

June 1, 2022

VIA ELECTRONIC FILING

Amanda Maxwell
Executive Director and Secretary
Washington Utilities and Transportation Commission
621 Woodland Square Loop SE
Lacey, WA 98503

RE: 2022 Annual Renewable Portfolio Standard Report

In accordance with RCW 19.285.070 and WAC 480-109-210(1), PacifiCorp dba Pacific Power & Light Company (PacifiCorp) submits its 2022 Annual Renewable Portfolio Standard (RPS) Report to the Washington Utilities and Transportation Commission to report the company's progress in meeting the targets established in RCW 19.285.040.

PacifiCorp requests confidential treatment in accordance with WAC 480-07-160. The documents labeled as confidential include proprietary cost data. This confidential business information is of significant commercial value, which could expose the company to competitive injury if disclosure is unrestricted. Accordingly, PacifiCorp requests confidential treatment on the basis that the documents contain "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 RCW 80.04.095 and in accordance with WAC 480-07-160(2)(b). The only confidential information in this year's report are the negotiated power purchase agreements, which are provided as part of the work papers.

PacifiCorp continues to be concerned that customers may be exposed to a level of market price risk associated with public disclosure of compliance information, but has agreed to publicly release certain components of the report as agreed upon with stakeholders in the informal RPS workgroup.

In compliance with RCW 19.285.070(3) and WAC 480-109-210(4), the company will post the public renewable report on its website to make the information available to customers.

It is respectfully requested that any formal correspondence and staff requests regarding these reports be addressed to:

By e-mail (preferred) datarequest@pacificorp.com

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah Street, Suite 2000
Portland, OR 97232

Please direct informal questions to Ariel Son, Regulatory Affairs Manager, at (503) 813-5410.

Washington Utilities & Transportation Commission

June 1, 2022

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Sincerely,

 /s/

Shelley McCoy

Director, Regulation

PacifiCorp

825 NE Multnomah Street, Suite 2000

Portland, OR 97232

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Enclosures:

NEW-PAC-Public-Zip-6-1-22 (R)

NEW-PAC-CONF-Zip-6-1-22 (C)



PacifiCorp dba Pacific Power & Light Company

**2022 Renewable Portfolio Standard Report
Washington**

June 1, 2022

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Introduction

PacifiCorp dba Pacific Power & Light Company (PacifiCorp) submits this 2022 Annual Renewable Portfolio Standard Report (RPS Report) to the Washington Utilities and Transportation Commission (Commission) and the Washington Department of Commerce (Commerce) in accordance with reporting requirements established as part of the Energy Independence Act (EIA). The report is consistent with RCW 19.285.070, which states, in relevant part:

- (1) On or before June 1, 2012, and annually thereafter, each qualifying utility shall report to the department on its progress in the preceding year in meeting the targets established in RCW 19.285.040, including expected electricity savings from the biennial conservation target, expenditures on conservation, actual electricity savings results, the utility's annual load for the prior two years, the amount of megawatt-hours needed to meet the annual renewable energy target, the amount of megawatt-hours of each type of eligible renewable resource acquired, the type and amount of renewable energy credits acquired, and the percent of its total annual retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of renewable energy credits.*
- (2) A qualifying utility that is an investor-owned utility shall also report all information required in subsection (1) of this section to the commission, and all other qualifying utilities shall also make all information required in subsection (1) of this section available to the auditor.*

This report is consistent with the collaborative workshop documents addressing annual reporting requirements from Docket UE-110523, Order 01 in Docket UE-120813, Order 01 in Docket UE-140802, and Docket UE-131723.

Executive Summary

Under RCW 19.285.040(2)(a) and WAC 480-109-200(1), each qualifying utility must use eligible renewable resources, equivalent renewable energy credits (RECs), or a combination of both to meet annual targets under Washington’s renewable portfolio standard (RPS). As demonstrated in this report, PacifiCorp met the 2021 renewable energy target with a combination of eligible renewable resources and RECs and will use a combination of eligible renewable resources and RECs to supply at least fifteen percent of its average Washington load to satisfy the 2022 renewable energy target.

A summary of the company’s 2021 and 2022 renewable targets and eligible renewable resources and RECs are provided below:

Table 1

PacifiCorp Renewable Target, Eligible Resource and RECs		
	2021	2022
Average Retail Sales (MWh)	4,198,961	4,132,056
Percentage Target	15%	15%
Renewable Target	615,731	619,808
Qualifying Resources & RECs (MWh)	615,731	619,808

The company does not intend to rely on any of the alternative compliance mechanisms provided in WAC 480-109-210 for meeting either the 2021 or 2022 renewable energy targets.

Annual Load for Previous Two Years and Renewable Energy Target

Under RCW 19.285.040(2)(c) and WAC 480-109-200(1), a utility must calculate its annual target based on its average load for the previous two years. Accordingly, using the average of Washington annual retail loads for the previous two years, Table 2 calculates the company’s annual renewable targets for 2021 and 2022.

Table 2

Target Year 2021	
Prior Year Retail Sales (2019)	4,144,590 MWh
Prior Year Retail Sales (2020)	4,065,151 MWh
Average Retail Sales	4,104,871 MWh
Percentage Target	15%
Renewable Target	615,731 MWh/RECs
Target Year 2022	
Prior Year Retail Sales (2020)	4,065,151 MWh
Prior Year Retail Sales (2021)	4,198,961 MWh
Average Retail Sales	4,132,056 MWh
Percentage Target	15%
Renewable Target	619,808 MWh/RECs

Renewable Energy Acquired to Meet Renewable Energy Target

PacifiCorp met its 2021 renewable resource target and plans to meet its 2022 renewable resource target with a combination of eligible RECs, company- and third-party-owned wind resources, and hydroelectric facilities with upgrades completed after March 1999. Included with this report as Attachment A is the Commission’s RPS Report Tool, which details the renewable resource targets for 2021 and 2022 and the RECs and renewable resources identified to meet the 2021 and 2022 targets.

PacifiCorp will use the following company- and third-party-owned wind facilities for 2022:

Table 3

Resource Name	Fuel Type	Location
Adams Solar	Solar	Oregon
Bear Creek Solar	Solar	Oregon
Bigfork	Incremental Hydro	Montana
Blundell	Geothermal	Utah
Blundell II	Geothermal	Utah
Bly Solar	Solar	Oregon
Campbell Hill/Three Buttes	Wind	Wyoming
Cedar Springs Wind I	Wind	Wyoming
Cedar Springs Wind II	Wind	Wyoming
Cedar Springs Wind III	Wind	Wyoming
Dunlap I	Wind	Wyoming
Ekola Flats Wind	Wind	Wyoming
Elbe Solar	Solar	Oregon
Enterprise	Solar	Utah
Foote Creek I	Wind	Wyoming
Glenrock I	Wind	Wyoming
Glenrock II	Wind	Wyoming
Goodnoe Hills	Wind	Washington
High Plains	Wind	Wyoming
JC Boyle	Incremental Hydro	Oregon
Latigo Wind	Wind	Utah
Leaning Juniper	Wind	Oregon
Lemolo 1	Incremental Hydro	Oregon
Lemolo 2	Incremental Hydro	Oregon
Marengo I	Wind	Washington
Marengo II	Wind	Washington
McFadden Ridge	Wind	Wyoming
Mountain Wind 1	Wind	Wyoming
Mountain Wind 2	Wind	Wyoming
Pavant	Solar	Utah

Resource Name	Fuel Type	Location
Pavant Solar II	Solar	Utah
Pioneer Wind Park I	Wind	Wyoming
Prospect 2	Incremental Hydro	Oregon
Rock River I	Wind	Wyoming
Rolling Hills	Wind	Wyoming
Sage Solar I	Solar	Utah
Sage Solar II	Solar	Utah
Sage Solar III	Solar	Utah
Seven Mile Hill I	Wind	Wyoming
Seven Mile Hill II	Wind	Wyoming
Sweetwater Solar	Solar	Wyoming
Top of the World	Wind	Wyoming
TB Flats I	Wind	Wyoming
TB Flats II	Wind	Wyoming
Wolverine Creek	Wind	Idaho

Descriptions of the projects are referenced in the Supporting Documents for Renewable Report section of this RPS Report and on the company’s website.

PacifiCorp’s incremental hydroelectric facilities are located in the Pacific Northwest and underwent efficiency improvements that were completed after March 31, 1999. PacifiCorp performed analyses to determine the incremental energy associated with these upgrades to hydroelectric facilities, consistent with Method Two in WAC 480-109-200(7)(c). The methodology, described in more detail in Attachment B of this report, is consistent with the methodology the company submitted to the Oregon Department of Energy to certify these facilities and calculate the percentage of incremental energy for the Oregon RPS program. The company performed an analysis of the incremental energy for upgrades to hydroelectric facilities that includes actual generation data from 2007 through 2012. The company re-submitted the analysis to the Oregon Department of Energy in December 2013, and the Oregon Department of Energy approved the updated incremental hydropower efficiency percentages effective January 2014. The eligibility was reviewed and made effective once again by the Oregon Department of Energy in December 2015 and December 2020. The company is providing the analyses in Attachment B.

In January 2017, PacifiCorp contracted to purchase the RECs from six Washington-RPS-eligible solar projects over a consecutive ten-year term.

On November 6, 2019, the company executed a single-year, 2020-vintage REC purchase, for Washington only, to address a forecast, short-term compliance shortfall in 2020. These two solar facilities, Granite Mountain East and Granite Mountain West, are located in Salt Lake County, Utah—a state in which PacifiCorp serves retail electrical customers—in the PacifiCorp-East balancing authority area. The facilities were commercially operational September 21, 2016, and September 30, 2016, respectively. The company also purchases the energy from these facilities

under a twenty-year qualifying-facility power purchase agreement.¹ These facilities are registered in the Western Renewable Energy Generation Information System (WREGIS).²

Pages 8-12 of this RPS Report contain information required by Commerce that will be resubmitted to Commerce upon Commission approval of this report. These pages include a summary of the forecasted number of megawatt-hours and RECs to meet the 2022 compliance target.

Please see Table 5 of this report for a summary of PacifiCorp's expected Washington-allocated resource costs compared to the annual revenue requirement.

¹ WAC 480-109-060 (12)(e)

² See Attachment A – RPS Report Tool for WREGIS IDs.

Energy Independence Act (I-937) Commerce Renewable Report – 2022

Energy Independence Act (EIA) **Renewable Energy Report 2022**

Utility	Pacific Power & Light Company
Report Date	June 1, 2022
Utility Contact Name/Dept	Ariel Son/Regulation Zepure Shahumyan/Environmental Policy
Phone	(503) 813-5410 (503) 813-5288
Email	ariel.son@pacificorp.com zepure.shahumyan@pacificorp.com

Loads and Resources	
2020 Annual Load (MWh)	4,065,151
2021 Annual Load (MWh)	4,198,961
Average of 2020 & 2021 Annual Loads (MWh)	4,132,056
2022 Renewable Target (% of load)	15%
2022 Eligible Renewable Energy Target (MWh)	619,808
2022 Eligible Renewable Resources and RECs	619,808

2022 Compliance Method:

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

Expenditures on Renewable Resources and RECs - 2022	
Amount invested in incremental cost of eligible renewable resources and the cost of RECs	-\$7,302,552
Total annual retail revenue requirement - 2022	\$393,158,062
Investment in renewables and RECs as a percent of retail revenue requirement	-1.9%

	Water	Wind	Solar	Geothermal	Landfill Gas	Wave, Ocean, Tidal	Gas from Sewage Treatment	Biodiesel	Biomass (including incremental)	Qualified Biomass (pre-1999)	Apprentice Labor Credit	Distributed Generation Credit
Eligible Renewable Resources (MWh)	1,426	420,371	38,426	20,330	-	-	-	-	-	-	-	-
Renewable Energy Credits	-	-	139,256	-	-	-	-	-	-	-	-	-
Total Renewables (MWh+RECs)	1,426	420,371	177,682	20,330	-	-	-	-	-	-	-	-

2022 Reporting Year:

This renewable energy report summarizes the eligible renewables resources and renewable energy credits (RECs) that the utility has acquired by January 1, 2022 for the purpose of meeting its Energy Independence Act (EIA) renewables target for 2022. The actual resources and RECs used to comply with the 2022 EIA target may vary from those reported here. Utilities will report in June of 2024 on the actual results for 2022.

Compliance Methods:

The EIA provides three compliance methods for utilities:

- Meet the renewable energy target using any combination of renewable resources and RECs. The target for 2022 is 15% of the utility's load.
- Invest at least 4% of the utility's annual revenue requirement in the incremental cost of renewable resources and RECs.
- Invest at least 1% of its annual revenue requirement in renewable resources and RECs. This option is available only to certain utilities that are not growing.

All utilities must report the renewable resources and RECs acquired for the 2022 target year. Utilities that elect to use a compliance method based on renewable investments must provide additional information demonstrating compliance with that method. Refer to WAC 194-37-110(2) and (3) for specific requirements.

