

June 1, 2023

#### VIA ELECTRONIC FILING

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

#### RE: 2023 Annual Renewable Portfolio Standard Report

In accordance with RCW 19.285.070 and WAC 480-109-210(1), PacifiCorp d/b/a Pacific Power & Light Company (PacifiCorp or Company) submits its 2023 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.

In compliance with RCW 19.285.070(3) and WAC 480-109-210(4), the company will post the 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.

Sincerely,

/ S/

Matthew McVee Vice President, Regulatory Policy and Operations PacifiCorp 825 NE Multnomah Street, Suite 2000 Portland, OR 97232 (503) 813-5585 matthew.mcvee@pacificorp.com Washington Utilities and Transportation Commission June 1, 2023 Page 2

#### Enclosures:

NEW-PAC-2023-RPS-Rpt-6-1-23.pdf

NEW-PAC-Attach-A-6-1-23.xlsx

NEW-PAC-Attach-B-6-1-23.pdf

NEW-PAC-Attach-C-6-1-23.xlsx

NEW-PAC-WP-2023-RPS-Report-Cost-Analysis-6-1-23.xlsx

NEW-PAC-WP-EIA-RPS-RY2022-WREGIS-6-1-23.pdf

NEW-PAC-WP-Energy-EIA-2023-RenewableReportWorkbook-6-1-23.xlsx

NEW-PAC-WP-Reference-Note-EIA-RPS-RY2022-WREGIS-6-1-23.pdf

NEW-PAC-WP-RPS-Resource-Cost-Analysis-Methodology-6-1-23.pdf



# PacifiCorp d/b/a Pacific Power & Light Company

# Washington

2023 Renewable Portfolio Standard Report

June 1, 2023

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#### Introduction

PacifiCorp dba Pacific Power & Light Company (PacifiCorp) submits this 2023 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 2022 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 2023 renewable energy target.

A summary of the company's 2022 and 2023 renewable targets and eligible renewable resources and RECs are provided below:

Table 1

PacifiCorp Renewable Target, Eligible Resource and RECs									
2022 2023									
Average Retail Sales (MWh)	4,132,056	4,190,020							
Percentage Target 15% 15%									
Renewable Target 619,808 628,503									
Qualifying Resources & RECs (MWh) 795,708 <sup>1</sup> 803,359									

The company does not intend to rely on any of the alternative compliance mechanisms provided in WAC 480-109-210 for meeting either the 2022 or 2023 renewable energy targets under EIA.

PacifiCorp 2023 Renewable Portfolio Standard Report

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<sup>&</sup>lt;sup>1</sup> There is no application of surplus RECs to subsequent years but reported RECs are held to demonstrate performance towards Clean Energy Implementation Plan interim 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 2022 and 2023.

Table 2

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								
Target Y	ear 2023								
Prior Year Retail Sales (2021)	4,198,961 MWh								
Prior Year Retail Sales (2022)	4,181,079 MWh								
Average Retail Sales	4,190,020 MWh								
Percentage Target	15%								
Renewable Target	628,503 MWh/RECs								

# Renewable Energy Acquired to Meet Renewable Energy Target

PacifiCorp met its 2022 renewable resource target and plans to meet its 2023 renewable resource target with a combination of eligible RECs, company- and third-party-owned 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 2022 and 2023 and the RECs and renewable resources identified to meet the 2022 and 2023 targets.

PacifiCorp will use the following company- and third-party-owned resources for 2023:

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
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
Pavant	Solar	Utah
Prospect 2	Incremental Hydro	Oregon
Rock River I	Wind	Wyoming

Resource Name	Fuel Type	Location
Rolling Hills	Wind	Wyoming
Seven Mile Hill I	Wind	Wyoming
Seven Mile Hill II	Wind	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 labeled—Description of Hydroelectric Analysis Updated.

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

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 2023 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.

