sanitation Districts	W3412	Total Energy Facility - TEF - GEN 4	Other Non-Utility	Yes	Yes	Natural Gas (CEC Renewable)	1/1/1986	8.700			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	No	Sanitation Districts of Los Angeles County	No		
Los Angeles County Sanitation Districts	W867	Total Energy Facility - TEF - GEN2	Other Non-Utility	Yes	Yes	Biogas	1/1/1986	9.900			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	No	Sanitation Districts of Los Angeles County	No		
Los Angeles County Sanitation Districts	W867	Total Energy Facility - TEF - GEN2	Other Non-Utility	Yes	Yes	Natural Gas (CEC Renewable)	1/1/1986	9.900			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	No	Sanitation Districts of Los Angeles County	No		
Los Angeles County Sanitation Districts	W868	Total Energy Facility - TEF - GEN3	Other Non-Utility	Yes	Yes	Biogas	1/1/1986	9.900			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	No	Sanitation Districts of Los Angeles County	No		
Los Angeles County Sanitation Districts	W868	Total Energy Facility - TEF - GEN3	Other Non-Utility	Yes	Yes	Natural Gas (CEC Renewable)	1/1/1986	9.900			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	No	Sanitation Districts of Los Angeles County	No		
Touro University Nevada	W5156	Touro University Nevada - NPC RENGEN SG-0001	Other Non-Utility	No	No	Solar	3/29/2016	0.496			Not Declared	Not Declared	Contact CEC	No	No	Yes	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	No	NV Energy	No		
Touro University Nevada	W5172	Touro University Nevada Unit 100 - NPC RENGEN SG-0003	Other Non-Utility	No	No	Solar	3/29/2016	0.496			Not Declared	Not Declared	Contact CEC	No	No	Yes	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	No	NV Energy	No		
Bureau of Reclamation	W4363	Towaoc Powerplant - Towaoc Unit 1	Federal	No	No	Hydroelectric Water	5/1/1993	11.495		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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Western Area Power Administration (CRSP)	No		
Costco Wholesale	W3764	Tracy - Tracy 658	Other Non-Utility	No	No	Solar	1/14/2011	0.586			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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Costco Wholesale	No		
Southern California Edison	W2764	Transpark #1 (TIE1) - Transpark #1 (TIE1)	IOU	No	No	Solar	1/16/2013	2.500		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	No	Not Declared	No	Southern California Edison	No		
TRCC/Rock Outlet Center, LLC	W8135	TRCC - Tejon Outlets	Other Non-Utility	No	No	Solar	7/11/2019	0.600			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	No	Not Declared	No	California Commercial Solar, Inc	No		
Savant Solar I LLC	W5764	Tres Piedras - Tres Piedras	Co-OpElectric Wholesale Generator	No	No	Solar	8/1/2017	0.995			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	No	Guzman Energy Partners LLC.	No		
Tri-Dam Power Authority	W489	Tri-Dam Authority - Sandbar Southern Powerhouse - Tri-Dam Authority - Sandbar Southern Powerhouse	Other Non-Utility	Yes	No	Hydroelectric Water	5/19/1986	16.200	9/8/1983		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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	City of Santa Clara	No		
AJ Bos	W9618	Trilogy Dairy - Trilogy Dairy North Solar Project	Other Non-Utility	No	No	Solar	3/16/2015	0.481			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	No	California Bioenergy LLC	No		
AJ Bos	W9619	Trilogy Dairy - Trilogy Dairy South Solar Project	Other Non-Utility	No	No	Solar	3/3/2015	0.723			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	No	California Bioenergy LLC	No		
Bureau of Reclamation	W1175	Trinity Powerplant - Trinity Unit 1	Federal	No	No	Hydroelectric Water	2/1/1964	70.000		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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Western Area Power Administration	No		
Bureau of Reclamation	W1176	Trinity Powerplant - Trinity Unit 2	Federal	No	No	Hydroelectric Water	2/1/1964	70.000		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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Western Area Power Administration	No		
CSE Operating I, LLC	W4212	Triple-G Dairy Biogas - Triple G-Arizona Facility 1	Other Non-Utility	No	No	Biogas	12/20/2013	0.600			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	No	Not Declared	No	Chapel Street Environmental	No		
Tropico, LLC	W5132	Tropico, LLC - Tropico Solar PV Plant	Electric Wholesale Generator	No	No	Solar	9/14/2016	14.000		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	No	Not Declared	No	Southern California Edison	No		
Trout Creek Solar LLC	W7404	Trout Creek Solar Project - Buena Vista Correctional Facility	Co-Op	No	No	Solar	1/31/2019	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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Tri-State Generation and Transmission	No		
Truth Tabernacle Church	W6980	Truth Tabernacle Church - Truth Tabernacle Church JB-923300	Other Non-Utility	No	No	Solar	4/30/2013	0.045			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	No	Tesla, Inc.	No		
Idaho Wind Partners 1, LLC	W1883	Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	Electric Wholesale Generator	No	No	Wind	1/25/2011	10.500			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	No	Not Declared	No	Idaho Wind Partners 1, LLC	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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Exelon Generation Company, LLC	No		
Portland General Electric	W4482	Tucannon River Wind Farm - Tucannon River 1	IOU	No	No	Wind	12/15/2014	133.400			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	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Not Declared	No	Portland General Electric Company	No		