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

Renewable Resources

Utility Pacific Power & Light Company
 Compliance Year 2022

WREGIS ID	Facility Name	Resource Type	Apprentice Labor Eligibility	Generation Amount (MWh)	Apprentice Labor Amount (MWh equiv.)	Explanatory Notes (as needed)
W179	Big Fork - Big Fork	Water	No	82	-	
W194	Blundell - Blundell	Geothermal	No	16,068	-	
W230	Blundell - Blundell 2	Geothermal	No	4,262	-	
W1383	Campbell Hill - Campbell Hill	Wind	No	7,987	-	
W10953	Cedar Springs Wind, LLC - Cedar Springs Wind I	Wind	No	5,359	-	
W11072	Cedar Springs Wind II - Cedar Springs Wind II	Wind	No	5,063	-	
W10972	Cedar Springs Wind III, LLC - Cedar Springs III	Wind	No	5,667	-	
W1687	Dunlap I - Dunlap I	Wind	No	7,997	-	
W11488	Ekola Flats Wind - Ekola Flats Wind	Wind	No	65,251	-	
W201	Foote Creek I - Foote Creek I	Wind	No	15,873	-	
W964	Glenrock I - Glenrock I	Wind	No	8,149	-	
W965	Glenrock III - Glenrock III	Wind	No	10,532	-	
W536	Goodnoe Hills - Goodnoe Hills	Wind	No	20,583	-	
W1334	High Plains - High Plains	Wind	No	27,973	-	
W180	JC Boyle - JC Boyle	Water	No	189	-	
W4909	Latigo Wind Park - Latigo Wind Park	Wind	No	13,408	-	
w200	Leaning Juniper I - Leaning Juniper I	Wind	No	23,530	-	
W157	Lemolo 1 - Lemolo 1	Water	No	754	-	
W158	Lemolo 2 - Lemolo 2	Water	No	115	-	
W185	Marengo - Marengo	Wind	No	9,654	-	
W772	Marengo II - Marengo II	Wind	No	13,693	-	
W1341	McFadden Ridge - McFadden Ridge	Wind	No	9,321	-	
W1022	Mountain Wind Power - Mountain Wind Power	Wind	No	23,485	-	
W1023	Mountain Wind Power II - Mountain Wind Power II	Wind	No	27,695	-	
W5057	PSEG Solar Utah, LLC - Pavant II	Solar	No	9,993	-	
W5126	Pioneer Wind Park - Pioneer Wind Park	Wind	No	38,916	-	
W140	Prospect 2 - Prospect 2	Water	No	286	-	
W187	Rock River I - Rock River I	Wind	No	-	-	
W928	Rolling Hills - Rolling Hills	Wind	No	27,410	-	
W8800	Sage I - Sage I	Solar	No	4,417	-	
W8808	Sage II - Sage II	Solar	No	4,417	-	
W8811	Sage III - Sage III	Solar	No	4,117	-	
W975	Seven Mile Hill I - Seven Mile Hill I	Wind	No	8,468	-	
W976	Seven Mile Hill II - Seven Mile Hill II	Wind	No	7,033	-	
W7365	Sweetwater - Sweetwater	Solar	No	15,481	-	
W1749	Top of the World - Top of the World	Wind	No	6,886	-	
W12023	TB Flats Wind I - TB Flats Wind I	Wind	No	6,940	-	
W12157	TB Flats Wind II - TB Flats Wind II	Wind	No	9,154	-	
W188	Wolverine Creek - Wolverine Creek	Wind	No	14,345	-	

Renewable Energy Credits

Utility Pacific Power & Light Company
 Compliance Year 2022

WREGIS ID	Facility Name	REC Vintage (Year)	Resource Type	Apprentice Labor Eligibility	Distributed Generation Eligibility	Quantity RECs	Apprentice Labor Amount MWh equiv.	Distributed Generation Amount MWh equiv.	Explanatory Notes (as needed)
W7039	Adams Solar Center - Adams Solar Center	2022	Solar	No	No	5,224	-	-	
W7047	Bear Creek Solar Center - Bear Creek Solar Center	2022	Solar	No	No	5,018	-	-	
W7046	Bly Solar Center - Bly Solar Center	2022	Solar	No	No	4,795	-	-	
W7044	Elbe Solar Center - Elbe Solar Center	2022	Solar	No	No	5,032	-	-	
W4938	Enterprise Solar, LLC - Enterprise Solar, LLC	2022	Solar	No	No	77,030	-	-	
W4619	Pavant Solar, LLC - Pavant Solar, LLC	2022	Solar	No	No	42,155	-	-	

Energy Independence Act (I-937) Commerce Renewable Report – 2022

*Costs for acquired RECs may be provided on an aggregated basis when there are sufficient and multiple contracts to obscure the contract price for any single resource or contract. Costs for acquired RECs from an individual resource may be provided five years from execution of the contract for that resource. The cost of an unbundled REC represents the cost of a resource-independent renewable attribute, and is not indicative of the cost of any given resource type – wind, solar, etc..

Energy Independence Act (EIA) Incremental Cost and REC Cost Report 2022

Incremental Cost of Renewable Resources

			Utility		Pacific Power & Light Company				
			Compliance Year		2022				
Facility Name	WREGIS ID	MWh	Renewable Resource Annual Cost in 2022	Renewable Resource Cost per MWh	Description of Substitute Resource	Substitute Resource Annual Cost in 2022	Substitute Resource Cost per MWh	Incremental Cost of Renewable Resource in 2022	
Big Fork - Big Fork	W179	82	-\$1,586	(19)			-	-\$1,586	
Blundell - Blundell	W194	16,068	\$0	-			-	\$0	
Blundell - Blundell 2	W230	4,262	-\$270,817	(64)			-	-\$270,817	
Campbell Hill - Campbell Hill	W1383	7,987	-\$283,649	(36)			-	-\$283,649	
Cedar Springs Wind, LLC - Cedar Springs Wind I	W10953	5,359	-\$171,906	(32)			-	-\$171,906	
Cedar Springs Wind II - Cedar Springs Wind II	W11072	5,063	\$169,532	33			-	\$169,532	
Cedar Springs Wind III, LLC - Cedar Springs III	W10972	5,667	-\$180,347	(32)			-	-\$180,347	
Dunlap I - Dunlap I	W1687	7,997	-\$188,050	(24)			-	-\$188,050	
Ekola Flats Wind - Ekola Flats Wind	W11488	65,251	-\$2,646,951	(41)			-	-\$2,646,951	
Foote Creek I - Foote Creek I	W201	15,873	\$0	-			-	\$0	
Glenrock I - Glenrock I	W964	8,149	-\$37,316	(5)			-	-\$37,316	
Glenrock III - Glenrock III	W965	10,532	-\$40,572	(4)			-	-\$40,572	
Goodnoe Hills - Goodnoe Hills	W536	20,583	\$351,754	17			-	\$351,754	
High Plains - High Plains	W1334	27,973	\$11,792	0			-	\$11,792	
JC Boyle - JC Boyle	W180	189	-\$12,556	(66)			-	-\$12,556	
Latigo Wind Park - Latigo Wind Park	W4909	13,408	-\$487,406	(36)			-	-\$487,406	
Leaning Juniper I - Leaning Juniper I	w200	23,530	\$430,194	18			-	\$430,194	
Lemolo 1 - Lemolo 1	W157	754	-\$34,103	(45)			-	-\$34,103	
Lemolo 2 - Lemolo 2	W158	115	-\$7,550	(66)			-	-\$7,550	
Marengo - Marengo	W185	9,654	\$140,985	15			-	\$140,985	
Marengo II - Marengo II	W772	13,693	\$280,718	21			-	\$280,718	
McFadden Ridge - McFadden Ridge	W1341	9,321	-\$80,059	(9)			-	-\$80,059	
Mountain Wind Power - Mountain Wind Power	W1022	23,485	-\$312,255	(13)			-	-\$312,255	
Mountain Wind Power II - Mountain Wind Power II	W1023	27,695	\$123,433	4			-	\$123,433	
PSEG Solar Utah, LLC - Pavant II	W5057	9,993	-\$610,258	(61)			-	-\$610,258	
Pioneer Wind Park - Pioneer Wind Park	W5126	38,916	-\$1,513,443	(39)			-	-\$1,513,443	
Prospect 2 - Prospect 2	W140	286	-\$11,518	(40)			-	-\$11,518	
Rock River I - Rock River I	W187	-	\$0	-			-	\$0	
Rolling Hills - Rolling Hills	W928	27,410	-\$241,581	(9)			-	-\$241,581	
Sage I - Sage I	W8800	4,417	-\$97,223	(22)			-	-\$97,223	
Sage II - Sage II	W8808	4,417	-\$105,468	(24)			-	-\$105,468	
Sage III - Sage III	W8811	4,117	-\$96,855	(24)			-	-\$96,855	
Seven Mile Hill I - Seven Mile Hill I	W975	8,468	-\$145,068	(17)			-	-\$145,068	
Seven Mile Hill II - Seven Mile Hill II	W976	7,033	-\$127,522	(18)			-	-\$127,522	
Sweetwater - Sweetwater	W7365	15,481	-\$708,511	(46)			-	-\$708,511	
Top of the World - Top of the World	W1749	6,886	-\$210,339	(31)			-	-\$210,339	
TB Flats Wind I - TB Flats Wind I	W12023	6,940	-\$227,878	(33)			-	-\$227,878	
TB Flats Wind II - TB Flats Wind II	W12157	9,154	-\$350,893	(38)			-	-\$350,893	
Wolverine Creek - Wolverine Creek	W188	14,345	\$153,033	11			-	\$153,033	
	0	-					-	\$0	
Totals		480,553	-\$7,540,239			\$0		-\$7,540,239	

Cost of Renewable Energy Credits

Utility	Pacific Power & Light Company
Compliance Year	2022

Facility Name	WREGIS ID	REC Vintage (Year)	Number of RECs	Annual Cost of Renewable Energy Credits	Cost per REC	Documentation of the calculation and inputs for percentage of revenue requirement invested in renewables:
Adams Solar Center - Adams Solar Center	W7039	2022	5,224	\$7,314	1.40	
Bear Creek Solar Center - Bear Creek Solar Center	W7047	2022	5,018	\$7,025	1.40	
Bly Solar Center - Bly Solar Center	W7046	2022	4,795	\$6,713	1.40	
Elbe Solar Center - Elbe Solar Center	W7044	2022	5,032	\$7,045	1.40	
Enterprise Solar, LLC - Enterprise Solar, LLC	W4938	2022	77,030	\$146,357	1.90	
Pavant Solar, LLC - Pavant Solar, LLC	W4619	2022	42,155	\$63,233	1.50	
Total			139,256	\$237,687		

Alternative Compliance

Under WAC 480-109-210(2)(b), the utility must state in its report if it is relying on one of the alternative compliance mechanisms provided in WAC 480-109-220 instead of meeting its renewable resource target. PacifiCorp has met its 2021 obligations and anticipates meeting its 2022 obligations without the need for an alternative compliance mechanism.

Resource Cost Compared to Annual Retail Revenue Requirement

Under RCW 19.285.070(1), a utility must report the percentage of its total annual retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of RECs. Similarly, under WAC 480-109-210, a utility must report the incremental cost of eligible renewable resources and RECs, and the ratio of this investment relative to the utility's total annual retail revenue requirement.

The incremental cost of an eligible renewable resource is defined in RCW 19.285.050(1)(b) as the difference between the levelized delivered cost of the eligible renewable resource, regardless of ownership, compared to the levelized delivered cost of an equivalent amount of reasonably available substitute resource that does not qualify as eligible, where the resources being compared have the same contract length or facility life.

With the adoption of General Order R-578 in Docket UE-131723, the Commission revised rules implementing the EIA, codified in RCW 19.285, including the application of a new methodology for calculating incremental cost. PacifiCorp performed the incremental cost calculations as defined in WAC 480-109-210; please refer to the company's work paper labeled PacifiCorp – WA RPS Resource Cost Analysis Methodology.

REC Costs for REC-Only Purchases

The cost of RECs from a REC-only purchase is based on the contractual price set forth in the applicable bilateral agreement between the company and the counterparty.

Incremental Costs for Renewable Resources

The estimated cost of the RECs from renewable resources is the calculated levelized cost of each eligible renewable resource at the time of acquisition, compared to an equivalent amount of the lowest-reasonable-cost resource available to the utility at the time of the eligible resource's acquisition.

PacifiCorp repowered twelve resources in 2019 and 2020—Dunlap, Glenrock I, Glenrock III, Goodnoe Hills, High Plains, Leaning Juniper, Marengo I, Marengo II, McFadden Ridge, Rolling Hills, Seven Mile Hill I and Seven Mile Hill II. These projects underwent a capital upgrade or “repowering” that changed the capacity value, extended useful life, and changed costs and production tax credits. PacifiCorp recalculated incremental costs for repowering for those twelve resources in its 2021 compliance report.

Incremental Costs for Renewable Energy from Incremental Hydroelectric Upgrades

The estimated incremental cost of eligible renewable energy from incremental hydroelectric upgrades represents the calculated levelized cost of each hydroelectric upgrade at the time of investment in the upgrade, compared to an equivalent amount of the lowest-reasonable-cost resource available to the utility at the time of the eligible resource's acquisition.

The company's work paper provided with this report and labeled PacifiCorp Renewable Resource Cost Analysis provides the key assumptions and analysis that the company used to forecast the estimated resource costs associated with the renewable resources and RECs for the target years 2021 and 2022.

Revenue Requirement

The revenue requirement amounts used in this Renewable Report are from the applicable general rate case, Docket UE-152253 for 2020 and UE-191024 for 2021. The revenue requirement in 2021 is \$366,359,248. For 2022, WA's revenue requirement is \$393,158,062.

Resource Costs Compared to Revenue Requirement

Table 5 shows the expected Washington-allocated resource costs (incremental cost of eligible renewable resources and the cost of RECs) compared to the annual revenue requirements for 2021 and 2022.

Table 5

Calendar Year	Total Washington Allocated Resource Costs	Washington Annual Revenue Requirement	% of Washington Expected Allocated Resource Costs to Annual Revenue Requirement
2021	(\$10,039,702)	\$366,359,248	(2.74%)
2022	(\$7,702,455)	\$393,158,062	(1.96%)

Based on this analysis, the company is able to meet its compliance obligations without exceeding the threshold of four percent of annual revenue requirement.

Multistate Allocations

Under WAC 480-109-210(e)(i), a utility serving retail customers in more than one state must allocate RECs consistent with the utility's most recent Commission-approved inter-jurisdictional allocation methodology. This section explains how the company applied the current inter-jurisdictional allocation methodology to arrive at the number of RECs allocated to Washington customers.

PacifiCorp is a multi-jurisdictional utility providing electric retail service to more than 1.9 million customers in California, Idaho, Oregon, Utah, Washington, and Wyoming. Approximately 137,000 of these customers are located in Washington.

PacifiCorp allocates RECs to its states consistent with the inter-jurisdictional allocation methodologies approved in each state. Oregon, California, Idaho, Utah and Wyoming currently use the 2020 Protocol inter-jurisdictional allocation methodology, or its predecessor the 2017 Protocol.³ The 2017 and 2020 Protocol allocates all generation-related costs, revenues, rate base balances, and RECs to each state using the system generation (SG) allocation factor. The SG factor is calculated based on each state's contribution to PacifiCorp's energy and capacity requirements for its entire six-state system. Using this methodology, Washington's SG factor is approximately eight percent (*i.e.* Washington is approximately eight percent of PacifiCorp's six-state system).

In Washington, however, PacifiCorp used the West Control Area Inter-Jurisdictional Allocation Methodology (WCA) through 2020. This methodology allocated generation resources located in the west control area (primarily located in California, Oregon, and Washington) using the control area generation west (CAGW) allocation factor. The CAGW factor is calculated based on each state's (California, Oregon, and Washington) contribution to PacifiCorp's energy and capacity requirements for the west control area. Washington's CAGW factor is approximately 22 percent (*i.e.*, Washington is approximately 22 percent of the west control area).