#### Energy Independence Act (I-937) Commerce Renewable Report – 2023

#### Energy Independence Act (EIA) Renewable Energy Report 2023

Utility	Pacific Power & Light Co.
Report Date	June 1, 2023
	Ariel Son/Regulation
Utility Contact Name/Dept	Zepure Shahumyan/Environmental Policy
	(503) 813-5410
Phone	(503) 813-5288
•	ariel.son@pacificorp.com
Email	zepure.shahumyan@pacificorp.com

Loads and Resources	
2021 Annual Load (MWh)	4,198,961
2022 Annual Load (MWh)	4,181,079
Average of 2021 & 2022 Annual Loads (MWh)	4,190,020
2023 Renewable Target (% of load)	15%
2023 Eligible Renewable Energy Target (MWh)	628,503
2023 Eligible Renewable Resources and RECs	803,359

#### 2023 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 - 2023							
Amount invested in incremental cost of eligible renewable resources and the cost of RECs	-\$10,773,586						
Total annual retail revenue requirement - 2023	\$407,257,687						
Investment in renewables and RECs as a percent of retail revenue requirement	-2.6%						

	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)	1,319	693,036	-	22,315	-	-	-	-	-	-	-	
Renewable Energy Credits	-	-	86,689	-	-	-	-	-	-	-	-	-
Total Renewables (MWh+RECs)	1,319	693,036	86,689	22,315	_	-	y-	-	-	-	-	-

#### 2023 Reporting Year:

This renewable energy report summarizes the eligible renewables resources and renewable energy credits (RECs) that the utility has acquired by January 1, 2023 for the purpose of meeting its Energy Independence Act (EIA) renewables target for 2023. The actual resources and RECs used to comply with the 2023 EIA target may vary from those reported here. Utilities will report in June of 2025 on the actual results for 2023.

#### 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 2023 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 2023 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 Co.
Compliance Year	2023

WREGIS ID	Facility Name	Resource Type	Apprentice Labor Eligibility	Generation Amount (MWh)	Apprentice Labor Amount (MWh equiv.)	Explanatory Notes (as needed)
W179	Big Fork	Water	No	67	-	
W194	Blundell -Blundell	Geothermal	No	15,646	-	
W230	Blundell-Blundell 2	Geothermal	No	6,669	-	
W1383	Campbell Hill	Wind	No	26,155	-	
W10953	Cedar Springs Wind, LLC	Wind	No	60,471	-	
W11072	Cedar Springs Wind II	Wind	No	57,755	-	
W10972	Cedar Springs Wind III, LLC	Wind	No	40,122	-	
W1687	Dunlap I	Wind	No	32,344	-	
W11488	Ekola Flats Wind	Wind	No	63,140	-	
W201	Foote Creek I	Wind	No	11,509	-	
W964	Glenrock I	Wind	No	26,915	-	
W965	Glenrock III	Wind	No	10,079	-	
W536	Goodnoe Hills	Wind	No	18,603	-	
W1334	High Plains	Wind	No	26,238	-	
W180	JC Boyle	Water	No	92	-	
W4909	Latigo Wind Park	Wind	No	-	-	
w200	Leaning Juniper I	Wind	No	21,808	-	
W157	Lemolo 1	Water	No	937	-	
W158	Lemolo 2	Water	No	98	-	
W185	Marengo	Wind	No	33,979	-	
W772	Marengo II	Wind	No	18,210	-	
W1341	McFadden Ridge	Wind	No	8,119	-	
W1022	Mountain Wind Power	Wind	No	-	-	
W1023	Mountain Wind Power II	Wind	No	-	-	
W5057	PSEG Solar Utah, LLC	Solar	No	-	-	
W5126	Pioneer Wind Park	Wind	No	-	-	
W140	Prospect 2	Water	No	125	-	
W187	Rock River I	Wind	No	-	-	
W928	Rolling Hills	Wind	No	24,660	-	
W8800	Sage I	Solar	No	-	-	
W8808	Sage II	Solar	No	-	-	
W8811	Sage III	Solar	No	-	-	
W975	Seven Mile Hill I	Wind	No	31,343	-	
W976	Seven Mile Hill II	Wind	No	6,388	-	
W7365	Sweetwater	Solar	No	-	-	
W1749	Top of the World	Wind	No	42,480	-	
W12023	TB Flats Wind I	Wind	No	64,572	-	
W12157	TB Flats Wind II	Wind	No	55,222	-	
W188	Wolverine Creek	Wind	No	12,924	-	

Renewable Energy Credits

Utility Pacific Power & Light Co.