As a result of Washington's use of the WCA methodology, PacifiCorp's Washington rates reflected a CAGW share, approximately 22 percent, of generation resources located in the west control area. Accordingly, Washington customers were entitled to approximately 22 percent of RECs from these facilities. Using different inter-jurisdictional allocation methodologies for different states, however, created challenges because the sum of each state's allocated share may not equal 100 percent. To address this issue, PacifiCorp first allocated each state its share of RECs using the state's SG factor. Using this process, Washington received approximately eight percent of RECs from resources in the west-control-area.

The west control area contained the following eligible resources:

- Goodnoe Hills (wind)
- Leaning Juniper (wind)
- Marengo I (wind)
- Marengo II (wind)
- Prospect 2 (incremental hydro)
- Lemolo 1 (incremental hydro)
- Lemolo 2 (incremental hydro)
- JC Boyle (incremental hydro)

³ The California Public Utility Commission approved use of the 2017 Protocol in the Company's most recent general rate case in that state, A.18-04-002. The Commissions in Oregon, Idaho, Utah and Wyoming have all approved the 2020 Protocol.

PacifiCorp addressed the variance between Washington’s SG share of resources in the west control area (approximately eight percent) and Washington’s CAGW share (approximately 22 percent) by providing Washington RECs from other eligible resources. The EIA allows PacifiCorp to use RECs from PacifiCorp facilities in other states where PacifiCorp makes retail sales.⁴ This means that the actual RECs used to fulfill Washington’s CAGW share may have included RECs from resources located in any of PacifiCorp’s jurisdictions or include REC purchases, but the total RECs were equal Washington’s CAGW share of resources in the west control area.

Any REC purchases necessary for RPS compliance in excess of Washington’s CAGW share of resources in the west control area were reflected in Washington customers’ rates.⁵ This treatment ensured that Washington customers received an allocation of costs and benefits of RECs proportionate to its share of costs for renewable resource reflected in rates.

In 2020, PacifiCorp used company-owned and contracted generation from the following resources in Wyoming to provide Washington with its full CAGW allocation:

- Top of the World
- Dunlap I
- Glenrock I
- Campbell Hill/Three Buttes
- Seven Mile Hill I
- Cedar Springs Wind I
- Cedar Springs Wind II
- High Plains
- Rolling Hills

Beginning January 1, 2021, Washington transitioned to a new cost allocation protocol – the Washington Interjurisdictional Allocation Methodology (WIJAM). Under this protocol, Washington receives a system generation share of all system renewables, versus recognizing only west-side renewables under the former WCA. In PacifiCorp’s 2022 plan, Washington is allocated RECs from approximately 27 resources from which it did not previously receive an allocation.

PacifiCorp does not plan to use any third-party REC purchases to supply Washington’s CAGW allocation in 2022. Table 6 summarizes how PacifiCorp plans to supply Washington with its CAGW share of renewable generation in 2022.

Table 6: Allocation of PacifiCorp’s Eligible Generation to Washington*

⁴ RCW 19.285.030(12)(e)

⁵ On February 9, 2017, in Docket UE-161067, the Washington Utilities and Transportation Commission approved PacifiCorp’s request seeking cost recovery for its 2016 unbundled REC purchase. On November 8, 2019, PacifiCorp submitted a petition for an order authorizing the company to defer costs associated with the purchase of unbundled RECs necessary for RPS compliance for calendar year 2020 (Docket UE-190929).

COMPLIANCE RECs	
Target	619,808
2022 Vintage (System Renewables)	480,554
2022 Vintage Multistate REC RFP Purchases	139,254
2023 Vintage (System Renewables)	0
2023 Vintage Multistate REC RFP Purchases	0
	619,808

*see Attachment C, “(2)(a)(ii)Annual-2022, estimate” tab for detail.

PacifiCorp follows WREGIS and state RPS requirements to ensure that RECs are never double-counted.

Prior Year Progress

As demonstrated in this report, PacifiCorp met its Washington 2021 RPS compliance target with a combination of eligible renewable resources, REC purchases and renewable energy from hydroelectric facilities with upgrades completed after March 1999. The company set aside the WREGIS certificates for the 2021 compliance target and, upon Commission approval, will retire these WREGIS certificates. The company is providing a listing of the WREGIS certificates that have been created in its work papers labeled WREGIS Certificates for Washington Compliance for 2021.

The company did not rely on any alternative compliance mechanisms to meet its renewable resource targets for 2021.

Current Year Progress

PacifiCorp plans to meet its Washington 2022 RPS compliance target with eligible renewable resources, including renewable energy from hydroelectric facilities with upgrades completed after March 1999.

The company does not anticipate relying on any alternative compliance mechanisms to meet its renewable resource targets for 2022.

Supporting Documents for Renewable Report

Further information about PacifiCorp’s renewable portfolio standard resources may be found at: <https://www.pacificorp.com/energy/wind-solar.html>

List of Attachments

Attachment A – Washington Utilities and Transportation Commission RPS Report Tool

Attachment B – PacifiCorp Description of Incremental Hydro Methodology and Oregon
Department of Energy Correspondence on Updated Certification for Efficiency
Upgrades at Eleven Hydropower Generating Units

Attachment C – PacifiCorp Incremental Cost Report

Attachment A
Washington Utilities and Transportation
Commission RPS Report Tool

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.					
	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
	16	Adjustment for Events Beyond Control	Number	D62:F62	Enter the annual MWh not produced due to events beyond control as outlined in RCW 19.285.040 (2)(i)

Reporting Entity: PacifiCorp

Reporting Date: June 1, 2022

RCW 19.285 Compliance Need

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Delivered Load to Retail Customers (MWh)	3,984,631	4,005,863	4,041,898	4,092,688	4,117,646	4,108,270	3,981,654	4,221,298	3,949,116	4,144,590	4,065,151	4,198,961	4,109,864
WA State RCW 19.285 Requirement		0%	3%	3%	3%	3%	9%	9%	9%	9%	15%	15%	15%
Quantity Required for Compliance		0	119,857	120,716	122,019	123,155	370,166	364,047	369,133	367,669	607,028	615,731	619,808

Eligible Quantity Acquired

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Qualifying MWh Allocated to WA		104,826	107,711	107,158	114,902	271,108	373,982	285,492	293,213	198,797	560,182	876,701	952,569
Quantity from Non REC Eligible Generation		-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity Available for RCW 19.285 Compliance		104,826	107,711	107,158	114,902	271,108	373,982	285,492	293,213	198,797	560,182	876,701	952,569

Sales and Transfers

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold		-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred		-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized		-	-	-	-	-	-	-	-	-	-	-	-
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		(104,826)	104,826										
2012 Surplus Applied to 2011		-	-										
2012 Surplus Applied to 2013			(92,679)	92,679									
2013 Surplus Applied to 2012			-	-									
2013 Surplus Applied to 2014				(79,121)	79,121								
2014 Surplus Applied to 2013				-	-								
2014 Surplus Applied to 2015					(72,004)	72,004							
2015 Surplus Applied to 2014					-	-							
2015 Surplus Applied to 2016						(219,957)	219,957						
2016 Surplus Applied to 2015						-	-						
2016 Surplus Applied to 2017							(223,773)	223,773					
2017 Surplus Applied to 2016							-	-					
2017 Surplus Applied to 2018								(145,218)	145,218				
2018 Surplus Applied to 2017								-	-				
2018 Surplus Applied to 2019									(69,298)	69,298			
2019 Surplus Applied to 2018									-	-			
2019 Surplus Applied to 2020										-	-		
2020 Surplus Applied to 2019										99,573	(99,573)		
2020 Surplus Applied to 2021											-	-	
2021 Surplus Applied to 2020											146,418	(146,418)	
2021 Surplus Applied to 2022												(114,552)	114,552
2022 Surplus Applied to 2021												-	-
2022 Surplus Applied to 2023													(447,313)
Net Surplus Adjustments		(104,826)	12,147	13,558	7,117	(147,953)	(3,816)	78,555	75,920	168,871	46,845	(260,970)	(332,761)

Adjustment for Events Beyond Control

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

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
		0	1	(0)	0	(0)	(0)	1	0	(1)	(1)	1	(1)

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

Note 1: Any surplus or deficit in row 46 (RCW 19.285 Compliance Surplus / (Deficit)) is a result of rounding in the Facility Detail tab. The correct target amount of RECs have been/will be retired for all compliance years.

PACIFICORP Notes and Assumptions

Retail Sales:

2010 - 2021 actual retail sales. 2022 load forecast based on 2021 IRP progress report.

Facility Generation:

2011 - 2021 is based on actual generation or REC purchase data. Generation forecast begins January 2022. The Company uses one of three patterning methods to model wind resources. First, and if the appropriate data is available, historical monthly/seasonal patterns are developed using hourly data available over the life of the plant. This is the Company's preferred method. Second, if historical information is unavailable, but hourly data from wind site studies is, on/off peak engineering estimate patterns are developed. Third, if neither of the first two types of data is available, Energy Information Agency (EIA) wind patterning is used. The forecasts for wind resources include generation attributed to the Company's planned repowering efforts.

Allocation Factors:

2011 - 2021 actual System Generation (SG) and Control Area Generation West (CAGW) allocation factors. Forecast factors (2021 onward).

REC Sales:

The company does not plan to sell any excess RECs and will hold any excess RECs and apply to a future year target.

Facility Name:	Facility WREGIS ID:	Facility Type	Extra Apprenticeship Credit Eligibility:	Distributed Generation Bonus Eligibility:	Online Date:
Adams Solar	W7039	Solar	Not Eligible	Not Eligible	27-Jul-18
Bear Creek Solar	W7047	Solar	Not Eligible	Not Eligible	28-Sep-18
Bennett Creek Windfarm - REC Only	W542	Wind	Not Eligible	Not Eligible	30-Sep-08
Bigfork	W179	Water (Incremental Hydro)	Not Eligible	Not Eligible	1-Jan-29
Blundell	W194	Geothermal	Not Eligible	Not Eligible	1-Jul-84
Blundell II	W230	Geothermal	Not Eligible	Not Eligible	1-Nov-07
Bly Solar	W7046	Solar	Not Eligible	Not Eligible	21-Dec-18
Campbell Hill	W1383	Wind	Not Eligible	Not Eligible	1-Dec-09
Cedar Springs Wind I	W10953	Wind	Not Eligible	Not Eligible	15-Dec-20
Cedar Springs Wind II	W11072	Wind	Not Eligible	Not Eligible	8-Dec-20
Cedar Springs Wind III	W10972	Wind	Not Eligible	Not Eligible	11-Dec-20
Condon Wind Power Project - Condon Wind Phase I	W774	Wind	Not Eligible	Not Eligible	31-Dec-01
Condon Wind Power Project - Condon Phase II	W833	Wind	Not Eligible	Not Eligible	1-Jun-02
Dunlap I	W1687	Wind	Not Eligible	Not Eligible	1-Oct-10
Ekola Flats Wind	W11488	Wind	Not Eligible	Not Eligible	30-Dec-20
Elbe Solar	W7044	Solar	Not Eligible	Not Eligible	21-Dec-18
Elkhorn Valley Wind - REC Only	W186	Wind	Not Eligible	Not Eligible	20-Nov-07
Enterprise	W4938	Solar	Not Eligible	Not Eligible	10-Aug-18
Fighting Creek - REC Only	W2659	Landfill Gas	Not Eligible	Not Eligible	5-Mar-12
Footo Creek I	W201	Wind	Not Eligible	Not Eligible	22-Apr-99
Glenrock I	W964	Wind	Not Eligible	Not Eligible	31-Dec-08
Glenrock III	W965	Wind	Not Eligible	Not Eligible	17-Jan-09
Goodnoe Hills	W536	Wind	Not Eligible	Not Eligible	31-May-08
Granite Mountain East	W4942	Solar	Not Eligible	Not Eligible	25-Oct-16
Granite Mountain West	W4943	Solar	Not Eligible	Not Eligible	25-Oct-16
Hidden Hollow - REC Only	W1634	Landfill Gas	Not Eligible	Not Eligible	11-Oct-05
High Plains	W1334	Wind	Not Eligible	Not Eligible	31-Jul-09
Hot Springs Windfarm - REC Only	W543	Wind	Not Eligible	Not Eligible	30-Sep-08
JC Boyle	W180	Water (Incremental Hydro)	Not Eligible	Not Eligible	1-Jan-28
Klondike I - Klondike Wind Power LLC - REC Only	W238	Wind	Not Eligible	Not Eligible	1-Jan-02
Latigo Wind	W4909	Wind	Not Eligible	Not Eligible	4-Mar-16
Leaning Juniper	W200	Wind	Not Eligible	Not Eligible	14-Sep-06
Lemolo 1	W157	Water (Incremental Hydro)	Not Eligible	Not Eligible	1-Jul-55
Lemolo 2	W158	Water (Incremental Hydro)	Not Eligible	Not Eligible	1-Nov-56
Lower Snake - Phalen Gulch - REC Only	W2670	Wind	Not Eligible	Not Eligible	29-Feb-12
Marengo I	W185	Wind	Not Eligible	Not Eligible	1-Aug-07
Marengo II	W772	Wind	Not Eligible	Not Eligible	28-Jun-08
McFadden Ridge	W1341	Wind	Not Eligible	Not Eligible	29-Sep-09
Meadow Creek Wind Farm - Five Pine Project - REC Only	W3186	Wind	Not Eligible	Not Eligible	22-Dec-12
Meadow Creek Wind Farm - North Point Wind	W3185	Wind	Not Eligible	Not Eligible	11-Dec-12
Mountain Wind 1	W1022	Wind	Not Eligible	Not Eligible	1-Jul-08
Mountain Wind 2	W1023	Wind	Not Eligible	Not Eligible	29-Sep-08
Nine Canyon Wind Project - REC Only	W684	Wind	Not Eligible	Not Eligible	1-Sep-02
Nine Canyon Wind Project - Nine Canyon Phase I	W697	Wind	Not Eligible	Not Eligible	1-May-08
Pavant	W4619	Solar	Not Eligible	Not Eligible	30-Dec-15
Pavant Solar II LLC	W5057	Solar	Not Eligible	Not Eligible	22-Nov-16
Pioneer Wind Park I LLC	W5126	Wind	Not Eligible	Not Eligible	27-Oct-16
Prospect 2	W140	Water (Incremental Hydro)	Not Eligible	Not Eligible	1-Jan-28
Rock River I	W187	Wind	Not Eligible	Not Eligible	8-Nov-01
Rolling Hills	W928	Wind	Not Eligible	Not Eligible	17-Jan-09
Sage Solar I, LLC	W8800	Solar	Not Eligible	Not Eligible	30-Sep-19
Sage Solar II, LLC	W8808	Solar	Not Eligible	Not Eligible	13-Sep-19
Sage Solar III, LLC	W8811	Solar	Not Eligible	Not Eligible	13-Sep-19
Seven Mile Hill I	W975	Wind	Not Eligible	Not Eligible	31-Dec-08
Seven Mile Hill II	W976	Wind	Not Eligible	Not Eligible	31-Dec-08
SPI Aberdeen - REC Only	W1640	Biomass	Not Eligible	Not Eligible	15-Mar-03
Stateline (WA) - FPL Energy Vansycle LLC - REC Only	W248	Wind	Not Eligible	Not Eligible	14-Dec-01
Sweetwater Solar, LLC	W7365	Solar	Not Eligible	Not Eligible	28-Dec-18
Top of the World	W1749	Wind	Not Eligible	Not Eligible	1-Oct-10
TB Flats Wind I	W12023	Wind	Not Eligible	Not Eligible	31-Dec-20
TB Flats Wind II	W12157	Wind	Not Eligible	Not Eligible	31-Jan-21
*Tuana Springs - REC Only	W1503	Wind	Not Eligible	Not Eligible	14-May-10
Wanapum (Upgrade)	NA	Water (Incremental Hydro)	Not Eligible	Not Eligible	1-Jul-63
Wolverine Creek	W188	Wind	Not Eligible	Not Eligible	12-Feb-06

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: **Adams Solar**

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
							12,017	20,764	22,810	21,889	23,375
							100%	100%	100%	100%	100%
							22%	22%	22%	22%	22%
-	-	-	-	-	-	-	588	4,617	5,098	4,892	5,224

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
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 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
0	0										
0	0										
	0	0									
	0	0	0								
		0	0	0							
			0	0	0						
				0	0	0					
					0	0					
						0	0				
							0	0			
								0	0		
							588	588			
							0	0			
								0			
									3387		
										0	0
										0	0
										0	0
							(588)	3975	(3387)	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-	-	8,592	1,711	4,892	5,224
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Facility Name:

Bear Creek Solar

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Bear Creek Solar
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Bear Creek Solar	-	-	-	-	-	-	-	5,710	22,676	24,050	23,903	22,450
Percent of MWh Qualifying Under RCW 19.285	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	0%	0%	0%	0%	0%	0%	0%	22%	22%	22%	22%	22%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	677	5,042	5,376	5,342	5,018

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-	-	-	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	-	-										
2012 Surplus Applied to 2011	-	-										
2012 Surplus Applied to 2013		-	-									
2013 Surplus Applied to 2012		-	-									
2013 Surplus Applied to 2014			-	-								
2014 Surplus Applied to 2013			-	-								
2014 Surplus Applied to 2015				-	-							
2015 Surplus Applied to 2014				-	-							
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							677	677				
2019 Surplus Applied to 2018							-	-				
2019 Surplus Applied to 2020								-	-			
2020 Surplus Applied to 2019									3,514	3,514		
2020 Surplus Applied to 2021									-	-		
2021 Surplus Applied to 2020									-	-		
2021 Surplus Applied to 2022										-	-	
2022 Surplus Applied to 2021										-	-	
2022 Surplus Applied to 2023											-	-
Net Surplus Adjustments								(677)	4,191	(3,514)	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	9,233	1,862	5,342	5,018
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Facility Name: **Bennett Creek Wind Farm - REC Only**

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Bennett Creek Wind Farm - R
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Bennett Creek Wind Farm - R	12,259				8,656	11,174	9,667	3,216				
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	12,259	-	-	-	8,656	11,174	9,667	3,216	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	12,259											
2012 Surplus Applied to 2011	-	12,259										
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												
Net Surplus Adjustments	(12,259)	12,259	-	-	(8,656)	(2,518)	1,507	6,451	3,216			

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	12,259	-	-	-	8,656	11,174	9,667	3,216	-	-	-
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Facility Name: **Blundell**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Blundell											145,321	200,317
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance											11,656	16,068

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022										
2011 Surplus Applied to 2012		-																				
2012 Surplus Applied to 2011	-																					
2012 Surplus Applied to 2013		-																				
2013 Surplus Applied to 2012			-																			
2013 Surplus Applied to 2014				-																		
2014 Surplus Applied to 2013					-																	
2014 Surplus Applied to 2015						-																
2015 Surplus Applied to 2014							-															
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																	-					
2020 Surplus Applied to 2021																		-				
2021 Surplus Applied to 2020																			-			
2021 Surplus Applied to 2022																				-		
2022 Surplus Applied to 2021																					-	
2022 Surplus Applied to 2023																						-
Net Surplus Adjustments																						

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	11,656	16,068
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Facility Name: Blundell II

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Blundell II											65,905	53,137
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	5,286	4,262

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022										
2011 Surplus Applied to 2012																						
2012 Surplus Applied to 2011	-																					
2012 Surplus Applied to 2013		-																				
2013 Surplus Applied to 2012			-																			
2013 Surplus Applied to 2014				-																		
2014 Surplus Applied to 2013					-																	
2014 Surplus Applied to 2015						-																
2015 Surplus Applied to 2014							-															
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																	-					
2020 Surplus Applied to 2021																		-				
2021 Surplus Applied to 2020																			-			
2021 Surplus Applied to 2022																				-		
2022 Surplus Applied to 2021																					-	
2022 Surplus Applied to 2023																						-
Net Surplus Adjustments																						

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	5,286	4,262
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Facility Name: **Bly Solar**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Bly Solar							-	587	18,041	20,552	20,443	21,456
Percent of MWh Qualifying Under RCW 19.285								100%	100%	100%	100%	200%
Percent of Qualifying MWh Allocated to WA								22%	22%	22%	22%	22%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	129	4,012	4,594	4,569	4,795

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013			-									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			-									
2014 Surplus Applied to 2013				-								
2014 Surplus Applied to 2015					-							
2015 Surplus Applied to 2014						-						
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								129	129			
2019 Surplus Applied to 2018												-
2019 Surplus Applied to 2020												-
2020 Surplus Applied to 2019									2,923	2,923		
2020 Surplus Applied to 2021												-
2021 Surplus Applied to 2020												-
2021 Surplus Applied to 2022												-
2022 Surplus Applied to 2021												-
2022 Surplus Applied to 2023												-
Net Surplus Adjustments								(129)	3,052	(2,923)	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	7,064	1,671	4,569	4,795
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Facility Name:

Campbell Hill/Three Buttes

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Campbell Hill/Three Buttes
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Campbell Hill/Three Buttes					294,027	333,872	311,597	309,188	146,872	342,882	301,476	348,924
Percent of MWh Qualifying Under RCW 19.285					100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA					8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	23,680	27,276	25,187	24,567	11,269	27,866	24,182	27,987

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			-									
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				-								
2015 Surplus Applied to 2014				-								
2015 Surplus Applied to 2016					23,680	23,680						
2016 Surplus Applied to 2015					-							
2016 Surplus Applied to 2017						-						
2017 Surplus Applied to 2016							25,187					
2017 Surplus Applied to 2018								25,187				
2018 Surplus Applied to 2017								-				
2018 Surplus Applied to 2019									-			
2019 Surplus Applied to 2018										-		
2019 Surplus Applied to 2020											-	
2020 Surplus Applied to 2019												-
2020 Surplus Applied to 2021												-
2021 Surplus Applied to 2020										20,000		
2021 Surplus Applied to 2022											20,000	
2022 Surplus Applied to 2021												20,000
2022 Surplus Applied to 2023												20,000
Net Surplus Adjustments	-	-	-	-	(23,680)	23,680	(25,187)	25,187	-	20,000	(20,000)	(20,000)

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	50,956	-	49,754	11,269	47,866	4,182	7,987
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Facility Name:

Cedar Springs Wind II

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Cedar Springs Wind II
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Cedar Springs Wind II	-	-	-	-	-	-	-	-	-	-	670,071	811,151
Percent of MWh Qualifying Under RCW 19.285	-	-	-	-	-	-	-	-	-	-	100%	100%
Percent of Qualifying MWh Allocated to WA	-	-	-	-	-	-	-	-	-	-	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	53,747	65,063

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-	-	-	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2011	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2013	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2012	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2014	-	-	-	-	-	-	-	-	-	-	-	-
2014 Surplus Applied to 2013	-	-	-	-	-	-	-	-	-	-	-	-
2014 Surplus Applied to 2015	-	-	-	-	-	-	-	-	-	-	-	-
2015 Surplus Applied to 2014	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-
2020 Surplus Applied to 2021	-	-	-	-	-	-	-	-	-	-	-	-
2021 Surplus Applied to 2020	-	-	-	-	-	-	-	-	-	-	-	-
2021 Surplus Applied to 2022	-	-	-	-	-	-	-	-	-	-	-	-
2022 Surplus Applied to 2021	-	-	-	-	-	-	-	-	-	-	-	-
2022 Surplus Applied to 2023	-	-	-	-	-	-	-	-	-	-	-	-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	20,000	(20,000)	(60,000)

Adjustment for Events Beyond Control

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

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	20,000	33,747	5,063
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Facility Name:

Condon Wind Power Project - Condon Wind Power Project - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Condon Wind Power Project -
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Condon Wind Power Project - REC Only	-	-	-	-	-	8,286	-	-	-	-	-	-
	-	-	-	-	-	100%	100%	-	-	-	-	-
	-	-	-	-	-	8,286	-	-	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-	-	-	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2011	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2013	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2012	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2014	-	-	-	-	-	-	-	-	-	-	-	-
2014 Surplus Applied to 2013	-	-	-	-	-	-	-	-	-	-	-	-
2014 Surplus Applied to 2015	-	-	-	-	-	-	-	-	-	-	-	-
2015 Surplus Applied to 2014	-	-	-	-	-	-	-	-	-	-	-	-
2015 Surplus Applied to 2016	-	-	-	-	-	-	-	-	-	-	-	-
2016 Surplus Applied to 2015	-	-	-	-	-	-	-	-	-	-	-	-
2016 Surplus Applied to 2017	-	-	-	-	-	8,286	8,286	-	-	-	-	-
2017 Surplus Applied to 2016	-	-	-	-	-	-	-	-	-	-	-	-
2017 Surplus Applied to 2018	-	-	-	-	-	-	-	-	-	-	-	-
Net Surplus Adjustments	-	-	-	-	-	(8,286)	8,286	-	-	-	-	-

Adjustment for Events Beyond Control

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

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	8,286	-	-	-	-	-
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Facility Name:

Condon Wind Power Project - Condon Phase II - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Condon Wind Power Project - Condon 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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Condon Wind Power Project - Condon Phase II - REC Only	-	-	-	-	-	7,725	-	-	-	-	-	-
Percent of MWh Qualifying Under RCW 19.285	-	-	-	-	-	100%	100%	-	-	-	-	-
Percent of Qualifying MWh Allocated to WA	-	-	-	-	-	100%	-	-	-	-	-	-
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	7,725	-	-	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-	-	-	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2011	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2013	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2012	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2014	-	-	-	-	-	-	-	-	-	-	-	-
2014 Surplus Applied to 2013	-	-	-	-	-	-	-	-	-	-	-	-
2014 Surplus Applied to 2015	-	-	-	-	-	-	-	-	-	-	-	-
2015 Surplus Applied to 2014	-	-	-	-	-	-	-	-	-	-	-	-
2015 Surplus Applied to 2016	-	-	-	-	-	-	-	-	-	-	-	-
2016 Surplus Applied to 2015	-	-	-	-	-	-	-	-	-	-	-	-
2016 Surplus Applied to 2017	-	-	-	-	-	7,725	7,725	-	-	-	-	-
2017 Surplus Applied to 2016	-	-	-	-	-	-	-	-	-	-	-	-
2017 Surplus Applied to 2018	-	-	-	-	-	-	-	-	-	-	-	-
Net Surplus Adjustments	-	-	-	-	-	(7,725)	7,725	-	-	-	-	-

Adjustment for Events Beyond Control

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

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	7,725	-	-	-	-	-
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Facility Name: **Dunlap I**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Dunlap I					339,706	388,498	351,261	391,874	182,469	416,943	435,043	473,716
Percent of MWh Qualifying Under RCW 19.285					100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA					8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	27,359	31,741	25,412	31,135	14,000	33,884	34,895	37,997

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
2011 Surplus Applied to 2012	-																			
2012 Surplus Applied to 2011		-																		
2012 Surplus Applied to 2013			-																	
2013 Surplus Applied to 2012				-																
2013 Surplus Applied to 2014					-															
2014 Surplus Applied to 2013						-														
2014 Surplus Applied to 2015							-													
2015 Surplus Applied to 2014								-												
2015 Surplus Applied to 2016						27,359														
2016 Surplus Applied to 2015							27,359													
2016 Surplus Applied to 2017								-												
2017 Surplus Applied to 2016									-											
2017 Surplus Applied to 2018										-										
2018 Surplus Applied to 2017											-									
2018 Surplus Applied to 2019												-								
2019 Surplus Applied to 2018													-							
2019 Surplus Applied to 2020														-						
2020 Surplus Applied to 2019															-					
2020 Surplus Applied to 2021																-				
2021 Surplus Applied to 2020																	-			
2021 Surplus Applied to 2022																		-		
2022 Surplus Applied to 2021																			-	
2022 Surplus Applied to 2023																				-
Net Surplus Adjustments						(27,359)	27,359	(24,513)	24,513											30,000

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	59,100	899	55,648	14,000	33,884	34,895	7,997
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Facility Name: **Elkhorn Valley Wind - REC Only**

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Elkhorn Valley 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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Elkhorn Valley Wind - REC Only					4,468							
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	-	-	-	-	4,468	-	-	-	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
2015 Surplus Applied to 2016					4,468	4,468						
2016 Surplus Applied to 2015							-					
2016 Surplus Applied to 2017								-				
2017 Surplus Applied to 2016									-			
2017 Surplus Applied to 2018										-		
Net Surplus Adjustments	-	-	-	-	(4,468)	4,468	-	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	4,468	-	-	-	-	-	-
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Facility Name: Enterprise Solar

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Enterprise Solar						84,577	224,267	225,336	220,052	234,941	222,436	210,423
Percent of MWh Qualifying Under RCW 19.285						100%	100%	100%	100%	100%	100%	200%
Percent of Qualifying MWh Allocated to WA						23%	22%	22%	22%	22%	22%	22%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	19,234	50,456	49,593	48,932	52,513	49,715	47,030

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
2015 Surplus Applied to 2016								-				
2016 Surplus Applied to 2015							19,234					
2016 Surplus Applied to 2017								19,234				
2017 Surplus Applied to 2016									50,456			
2017 Surplus Applied to 2018										50,456		
2018 Surplus Applied to 2017											35,344	
2018 Surplus Applied to 2019												35,344
2019 Surplus Applied to 2018												
2019 Surplus Applied to 2020												
2020 Surplus Applied to 2019												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	-	-	-	-	-	(19,234)	(31,222)	15,112	68,542	(33,198)	(30,000)	30,000

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	19,234	64,705	117,474	19,315	19,715	77,030
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Facility Name:

Fighting Creek - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Fighting Creek - 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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
				730							
				100%							
				100%							
-	-	-	-	730	-	-	-	-	-	-	-

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
2012 Surplus Applied to 2011
2012 Surplus Applied to 2013
2013 Surplus Applied to 2012
2013 Surplus Applied to 2014
2014 Surplus Applied to 2013
2014 Surplus Applied to 2015
2015 Surplus Applied to 2014
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
Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	-										
-											
	-										
		-									
		-	-								
			-								
			-	-							
				-							
				-	730						
						730					
							-				
								-			
									-		
-	-	-	-	(730)	730	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	730	-	-	-	-	-	-
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Facility Name:

Foote Creek I

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Foote Creek I
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
										165,215	197,886
										100%	200%
										8%	8%
										13,252	15,873

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-	-	-	-	-	13,252	15,873
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Facility Name:

Glenrock Wind I

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Glenrock Wind I
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Glenrock Wind I					289,386	311,607	268,269	303,865	143,370	402,765	339,298	350,936
Percent of MWh Qualifying Under RCW 19.285					100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA					8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	23,306	25,457	21,686	24,143	11,000	32,732	27,215	28,149

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
2011 Surplus Applied to 2012		-																		
2012 Surplus Applied to 2011	-																			
2012 Surplus Applied to 2013		-																		
2013 Surplus Applied to 2012			-																	
2013 Surplus Applied to 2014				-																
2014 Surplus Applied to 2013					-															
2014 Surplus Applied to 2015						-														
2015 Surplus Applied to 2014							-													
2015 Surplus Applied to 2016					23,306															
2016 Surplus Applied to 2015							23,306													
2016 Surplus Applied to 2017								13,886												
2017 Surplus Applied to 2016									13,886											
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															20,000					
2020 Surplus Applied to 2021																-				
2021 Surplus Applied to 2020																	20,000			
2021 Surplus Applied to 2022																		-		
2022 Surplus Applied to 2021																			20,000	
2022 Surplus Applied to 2023																				-
Net Surplus Adjustments	-	-	-	-	(23,306)	9,420	13,886	-	-	20,000	(20,000)	(20,000)								

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	34,877	35,572	24,143	11,000	52,732	7,215	8,149
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Facility Name:

Glenrock III

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
										127,325	131,305
										100%	100%
										8%	8%
-	-	-	-	-	-	-	-	-	-	10,213	10,532

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-										
	-										
		-									
			-								
				-							
					-						
						-					
							-				
								-			
									-		
										-	
											-
-	-	-	-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-	-	-	-	10,213	10,532
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Facility Name: **Goodnoe Hills**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Goodnoe Hills	239,431	221,156	227,258	216,762	186,746	223,899	191,917	230,513	57,616	326,836	296,244	256,615
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	18,896	17,608	17,896	17,392	15,039	18,292	15,514	18,315	4,421	26,562	23,762	20,583

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	18,896	18,896										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		17,608	17,608									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			17,896	17,896								
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				11,234	11,234							
2015 Surplus Applied to 2014				-								
2015 Surplus Applied to 2016					5,383	5,383						
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												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	(18,896)	1,288	(288)	6,662	5,851	5,383	-	-	-	10,000	(10,000)	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	18,896	17,608	24,054	20,890	23,675	15,514	18,315	4,421	36,562	13,762	20,583
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Facility Name:

Granite Mountain East

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Granite Mountain East
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
									75,000		
									100%		
									100%		
									75,000		

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-	-	-	-	75,000	-
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Facility Name:

Granite Mountain West

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Granite Mountain West
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Granite Mountain West										75,000		
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										75,000		

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022								
2011 Surplus Applied to 2012		-																		
2012 Surplus Applied to 2011	-																			
2012 Surplus Applied to 2013		-																		
2013 Surplus Applied to 2012			-																	
2013 Surplus Applied to 2014				-																
2014 Surplus Applied to 2013					-															
2014 Surplus Applied to 2015						-														
2015 Surplus Applied to 2014							-													
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																	-			
2020 Surplus Applied to 2021																		-		
2021 Surplus Applied to 2020																			-	
2021 Surplus Applied to 2022																				-
Net Surplus Adjustments																				

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance										75,000		
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Facility Name:

High Plains

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from High Plains											333,898	348,745
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	26,782	27,973

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022											
2011 Surplus Applied to 2012	-																						
2012 Surplus Applied to 2011		-																					
2012 Surplus Applied to 2013			-																				
2013 Surplus Applied to 2012				-																			
2013 Surplus Applied to 2014					-																		
2014 Surplus Applied to 2013						-																	
2014 Surplus Applied to 2015							-																
2015 Surplus Applied to 2014								-															
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																		-					
2020 Surplus Applied to 2021																			-				
2021 Surplus Applied to 2020																				-			
2021 Surplus Applied to 2022																					-		
2022 Surplus Applied to 2021																						-	
2022 Surplus Applied to 2023																							-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	10,000	(10,000)	-										

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	-	-	-	-	10,000	16,782	27,973
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Facility Name:

Hot Springs Wind Farm - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Hot Springs Wind Farm - REC
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Hot Springs Wind Farm - REC	7,963				8,028	10,218	8,846	1,923				
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	7,963	-	-	-	8,028	10,218	8,846	1,923	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	7,963	7,963										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013												
2013 Surplus Applied to 2012												
2013 Surplus Applied to 2014												
2014 Surplus Applied to 2013												
2014 Surplus Applied to 2015												
2015 Surplus Applied to 2014												
2015 Surplus Applied to 2016					8,028	8,028						
2016 Surplus Applied to 2015												
2016 Surplus Applied to 2017						10,218	10,218					
2017 Surplus Applied to 2016								8,846	8,846			
2017 Surplus Applied to 2018												
2018 Surplus Applied to 2017									1,923	1,923		
2018 Surplus Applied to 2019												
Net Surplus Adjustments	(7,963)	7,963	-	-	(8,028)	(2,190)	1,372	6,923	1,923	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	7,963	-	-	-	8,028	10,218	8,846	1,923	-	-	-
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Facility Name:

JC Boyle (Upgrade 2005)

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from JC Boyle (Upgrade 2005)
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from JC Boyle (Upgrade 2005)		3,462	2,402	2,295	2,130	2,857	4,238	2,581	3,044	2,362	2,053	2,362
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	276	189	184	172	235	342	205	234	192	165	189

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022									
2011 Surplus Applied to 2012		-																			
2012 Surplus Applied to 2011	-																				
2012 Surplus Applied to 2013			-																		
2013 Surplus Applied to 2012		-																			
2013 Surplus Applied to 2014			-																		
2014 Surplus Applied to 2013				-																	
2014 Surplus Applied to 2015					-																
2015 Surplus Applied to 2014						-															
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																-					
2020 Surplus Applied to 2021																	-				
2021 Surplus Applied to 2020																		-			
2021 Surplus Applied to 2022																			-		
2022 Surplus Applied to 2021																				-	
2022 Surplus Applied to 2023																					-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-									

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	276	189	184	172	235	342	205	234	192	165	189
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Facility Name:

Klondike I - Klondike Wind Power LLC - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Klondike I - Klondike Wind Power LLC - 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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Klondike I - Klondike Wind Power LLC - REC Only						8,543						
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						8,543						

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												-
Net Surplus Adjustments						(8,543)	8,543					

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance							8,543					
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Facility Name:

Latigo

MWh Allocated to WA Compliance

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

Table with columns for years 2011-2022 and rows for Total MWh Produced, Percent of MWh Qualifying, Percent of Qualifying MWh Allocated, and Eligible MWh Available.

Non REC Eligible Generation

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

Table with columns for years 2011-2022 and rows for Extra Apprenticeship Credit, Distributed Generation Bonus, and 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

Table with columns for years 2011-2022 and rows for Quantity of RECs Sold, Bonus Incentives Transferred, Bonus Incentives Not Realized, and Total Sold / Transferred / Unrealized.

Adjustments

2011 Surplus Applied to 2012
2012 Surplus Applied to 2011
2012 Surplus Applied to 2013
2013 Surplus Applied to 2012
2013 Surplus Applied to 2014
2014 Surplus Applied to 2013
2014 Surplus Applied to 2015
2015 Surplus Applied to 2014
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
2020 Surplus Applied to 2021
2021 Surplus Applied to 2020
2021 Surplus Applied to 2022
2022 Surplus Applied to 2021
2022 Surplus Applied to 2023
Net Surplus Adjustments

Table showing surplus adjustments between years 2011 and 2023, with a final row for Net Surplus Adjustments.

Adjustment for Events Beyond Control

Table with columns for years 2011-2022 and a row for Adjustment for Events Beyond Control.

Contribution to RCW 19.285 Compliance

Table with columns for years 2011-2022 and a row for Contribution to RCW 19.285 Compliance.

Facility Name:

Leaning Juniper

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Leaning Juniper	234,789	190,905	206,164	215,245	188,567	202,605	155,685	201,665	167,178	316,351	293,641	293,346
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	18,530	15,200	16,235	17,270	15,187	16,552	12,585	16,022	12,827	25,709	23,553	23,530

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	18,530	18,530										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		15,200	15,200									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			16,235	16,235								
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				17,270	17,270							
2015 Surplus Applied to 2014				-								
2015 Surplus Applied to 2016					15,187	15,187						
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												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020										10,000	10,000	
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	(18,530)	3,330	(1,035)	(1,035)	2,083	15,187	-	-	-	10,000	(10,000)	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	18,530	15,200	16,235	17,270	31,739	12,585	16,022	12,827	35,709	13,553	23,530
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Facility Name:

Lemolo 1 (Upgrade 2003)

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Lemolo 1 (Upgrade 2003)
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Lemolo 1 (Upgrade 2003)		17,021	12,661	14,311	12,553	13,621	17,773	12,686	11,639	8,423	8,459	9,395
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	1,355	997	1,148	1,011	1,113	1,438	1,007	893	685	679	754

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022									
2011 Surplus Applied to 2012		-																			
2012 Surplus Applied to 2011	-																				
2012 Surplus Applied to 2013			-																		
2013 Surplus Applied to 2012		-																			
2013 Surplus Applied to 2014			-																		
2014 Surplus Applied to 2013				-																	
2014 Surplus Applied to 2015					-																
2015 Surplus Applied to 2014						-															
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																-					
2020 Surplus Applied to 2021																	-				
2021 Surplus Applied to 2020																		-			
2021 Surplus Applied to 2022																			-		
2022 Surplus Applied to 2021																				-	
2022 Surplus Applied to 2023																					-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-									

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	1,355	997	1,148	1,011	1,113	1,438	1,007	893	685	679	754
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Facility Name:

Lemolo 2 (Upgrage 2009)

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Lemolo 2 (Upgrage 2009)
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Lemolo 2 (Upgrage 2009)		1,781	1,290	1,355	1,066	1,144	1,567	1,038	1,130	747	790	1,435
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	142	102	109	86	95	127	84	87	61	63	115

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013			-									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			-									
2014 Surplus Applied to 2013				-								
2014 Surplus Applied to 2015					-							
2015 Surplus Applied to 2014						-						
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												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	142	102	109	86	95	127	84	87	61	63	115
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Facility Name:

Lower Snake – Phalen Gulch - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Lower Snake – Phalen Gulch - 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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Lower Snake – Phalen Gulch - REC Only					1,300							
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					1,300							

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
2015 Surplus Applied to 2016								-				
2016 Surplus Applied to 2015					1,300							
2016 Surplus Applied to 2017						1,300						
2017 Surplus Applied to 2016							-					
2017 Surplus Applied to 2018								-				
Net Surplus Adjustments					(1,300)	1,300						

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	1,300	-	-	-	-	-	-
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Facility Name:

Marengo I

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Marengo I	403,408	358,669	331,240	367,390	298,771	356,053	315,543	336,426	145,630	482,194	484,854	460,870
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	31,837	28,557	26,084	29,478	24,062	29,087	25,507	26,729	11,173	39,187	38,891	36,967

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	31,837	31,837										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		28,557	28,557									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			26,084	26,084								
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				29,478	29,478							
2015 Surplus Applied to 2014				-								
2015 Surplus Applied to 2016					24,062	24,062						
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									36,231	36,231		
2020 Surplus Applied to 2021									-			
2021 Surplus Applied to 2020										25,000	25,000	
2021 Surplus Applied to 2022										-		
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												27,313
Net Surplus Adjustments	(31,837)	3,280	2,473	(3,394)	5,416	24,062	-	-	36,231	(11,231)	(25,000)	(27,313)

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	31,837	28,557	26,084	29,478	53,149	25,507	26,729	47,404	27,956	13,891	9,654
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Facility Name:

Marengo II

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Marengo II	194,378	177,552	154,612	174,766	137,848	170,369	153,361	164,436	91,366	211,675	247,430	170,708
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	15,341	14,137	12,175	14,022	11,102	13,918	12,396	13,065	7,010	17,203	19,847	13,693

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized												

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	15,341	15,341										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		14,137	14,137									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			12,175	12,175								
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				14,022	14,022							
2015 Surplus Applied to 2014				-								
2015 Surplus Applied to 2016					11,102	11,102						
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												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	(15,341)	1,204	1,962	(1,847)	2,920	11,102	-	-	-	11,418	(11,418)	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	15,341	14,137	12,175	14,022	25,020	12,396	13,065	7,010	28,621	8,429	13,693
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Facility Name: **McFadden Ridge**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from McFadden Ridge											102,523	116,204
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	8,223	9,321

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
2012 Surplus Applied to 2011
2012 Surplus Applied to 2013
2013 Surplus Applied to 2012
2013 Surplus Applied to 2014
2014 Surplus Applied to 2013
2014 Surplus Applied to 2015
2015 Surplus Applied to 2014
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
2020 Surplus Applied to 2021
2021 Surplus Applied to 2020
2021 Surplus Applied to 2022
2022 Surplus Applied to 2021
2022 Surplus Applied to 2023
Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022										
2011 Surplus Applied to 2012		-																				
2012 Surplus Applied to 2011	-																					
2012 Surplus Applied to 2013		-																				
2013 Surplus Applied to 2012			-																			
2013 Surplus Applied to 2014				-																		
2014 Surplus Applied to 2013					-																	
2014 Surplus Applied to 2015						-																
2015 Surplus Applied to 2014							-															
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																	-					
2020 Surplus Applied to 2021																		-				
2021 Surplus Applied to 2020																			-			
2021 Surplus Applied to 2022																				-		
2022 Surplus Applied to 2021																					-	
2022 Surplus Applied to 2023																						-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-										

Adjustment for Events Beyond Control

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Adjustment for Events Beyond Control												

Contribution to RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	8,223	9,321

Facility Name:

Meadow Creek Wind Farm - Five Pine Project - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Meadow Creek Wind Farm - Five Pine Project - REC Only						29,719						
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						29,719						

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												-
Net Surplus Adjustments	-	-	-	-	-	(29,719)	29,719	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	29,719	-	-	-	-	-
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Facility Name:

Meadow Creek Wind Farm - North Point Wind Farm - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Meadow Creek Wind Farm - North Point Wind Farm - REC Only						2,644						
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						2,644						

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												-
Net Surplus Adjustments	-	-	-	-	-	(2,644)	2,644	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	2,644	-	-	-	-	-
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Facility Name: **Mountain Wind I**

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Mountain Wind I											158,073	168,114
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	12,679	13,485

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			-									
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				-								
2015 Surplus Applied to 2014				-								
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									-			
2020 Surplus Applied to 2021										-		
2021 Surplus Applied to 2020										-		
2021 Surplus Applied to 2022											-	
2022 Surplus Applied to 2021											-	
2022 Surplus Applied to 2023												-
Net Surplus Adjustments											(10,000)	10,000

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	-	-	-	-	2,679	23,485
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Facility Name: **Nine Canyon Wind Project - REC Only**

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Nine Canyon Wind Project - 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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Nine Canyon Wind Project - REC Only					2,500	8,225						
Percent of MWh Qualifying Under RCW 19.285					100%	100%						
Percent of Qualifying MWh Allocated to WA					100%	100%						
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	2,500	8,225	-	-	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012	-	-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												-
Net Surplus Adjustments	-	-	-	-	(2,500)	(5,725)	8,225	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	2,500	8,225	-	-	-	-	-
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Facility Name:

Nine Canyon Wind Project - Nine Canyon Phase 3 - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Nine Canyon Wind Project - Nine Canyon Phase 3 - REC Only						4,668						
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						4,668						

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
2015 Surplus Applied to 2016								-				
2016 Surplus Applied to 2015									-			
2016 Surplus Applied to 2017							4,668					
2017 Surplus Applied to 2016								4,668				
2017 Surplus Applied to 2018										-		
Net Surplus Adjustments	-	-	-	-	-	(4,668)	4,668	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	4,668	-	-	-	-	-
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Facility Name:

Pavant Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
				1,391	109,951	118,002	121,657	110,948	119,320	108,767	121,499
					100%	100%	100%	100%	100%	100%	100%
				23%	23%	22%	22%	22%	22%	22%	22%
-	-	-	-	316	25,003	26,549	26,773	24,671	26,670	24,310	27,155

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-											
	-										
		-									
			-								
				-							
					-						
						-					
					316	316					
						-					
						25,003	25,003				
							-				
							26,549	26,549			
								-			
								26,773	26,773		
									-		
									16,956	16,956	
										-	
											-
											15,000
											15,000
					(316)	(24,687)	(1,546)	(224)	43,729	(16,956)	(15,000)

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	316	25,003	26,549	68,400	9,714	9,310	42,155
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Facility Name:

Prospect 2 (Upgrade 1999)

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Prospect 2 (Upgrade 1999)
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Prospect 2 (Upgrade 1999)		4,118	3,722	3,469	2,802	4,030	4,305	3,347	3,213	2,946	2,573	3,569
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	328	293	278	226	329	346	266	247	239	206	286

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022									
2011 Surplus Applied to 2012		-																			
2012 Surplus Applied to 2011	-																				
2012 Surplus Applied to 2013			-																		
2013 Surplus Applied to 2012		-																			
2013 Surplus Applied to 2014			-																		
2014 Surplus Applied to 2013				-																	
2014 Surplus Applied to 2015					-																
2015 Surplus Applied to 2014						-															
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																-					
2020 Surplus Applied to 2021																	-				
2021 Surplus Applied to 2020																		-			
2021 Surplus Applied to 2022																			-		
2022 Surplus Applied to 2021																				-	
2022 Surplus Applied to 2023																					-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-									

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	328	293	278	226	329	346	266	247	239	206	286
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Facility Name: **Rolling Hills**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Rolling Hills					5,468					363,208	296,559	303,677
Percent of MWh Qualifying Under RCW 19.285					100%					100%	100%	100%
Percent of Qualifying MWh Allocated to WA					8%					8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	5,468	-	-	-	-	29,517	23,787	24,358

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
2015 Surplus Applied to 2016					5,468							
2016 Surplus Applied to 2015						5,468						
2016 Surplus Applied to 2017							-					
2017 Surplus Applied to 2016								-				
2017 Surplus Applied to 2018									-			
2018 Surplus Applied to 2017										-		
2018 Surplus Applied to 2019											-	
2019 Surplus Applied to 2018												-
2019 Surplus Applied to 2020												
2020 Surplus Applied to 2019												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	-	-	-	-	(5,468)	5,468	-	-	-	-	(3,052)	3,052

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	5,468	-	-	-	29,517	20,735	27,410
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Facility Name: Sage Solar I

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Sage Solar I											40,662	48,840
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	3,262	3,917

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	(500)	500

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	-	-	-	-	2,762	4,417
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Facility Name:

Sage Solar III

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Sage Solar III											39,909	45,093
Percent of MWh Qualifying Under RCW 19.285											100%	200%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	3,201	3,617

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022										
2011 Surplus Applied to 2012																						
2012 Surplus Applied to 2011	-																					
2012 Surplus Applied to 2013		-																				
2013 Surplus Applied to 2012			-																			
2013 Surplus Applied to 2014				-																		
2014 Surplus Applied to 2013					-																	
2014 Surplus Applied to 2015						-																
2015 Surplus Applied to 2014							-															
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																	-					
2020 Surplus Applied to 2021																		-				
2021 Surplus Applied to 2020																			-			
2021 Surplus Applied to 2022																				-		
2022 Surplus Applied to 2021																					-	
2022 Surplus Applied to 2023																						-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	(500)	500									

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	2,701	4,117
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Facility Name: **Seven Mile Hill I**

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Seven Mile Hill I
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Seven Mile Hill I						4,353	-	348,285	175,949	427,856	396,393	417,245
Percent of MWh Qualifying Under RCW 19.285						100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA						8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	4,353	-	11,844	13,500	34,771	31,795	33,468

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013			-									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			-									
2014 Surplus Applied to 2013				-								
2014 Surplus Applied to 2015					-							
2015 Surplus Applied to 2014						-						
2015 Surplus Applied to 2016							-					
2016 Surplus Applied to 2015								-				
2016 Surplus Applied to 2017						4,353	4,353					
2017 Surplus Applied to 2016									-			
2017 Surplus Applied to 2018										-		
2018 Surplus Applied to 2017											-	
2018 Surplus Applied to 2019												-
2019 Surplus Applied to 2018												
2019 Surplus Applied to 2020												
2020 Surplus Applied to 2019												
2020 Surplus Applied to 2021												
2021 Surplus Applied to 2020												
2021 Surplus Applied to 2022												
2022 Surplus Applied to 2021												
2022 Surplus Applied to 2023												
Net Surplus Adjustments	-	-	-	-	-	(4,353)	4,353	-	-	-	-	(25,000)

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	4,353	11,844	13,500	34,771	31,795	8,468
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Facility Name:

Seven Mile Hill II

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Seven Mile Hill II
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
										82,266	87,678
										100%	100%
										8%	8%
										6,599	7,033

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-											
	-										
		-									
			-								
				-							
					-						
						-					
							-				
								-			
									-		
										-	
											-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-	-	-	-	6,599	7,033
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Facility Name:

SPI Aberdeen - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from SPI Aberdeen - 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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
				40,000							
				100%							
				100%							
				40,000							

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	-										
-											
	-										
		-									
			-								
				-							
					-						
						-					
							-				
								-			
									-		
										-	
											-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	40,000	-	-	-	-	-	-	-
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Facility Name:

Stateline (WA) - FPL Energy Vansycle LLC - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Stateline (WA) - FPL Energy Vansycle LLC - REC Only						12,946						
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	-	-	-	-	-	12,946	-	-	-	-	-	-

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	-	-	-	-	-	-	-	-	-	-	-	-

REC Sales / Transfers

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		-										
2013 Surplus Applied to 2012			-									
2013 Surplus Applied to 2014				-								
2014 Surplus Applied to 2013					-							
2014 Surplus Applied to 2015						-						
2015 Surplus Applied to 2014							-					
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												-
Net Surplus Adjustments	-	-	-	-	-	(12,946)	12,946	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	12,946	-	-	-	-	-
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Facility Name:

Top of the World

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Top of the World
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Top of the World	-	-	-	-	570,069	651,049	611,543	532,188	263,927	519,246	392,340	522,199
Percent of MWh Qualifying Under RCW 19.285	-	-	-	-	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	45,911	53,189	49,434	42,284	20,250	42,198	31,470	41,886

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized	-	-	-	-	-	-	-	-	-	-	-	-
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 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
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022										
2011 Surplus Applied to 2012	-	-																				
2012 Surplus Applied to 2011	-	-																				
2012 Surplus Applied to 2013		-	-																			
2013 Surplus Applied to 2012			-	-																		
2013 Surplus Applied to 2014				-	-																	
2014 Surplus Applied to 2013					-	-																
2014 Surplus Applied to 2015						-	-															
2015 Surplus Applied to 2014							45,911															
2015 Surplus Applied to 2016								45,911														
2016 Surplus Applied to 2015									53,189													
2016 Surplus Applied to 2017										53,189												
2017 Surplus Applied to 2016											53,189											
2017 Surplus Applied to 2018												-										
2018 Surplus Applied to 2017													-									
2018 Surplus Applied to 2019														-								
2019 Surplus Applied to 2018															-							
2019 Surplus Applied to 2020																-						
2020 Surplus Applied to 2019																	-					
2020 Surplus Applied to 2021																		-				
2021 Surplus Applied to 2020																			-			
2021 Surplus Applied to 2022																				-		
2022 Surplus Applied to 2021																					-	
2022 Surplus Applied to 2023																						-
Net Surplus Adjustments	-	-	-	-	(45,911)	(7,278)	53,189	-	-	-	-	(35,000)										

Adjustment for Events Beyond Control

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

Contribution to RCW 19.285 Compliance	-	-	-	-	-	45,911	102,623	42,284	20,250	42,198	31,470	6,886
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Facility Name:

***Tuana Springs - REC Only**

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from *Tuana Springs - 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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from *Tuana Springs - REC Only		29,430	32,556	35,021								
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%								
Percent of Qualifying MWh Allocated to WA		100%	100%	100%								
Eligible MWh Available for RCW 19.285 Compliance	-	29,430	32,556	35,021	-	-	-	-	-	-	-	-

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013		17,177	17,177									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			6,731	6,731								
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				-	-							
2015 Surplus Applied to 2014				-								
2015 Surplus Applied to 2016					-	-						
Net Surplus Adjustments	-	(17,177)	10,446	6,731	-	-						

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	12,253	43,002	41,752	-	-	-	-	-	-	-	-
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1,063 RECs from Power County Wind Park South

Facility Name: **Wolverine Creek**

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total MWh Produced / Purchased from Wolverine Creek											168,800	178,844
Percent of MWh Qualifying Under RCW 19.285											100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%
Eligible MWh Available for RCW 19.285 Compliance											13,540	14,345

Non REC Eligible Generation

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Quantity of RECs Sold												
Bonus Incentives Transferred												
Bonus Incentives Not Realized												
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
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 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 2019 Surplus Applied to 2018
 2019 Surplus Applied to 2020
 2020 Surplus Applied to 2019
 2020 Surplus Applied to 2021
 2021 Surplus Applied to 2020
 2021 Surplus Applied to 2022
 2022 Surplus Applied to 2021
 2022 Surplus Applied to 2023
 Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2011 Surplus Applied to 2012		-										
2012 Surplus Applied to 2011	-											
2012 Surplus Applied to 2013			-									
2013 Surplus Applied to 2012		-										
2013 Surplus Applied to 2014			-									
2014 Surplus Applied to 2013			-									
2014 Surplus Applied to 2015				-								
2015 Surplus Applied to 2014				-								
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									-			
2020 Surplus Applied to 2021										-		
2021 Surplus Applied to 2020										-		
2021 Surplus Applied to 2022											-	
2022 Surplus Applied to 2021												-
2022 Surplus Applied to 2023												-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control												
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	13,540	14,345
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Contribution to RCW 19.285 Compliance by Generation Type

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Wind	-	117,079	118,504	120,300	81,660	354,847	313,597	276,317	146,819	419,816	516,681	420,371
Solar	-	-	-	-	-	316	44,237	91,254	219,389	186,034	80,898	177,682
Water (Incremental Hydro)	-	2,779	2,212	1,719	1,495	1,772	2,553	1,562	1,460	1,176	1,209	1,425
Biomass	-	-	-	-	40,000	-	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-	-	-	-	-	16,943	20,330
Landfill Gas	-	-	-	-	-	13,231	3,960	-	-	-	-	-
Sewage Treatment Gas	-	-	-	-	-	-	-	-	-	-	-	-
Wave, Ocean, Tidal	-	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Fuel	-	-	-	-	-	-	-	-	-	-	-	-
Sum	-	119,858	120,716	122,019	123,155	370,166	364,047	369,133	367,668	607,027	615,731	619,808

TOTAL	-	119,858	120,716	122,019	123,155	370,166	364,047	369,133	367,668	607,027	615,731	619,808
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Facility Name	Facility Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Adams Solar	Solar	-	-	-	-	-	-	-	-	8,592	1,711	4,892	5,224
Bear Creek Solar	Solar	-	-	-	-	-	-	-	-	9,233	1,862	5,342	5,018
Bennett Creek Windfarm - REC	Wind	-	12,259	-	-	-	8,656	11,174	9,667	3,216	-	-	-
Bigfork	Water (I)	-	-	-	-	-	-	-	-	-	-	96	82
Blundell	Geotherm	-	-	-	-	-	-	-	-	-	-	11,656	16,068
Blundell II	Geotherm	-	-	-	-	-	-	-	-	-	-	5,286	4,262
Bly Solar	Solar	-	-	-	-	-	-	-	7,064	1,671	4,569	4,795	4,795
Campbell Hill	Wind	-	-	-	-	-	50,956	49,754	11,269	47,866	4,182	7,987	-
Cedar Springs Wind I	Wind	-	-	-	-	-	-	-	-	20,000	41,127	5,359	-
Cedar Springs Wind II	Wind	-	-	-	-	-	-	-	-	20,000	33,747	5,063	-
Cedar Springs Wind III	Wind	-	-	-	-	-	-	-	-	-	42,353	5,667	-
Condon Wind Power Project - Cd	Wind	-	-	-	-	-	-	8,286	-	-	-	-	-
Condon Wind Power Project - Cd	Wind	-	-	-	-	-	-	7,725	-	-	-	-	-
Dunlap I	Wind	-	-	-	-	59,100	899	55,648	14,000	33,884	34,895	7,997	-
Ekola Flats Wind	Wind	-	-	-	-	-	-	-	-	-	29,108	65,251	-
Elbe Solar	Solar	-	-	-	-	-	-	-	8,625	1,762	4,980	5,032	-
Elkhorn Valley Wind - REC Only	Wind	-	-	-	-	-	4,468	-	-	-	-	-	-
Enterprise	Solar	-	-	-	-	-	-	19,234	64,705	117,474	19,315	19,715	77,030
Fighting Creek - REC Only	Landfill G	-	-	-	-	-	730	-	-	-	-	-	-
Footo Creek I	Wind	-	-	-	-	-	-	-	-	-	-	13,252	15,873
Glenrock I	Wind	-	-	-	-	-	34,877	35,572	24,143	11,000	52,732	7,215	8,149
Glenrock III	Wind	-	-	-	-	-	-	-	-	-	-	10,213	10,532
Goodnow Hills	Wind	-	18,896	17,608	24,054	20,890	23,675	15,514	18,315	4,421	36,562	13,762	20,583
Granite Mountain East	Solar	-	-	-	-	-	-	-	-	-	75,000	-	-
Granite Mountain West	Solar	-	-	-	-	-	-	-	-	-	75,000	-	-
Hidden Hollow - REC Only	Landfill G	-	-	-	-	-	12,501	3,960	-	-	-	-	-
High Plains	Wind	-	-	-	-	-	-	-	-	10,000	16,782	27,973	-
Hot Springs Windfarm - REC Only	Wind	-	7,963	-	-	-	8,028	10,218	8,846	1,923	-	-	-
JC Boyle	Water (I)	-	276	189	184	172	235	342	205	234	192	165	189
Klondike I - Klondike Wind Power	Wind	-	-	-	-	-	-	8,543	-	-	-	-	-
Latigo Wind	Wind	-	-	-	-	-	-	-	-	-	-	12,918	13,408
Leaning Juniper	Wind	-	18,530	15,200	16,235	17,270	31,739	12,585	16,022	12,827	35,709	13,553	23,530
Lemolo 1	Water (I)	-	1,355	997	1,148	1,011	1,113	1,438	1,007	893	685	679	754
Lemolo 2	Water (I)	-	142	102	109	86	95	127	84	87	61	63	115
Lower Snake - Phalen Gulch - RE	Wind	-	-	-	-	-	1,300	-	-	-	-	-	-
Marengo I	Wind	-	31,837	28,557	26,084	29,478	53,149	25,507	26,729	47,404	27,956	13,891	9,654
Marengo II	Wind	-	15,341	14,137	12,175	14,022	25,020	12,396	13,065	7,010	28,621	8,429	13,693
McFadden Ridge	Wind	-	-	-	-	-	-	-	-	-	-	8,223	9,321
Meadow Creek Wind Farm - Five	Wind	-	-	-	-	-	-	29,719	-	-	-	-	-
Meadow Creek Wind Farm - Nor	Wind	-	-	-	-	-	-	2,644	-	-	-	-	-
Mountain Wind 1	Wind	-	-	-	-	-	-	-	-	-	-	2,679	23,485
Mountain Wind 2	Wind	-	-	-	-	-	-	-	-	-	-	6,395	27,695
Nine Canyon Wind Project - REC	Wind	-	-	-	-	-	2,500	8,225	-	-	-	-	-
Nine Canyon Wind Project - Nine	Wind	-	-	-	-	-	-	4,668	-	-	-	-	-
Pavant	Solar	-	-	-	-	-	316	25,003	26,549	68,400	9,714	9,310	42,155
Pavant Solar II LLC	Solar	-	-	-	-	-	-	-	-	-	-	9,479	9,993
Pioneer Wind Park I LLC	Wind	-	-	-	-	-	-	-	-	-	-	4,507	38,916
Prospect 2	Water (I)	-	328	293	278	226	329	346	266	247	239	206	286
Rock River I	Wind	-	-	-	-	-	-	-	-	-	-	8,693	-
Rolling Hills	Wind	-	-	-	-	-	5,468	-	-	-	29,517	20,735	27,410
Sage Solar I, LLC	Solar	-	-	-	-	-	-	-	-	-	2,762	4,417	-
Sage Solar II, LLC	Solar	-	-	-	-	-	-	-	-	-	2,734	4,417	-
Sage Solar III, LLC	Solar	-	-	-	-	-	-	-	-	-	2,704	4,117	-
Seven Mile Hill I	Wind	-	-	-	-	-	-	4,353	11,844	13,500	34,771	31,795	8,468
Seven Mile Hill II	Wind	-	-	-	-	-	-	-	-	-	-	6,599	7,033
SPI Aberdeen - REC Only	Biomass	-	-	-	-	40,000	-	-	-	-	-	-	-
Stataline (WA) - FPL Energy Vars	Wind	-	-	-	-	-	12,946	-	-	-	-	-	-
Sweetwater Solar, LLC	Solar	-	-	-	-	-	-	-	-	-	-	14,413	15,481
Top of the World	Wind	-	-	-	-	-	45,911	102,623	42,284	20,250	42,198	31,470	6,886
TB Flats Wind I	Wind	-	-	-	-	-	-	-	-	-	-	61,330	66,940
TB Flats Wind II	Wind	-	-	-	-	-	-	-	-	-	-	25,289	9,154
Tuana Springs - REC Only	Wind	-	12,253	43,002	41,752	-	-	-	-	-	-	-	-
Wanapum (Upgrade)	Water (I)	-	678	631	-	-	-	-	-	-	-	-	-
Wolverine Creek	Wind	-	-	-	-	-	-	-	-	-	13,540	14,345	-

Eligible MWh Available for RCW 19.285 Compliance Contribution by Generation Type

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Wind	104,826	104,932	104,946	113,183	216,066	324,013	206,234	213,243	105,449	309,629	731,151	799,632
Solar	-	-	-	-	316	44,237	77,005	78,408	91,888	249,376	127,398	131,182
Water (Incremental Hydro)	-	2,779	2,212	1,719	1,495	1,772	2,253	1,562	1,460	1,176	1,209	1,425
Biomass	-	-	-	-	40,000	-	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-	-	-	-	-	16,943	20,330
Landfill Gas	-	-	-	-	-	13,231	3,960	-	-	-	-	-
Sewage Treatment Gas	-	-	-	-	-	-	-	-	-	-	-	-
Wave, Ocean, Tidal	-	-	-	-	-	-	-	-	-	-	-	-
Biodiesel Fuel	-	-	-	-	-	-	-	-	-	-	-	-
Sum	104,826	107,711	107,158	114,902	271,108	373,982	285,492	293,213	198,797	560,182	876,701	952,569

TOTAL	104,826	107,711	107,158	114,902	271,108	373,982	285,492	293,213	198,797	560,182	876,701	
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Facility Name	Facility Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Adams Solar	Solar	-	-	-	-	-	-	-	588	4,617	5,098	4,892	5,224
Bear Creek Solar	Solar	-	-	-	-	-	-	-	677	5,042	5,376	5,342	5,018
Bennett Creek Windfarm - REC	Wind	-	12,259	-	-	-	8,656	11,174	9,667	3,216	-	-	-
Bigfork	Water (I)	-	-	-	-	-	-	-	-	-	-	96	82
Blundell	Geotherm	-	-	-	-	-	-	-	-	-	-	11,656	16,068
Blundell II	Geotherm	-	-	-	-	-	-	-	-	-	-	5,286	4,262
Bly Solar	Solar	-	-	-	-	-	-	-	129	4,012	4,594	4,569	4,795
Campbell Hill	Wind	-	-	-	-	23,680	27,276	25,187	24,567	11,269	27,866	24,182	29,987
Cedar Springs Wind I	Wind	-	-	-	-	-	-	-	-	-	-	61,127	40,359
Cedar Springs Wind II	Wind	-	-	-	-	-	-	-	-	-	-	53,747	65,063
Cedar Springs Wind III	Wind	-	-	-	-	-	-	-	-	-	-	42,353	60,667
Condon Wind Power Project - Cd	Wind	-	-	-	-	-	-	8,286	-	-	-	-	-
Condon Wind Power Project - Cd	Wind	-	-	-	-	-	-	7,725	-	-	-	-	-
Dunlap I	Wind	-	-	-	-	27,359	31,741	25,412	31,135	14,000	33,884	34,895	37,997
Ekola Flats Wind	Wind	-	-	-	-	-	-	-	-	-	-	29,108	65,251
Elbe Solar	Solar	-	-	-	-	-	-	-	648	4,613	5,126	4,980	5,032
Elkhorn Valley Wind - REC Only	Wind	-	-	-	-	-	4,468	-	-	-	-	-	-
Enterprise	Solar	-	-	-	-	-	-	19,234	50,456	49,593	48,932	52,513	49,715
Fighting Creek - REC Only	Landfill G	-	-	-	-	-	730	-	-	-	-	-	-
Footo Creek I	Wind	-	-	-	-	-	-	-	-	-	-	13,252	15,873
Glenrock I	Wind	-	-	-	-	-	-	-	-	-	23,306	25,457	21,686
Glenrock III	Wind	-	-	-	-	-	-	-	-	-	24,143	11,000	32,732
Glenrock III	Wind</												

Attachment B

PacifiCorp Description of Incremental Hydro Methodology and Oregon Department of Energy Correspondence on Updated Certification for Efficiency Upgrades at Eleven Hydropower Generating Units

Attachment B

Description of Hydroelectric Efficiency Analysis

The incremental hydro generation resulting from efficiency gains from hydropower upgrades were calculated using the same method that PacifiCorp submitted to the Oregon Department of Energy for certification of PacifiCorp's facilities as eligible for the Oregon Renewable Portfolio Standard program.

Historical hourly generation data for the period 2007 through 2012 was collected for each unit that was upgraded. Each hour of generation was modified to create two additional hourly profiles representing the efficiency of the unit before and after the upgrade. The hourly pre- and post- efficiency values were based on curves developed from the unit index tests or manufacturer-provided theoretical curves. Efficiency gain for each hour was calculated by taking the difference between the new and old efficiency value and dividing it by the old efficiency value. This gain was then multiplied by the post upgrade generation value to produce an incremental megawatt-hour gain. The initial calculated incremental gain was subtracted from the pre/post upgraded generation profiles to exclude the generation associated with the upgrade.

Generation improvements were calculated for every instance when efficiency improvements were positive including those periods when the unit was ramping up to maximum efficiency. In some cases, portions of the post efficiency upgrade curve are less than the pre upgrade curve. In instances that the efficiency gain was negative, generation was not included in the calculation. Further, since in some cases the post upgrade curve extended beyond the pre upgrade curve (i.e. the new turbine had a higher generation capacity) generation improvements were capped at the point when flows on the pre and post upgrade curve were equal.



Oregon

Kate Brown, Governor



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January 20, 2026

Jessica Zahnow
PacifiCorp
825 NE Multnomah St.
Portland, OR 97232

RE: Recertifications of Oregon RPS Eligibility for PacifiCorp Hydropower Generating Units

Dear Ms. Zahnow:

The Oregon Department of Energy has approved PacifiCorp's request for Oregon Renewable Portfolio Standard (RPS) recertification for the following ten (10) incremental hydropower efficiency. The Department has notified WREGIS of these approvals and updated the eligibility good through dates.

Generating Unit	WREGIS Number	Approval Number	Incremental Percentage	Eligible Thru Date
Prospect 2	W140	12alt002or	1.68%	January 2026
Yale 1 & 2	W141	12alt003wa	1.35%	January 2026
Copco 1	W142	12alt004ca	0.52%	January 2026
Cutler	W151	12alt005ut	3.10%	January 2026
Lemolo 1	W157	12alt006or	10.16%	January 2026
Lemolo 2	W158	12alt007or	0.78%	January 2026
Pioneer	W162	12alt009ut	6.74%	January 2026
Prospect 3	W164	12alt010or	10.71%	January 2026
Big Fork	W179	12alt011mt	4.22%	January 2026
JC Boyle	W180	12alt012or	1.33%	January 2026

If any changes are made to these facilities that could affect their eligibility for the Oregon RPS, the Department must be notified.

This letter is supplemental to the individual certification letters sent for each facility.

Please contact me with any questions about this letter or approval.

Best,

John Cornwell

WREGIS Program Administrator – Oregon

Oregon Department of Energy

550 Capital St NE

Salem, OR, 97301

Attachment C

2021 Actual Data: Annual Calculation of Revenue Requirement Ratio

480-109-210(2)(a)(ii) Utility must annually calculate its revenue requirement ratio for all eligible resources used for target year compliance.

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

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	TARGET YEAR: ALL AVAILABLE RESOURCES BASED ON ACTUAL RESULTS			TARGET YEAR: FORECAST SUBJECT TO CHANGE		
	sum of incremental costs of all eligible resources	RECs Generated or Purchased	Revenue from REC sales	sum of incremental costs of all eligible	RECs purchased	Revenue from REC sales
Adams Solar	6,849	4,892	0			
Bear Creek Solar	7,479	5,342	0			
Bigfork	(1,856)	96	0			
Blundell	0	11,656	0			
Blundell II	(335,885)	5,286	0			
Bly Solar	6,397	4,569	0			
Campbell Hill	(148,519)	4,182	0			
Cedar Springs Wind I	(1,319,272)	41,127	0			
Cedar Springs Wind II	1,130,001	33,747	0			
Cedar Springs Wind III	(1,347,841)	42,353	0			
Dunlap I	(820,559)	34,895	0			
Ekola Flats Wind	(1,180,786)	29,108	0			
Elbe Solar	6,972	4,980	0			
Enterprise	37,459	19,715	0			
Footo Creek I	0	13,252	0			
Glenrock I	(33,039)	7,215	0			
Glenrock III	(39,343)	10,213	0			
Goodnoe Hills	235,186	13,762	0			
High Plains	7,074	16,782	0			
JC Boyle (Upgrade 2005)	(10,962)	165	0			
Latigo Wind	(469,593)	12,918	0			
Leaning Juniper ¹	247,786	13,553	0			
Lemolo 1 (Upgrade 2003)	(30,711)	679	0			
Lemolo 2 (Upgrade 2009)	(4,136)	63	0			
Marengo I	202,861	13,891	0			
Marengo II	172,789	8,429	0			
McFadden Ridge	(70,628)	8,223	0			
Mountain Wind I	(35,620)	2,679	0			
Mountain Wind II	(28,502)	6,395	0			
Pavant I	13,965	9,310	0			
Pavant Solar II LLC	(578,868)	9,479	0			
Pioneer Wind Park I LLC	(175,277)	4,507	0			
Prospect 2 (Upgrade 1999)	(8,296)	206	0			
Rock River I	101,899	8,693	0			
Rolling Hills	(182,750)	20,735	0			
Sage Solar I, LLC	(60,795)	2,762	0			
Sage Solar II, LLC	(65,282)	2,734	0			
Sage Solar III, LLC	(63,543)	2,701	0			
Seven Mile Hill I	(544,691)	31,795	0			
Seven Mile Hill II	(119,652)	6,599	0			
Sweetwater Solar, LLC	(659,632)	14,413	0			
TB Flats Wind I	(2,013,800)	61,330	0			
TB Flats Wind II	(969,382)	25,289	0			
Top of the World	(961,280)	31,470	0			
Wolverine Creek	144,455	13,541	0			
Total	(9,959,330)	615,731	0			
WA Share	(9,959,330)	615,731	0			

Annual Revenue Requirement (most recent rate case)		366,359,248	
	CALCULATION 1 :	(9,959,330)	CALCULATION 2 :
		-2.72%	

NOTES:

Washington's share of the resource varies from year to year, depending on the state's actual System Generation (SG) Allocation factor.

Resources generated in 2020 are allocated based on PacificCorp's West Control Area Methodology (WCA)

Under the WCA, RECs from wind on PacificCorp's East side have an incremental cost equal to the weighted average incremental cost of west-side wind resources

Resources generated in 2021 are allocated based on PacificCorp's Washington Interjurisdictional Allocation Methodology (WIJAM)

Under WIJAM, RECs from all resources have a standard incremental cost calculation

¹ REC purchase executed November 6, 2019; Projects were operational 9/21/16 and 9/30/16, respectively.

Facilities located in Salt Lake County, Utah - a state in which PacificCorp serves retail electrical customers

PacificCorp also purchases the energy for these facilities under a long-term (> 12 months) Qualifying Facility (QF) power purchase agreement. (WAC 480-109-060 (12)(e))

2022 Estimated Data: Annual Calculation of Revenue Requirement Ratio

480-109-210(2)(a)(ii) Utility must annually calculate its revenue requirement ratio for all eligible resources used for target year compliance

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

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	ALL AVAILABLE RESOURCES ESTIMATED			TARGET YEAR: BASED ON EXPECTED COMPLIANCE RESOURCES		
	sum of incremental costs of all eligible resources	RECs Generated or Purchased	Revenue from REC sales	sum of incremental costs of all eligible resources	RECs purchased	Revenue from REC sales
Adams Solar	7,314	5,224	0	7,314	5,224	
Bear Creek Solar	7,025	5,018	0	7,025	5,018	
Bigfork	(1,586)	82	0	(1,586)	82	
Blundell	0	16,068	0	0	16,068	
Blundell II	(270,817)	4,262	0	(270,817)	4,262	
Bly Solar	6,713	4,795	0	6,713	4,795	
Campbell Hill	(283,649)	7,987	0	(283,649)	7,987	
Cedar Springs Wind I	(171,906)	5,359	0	(171,906)	5,359	
Cedar Springs Wind II	169,532	5,063	0	169,532	5,063	
Cedar Springs Wind III	(180,347)	5,667	0	(180,347)	5,667	
Dunlap I	(188,050)	7,997	0	(188,050)	7,997	
Ekola Flats Wind	(2,646,951)	65,251	0	(2,646,951)	65,251	
Elbe Solar	7,045	5,032	0	7,045	5,032	
Enterprise	146,357	77,030	0	146,357	77,030	
Footo Creek I	0	15,873	0	0	15,873	
Glenrock I	(37,316)	8,149	0	(37,316)	8,149	
Glenrock III	(40,572)	10,532	0	(40,572)	10,532	
Goodnoe Hills	351,754	20,583	0	351,754	20,583	
High Plains	11,792	27,973	0	11,792	27,973	
JC Boyle (Upgrade 2005)	(12,556)	189	0	(12,556)	189	
Latigo Wind	(487,406)	13,408	0	(487,406)	13,408	
Leaning Juniper ¹	430,194	23,530	0	430,194	23,530	
Lemolo 1 (Upgrade 2003)	(34,103)	754	0	(34,103)	754	
Lemolo 2 (Upgrade 2009)	(7,550)	115	0	(7,550)	115	
Marengo I	140,985	9,654	0	140,985	9,654	
Marengo II	280,698	13,693	0	280,698	13,693	
McFadden Ridge	(80,059)	9,321	0	(80,059)	9,321	
Mountain Wind I	(312,255)	23,485	0	(312,255)	23,485	
Mountain Wind II	(123,433)	27,695	0	(123,433)	27,695	
Pavant I	63,233	42,155	0	63,233	42,155	
Pavant Solar II LLC	(610,258)	9,993	0	(610,258)	9,993	
Pioneer Wind Park I LLC	(1,513,443)	38,916	0	(1,513,443)	38,916	
Prospect 2 (Upgrade 1999)	(11,518)	286	0	(11,518)	286	
Rock River I	0	0	0	0	0	
Rolling Hills	(241,581)	27,410	0	(241,581)	27,410	
Sage Solar I, LLC	(97,223)	4,417	0	(97,223)	4,417	
Sage Solar II, LLC	(105,468)	4,417	0	(105,468)	4,417	
Sage Solar III, LLC	(96,855)	4,117	0	(96,855)	4,117	
Seven Mile Hill I	(145,068)	8,468	0	(145,068)	8,468	
Seven Mile Hill II	(127,522)	7,033	0	(127,522)	7,033	
Sweetwater Solar, LLC	(708,511)	15,481	0	(708,511)	15,481	
TB Flats Wind I	(227,878)	6,940	0	(227,878)	6,940	
TB Flats Wind II	(350,893)	9,154	0	(350,893)	9,154	
Top of the World	(210,339)	6,886	0	(210,339)	6,886	
Wolverine Creek	153,043	14,346	0	153,043	14,346	
Total	(7,549,432)	619,808	0	(7,549,432)	619,808	0
WA Share	(7,549,432)	619,808	0	(7,549,432)	619,808	0
Annual Revenue Requirement (most recent rate case)			393,158,062			393,158,062
CALCULATION 1 :			(7,549,432)	CALCULATION 2:		(7,549,432)
			-1.92%			-1.92%

(iii)(A) & (B) Annual Reporting Summary Data: 2021 and 2022

2021					
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
Adams Solar	6,849	4,892	1.40	4,892	6,849
Bear Creek Solar	7,479	5,342	1.40	5,342	7,479
Bigfork	(1,856)	96	(19.34)	96	(1,856)
Blundell	0	11,656	0.00	11,656	0
Blundell II	(335,885)	5,286	(63.54)	5,286	(335,885)
Bly Solar	6,397	4,569	1.40	4,569	6,397
Campbell Hill	(148,519)	4,182	(35.51)	4,182	(148,519)
Cedar Springs Wind I	(1,319,272)	41,127	(32.08)	41,127	(1,319,272)
Cedar Springs Wind II	1,130,001	33,747	33.48	33,747	1,130,001
Cedar Springs Wind III	(1,347,841)	42,353	(31.82)	42,353	(1,347,841)
Dunlap I	(820,559)	34,895	(23.52)	34,895	(820,559)
Ekola Flats Wind	(1,180,786)	29,108	(40.57)	29,108	(1,180,786)
Elbe Solar	6,972	4,980	1.40	4,980	6,972
Enterprise	37,459	19,715	1.90	19,715	37,459
Foote Creek I	0	13,252	0.00	13,252	0
Glenrock I	(33,039)	7,215	(4.58)	7,215	(33,039)
Glenrock III	(39,343)	10,213	(3.85)	10,213	(39,343)
Goodnoe Hills	235,186	13,762	17.09	13,762	235,186
High Plains	7,074	16,782	0.42	16,782	7,074
JC Boyle (Upgrade 2005)	(10,962)	165	(66.44)	165	(10,962)
Latigo Wind	(469,593)	12,918	(36.35)	12,918	(469,593)
Leaning Juniper 1	247,786	13,553	18.28	13,553	247,786
Lemolo 1 (Upgrade 2003)	(30,711)	679	(45.23)	679	(30,711)
Lemolo 2 (Upgrade 2009)	(4,136)	63	(65.65)	63	(4,136)
Marengo I	202,861	13,891	14.60	13,891	202,861
Marengo II	172,789	8,429	20.50	8,429	172,789
McFadden Ridge	(70,628)	8,223	(8.59)	8,223	(70,628)
Mountain Wind I	(35,620)	2,679	(13.30)	2,679	(35,620)
Mountain Wind II	(28,502)	6,395	(4.46)	6,395	(28,502)
Pavant I	13,965	9,310	1.50	9,310	13,965
Pavant Solar II LLC	(578,868)	9,479	(61.07)	9,479	(578,868)
Pioneer Wind Park I LLC	(175,277)	4,507	(38.89)	4,507	(175,277)
Prospect 2 (Upgrade 1999)	(8,296)	206	(40.27)	206	(8,296)
Rock River I	101,899	8,693	11.72	8,693	101,899
Rolling Hills	(182,750)	20,735	(8.81)	20,735	(182,750)
Sage Solar I, LLC	(60,795)	2,762	(22.01)	2,762	(60,795)
Sage Solar II, LLC	(65,282)	2,734	(23.88)	2,734	(65,282)
Sage Solar III, LLC	(63,543)	2,701	(23.53)	2,701	(63,543)
Seven Mile Hill I	(544,691)	31,795	(17.13)	31,795	(544,691)
Seven Mile Hill II	(119,652)	6,599	(18.13)	6,599	(119,652)
Sweetwater Solar, LLC	(659,632)	14,413	(45.77)	14,413	(659,632)
TB Flats Wind I	(2,013,800)	61,330	(32.84)	61,330	(2,013,800)
TB Flats Wind II	(969,382)	25,289	(38.33)	25,289	(969,382)
Top of the World	(961,280)	31,470	(30.55)	31,470	(961,280)
Wolverine Creek	144,455	13,541	10.67	13,541	144,455
TOTAL	(3,752,278)	615,731		0	0

2022					
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
Adams Solar	7,314	5,224	1.40	5,224	7,314
Bear Creek Solar	7,025	5,018	1.40	5,018	7,025
Bigfork	(1,586)	82	(19.34)	82	(1,586)
Blundell	0	16,068	0.00	16,068	0
Blundell II	(270,817)	4,262	(63.54)	4,262	(270,817)
Bly Solar	6,713	4,795	1.40	4,795	6,713
Campbell Hill	(283,649)	7,987	(35.51)	7,987	(283,649)
Cedar Springs Wind I	(171,906)	5,359	(32.08)	5,359	(171,906)
Cedar Springs Wind II	169,532	5,063	33.48	5,063	169,532
Cedar Springs Wind III	(180,347)	5,667	(31.82)	5,667	(180,347)
Dunlap I	(188,050)	7,997	(23.52)	7,997	(188,050)
Ekola Flats Wind	(2,646,951)	65,251	(40.57)	65,251	(2,646,951)
Elbe Solar	7,045	5,032	1.40	5,032	7,045
Enterprise	146,357	77,030	1.90	77,030	146,357
Foote Creek I	0	15,873	0.00	15,873	0
Glenrock I	(37,316)	8,149	(4.58)	8,149	(37,316)
Glenrock III	(40,572)	10,532	(3.85)	10,532	(40,572)
Goodnoe Hills	351,754	20,583	17.09	20,583	351,754
High Plains	11,792	27,973	0.42	27,973	11,792
JC Boyle (Upgrade 2005)	(12,556)	189	(66.44)	189	(12,556)
Latigo Wind	(487,406)	13,408	(36.35)	13,408	(487,406)
Leaning Juniper 1	430,194	23,530	18.28	23,530	430,194
Lemolo 1 (Upgrade 2003)	(34,103)	754	(45.23)	754	(34,103)
Lemolo 2 (Upgrade 2009)	(7,550)	115	(65.65)	115	(7,550)
Marengo I	140,985	9,654	14.60	9,654	140,985
Marengo II	280,698	13,693	20.50	13,693	280,698
McFadden Ridge	(80,059)	9,321	(8.59)	9,321	(80,059)
Mountain Wind I	(312,255)	23,485	(13.30)	23,485	(312,255)
Mountain Wind II	(123,433)	27,695	(4.46)	27,695	(123,433)
Pavant I	63,233	42,155	1.50	42,155	63,233
Pavant Solar II LLC	(610,258)	9,993	(61.07)	9,993	(610,258)
Pioneer Wind Park I LLC	(1,513,443)	38,916	(38.89)	38,916	(1,513,443)
Prospect 2 (Upgrade 1999)	(11,518)	286	(40.27)	286	(11,518)
Rock River I	0	0	11.72	0	0
Rolling Hills	(241,581)	27,410	(8.81)	27,410	(241,581)
Sage Solar I, LLC	(97,223)	4,417	(22.01)	4,417	(97,223)
Sage Solar II, LLC	(105,468)	4,417	(23.88)	4,417	(105,468)
Sage Solar III, LLC	(96,855)	4,117	(23.53)	4,117	(96,855)
Seven Mile Hill I	(145,068)	8,468	(17.13)	8,468	(145,068)
Seven Mile Hill II	(127,522)	7,033	(18.13)	7,033	(127,522)
Sweetwater Solar, LLC	(708,511)	15,481	(45.77)	15,481	(708,511)
TB Flats Wind I	(227,878)	6,940	(32.84)	6,940	(227,878)
TB Flats Wind II	(350,893)	9,154	(38.33)	9,154	(350,893)
Top of the World	(210,339)	6,886	(30.55)	6,886	(210,339)
Wolverine Creek	153,043	14,346	10.67	14,346	153,043
TOTAL	(7,549,432)	619,808		619,808	(7,549,432)