Compliance Year 2023

WREGIS ID	Facility Name	REC Vintage	Resource Type	Apprentice Labor Bigibility	Distributed Generation Eligibility	Quantity RECs	Labor Amount	Distributed Generation Amount MWh equiv.	Explanatory Notes (as needed)
W7039	Adams Solar Center	2023	Solar	No	No	4,354	-	-	
W7047	Bear Creek Solar Center	2023	Solar	No	No	4,344	-	-	
W7046	Bly Solar Center	2023	Solar	No	No	4,145	-	-	
W7044	Elbe Solar Center	2023	Solar	No	No	4,346	-	-	
W4938	Enterprise Solar, LLC	2023	Solar	No	No	45,209	-	-	
W4619	Pavant Solar, LLC	2023	Solar	No	No	24,291	-	-	

#### Energy Independence Act (I-937) Commerce Renewable Report – 2023

\*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 2023

Incremental Cost of Renev	vable Resou	ırces	Utility	Pacific P	ower & Light Co.			
		Co	ompliance Year		2023			
Facility Name	WREGIS ID	MWh	Renewable Resource Annual Cost in 2023	Renewable Resource Cost per MWH	Description of Substitute Reso	Substitute Resource Annual urce Cost in 2023		Incremental Cost of Renewable Resource in 2023
Big Fork	W179	67	-\$1,296	-\$19.34	-		\$0	-\$1,296
Blundell -Blundell	W194	15,646	\$0	\$0.00			\$0	\$0
Blundell-Blundell 2	W230	6,669	-\$423,764	-\$63.54			\$0	-\$423,764
Campbell Hill	W1383	26,155	-\$928,864	-\$35.51			\$0	-\$928,864
Cedar Springs Wind, LLC	W10953	60,471	-\$1,939,789	-\$32.08			\$0	-\$1,939,789
Cedar Springs Wind II	W11072	57,755	\$1,933,897	\$33.48			\$0	\$1,933,897
Cedar Springs Wind III, LLC	W10972	40,122	-\$1,276,842	-\$31.82			\$0	-\$1,276,842
Dunlap I	W1687	32,344	-\$760,572	-\$23.52			\$0	-\$760,572
Ekola Flats Wind	W11488	63,140	-\$2,561,317	-\$40.57			\$0	-\$2,561,317
Foote Creek I	W201	11,509	\$0	\$0.00			\$0	\$0
Glenrock I	W964	26,915	-\$123,251	-\$4.58			\$0	-\$123,251
Glenrock III	W965	10,079	-\$38,827	-\$3.85			\$0	-\$38,827
Goodnoe Hills	W536	18,603	\$317,917	\$17.09			\$0	\$317,917
High Plains	W1334	26,238	\$11,060	\$0.42			\$0	\$11,060
JC Boyle	W180	92	-\$6,112	-\$66.43			\$0	-\$6,112
Latigo Wind Park	W4909	-	\$0	\$0.00			\$0	\$0
Leaning Juniper I	w200	21,808	\$398,711	\$18.28			\$0	\$398,711
Lemolo 1	W157	937	-\$42,381	-\$45.23			\$0	-\$42,381
Lemolo 2	W158	98	-\$6,434	-\$65.65			\$0	-\$6,434
Marengo	W185	33,979	\$496,222	\$14.60			\$0	\$496,222
Marengo II	W772	18,210	\$373,293	\$20.50			\$0	\$373,293
McFadden Ridge	W1341	8,119	-\$69,735	-\$8.59			\$0	-\$69,735
Mountain Wind Power	W1022	-	\$0	\$0.00			\$0	\$0
Mountain Wind Power II	W1023	-	\$0	\$0.00			\$0	\$0
PSEG Solar Utah, LLC	W5057	-	\$0	\$0.00			\$0	\$0
Pioneer Wind Park	W5126	-	\$0	\$0.00			\$0	\$0
Prospect 2	W140	125	-\$5,034	-\$40.27			\$0	-\$5,034
Rock River I	W187	-	\$0	\$0.00			\$0	\$0
Rolling Hills	W928	24,660	-\$217,344	-\$8.81			\$0	-\$217,344
Sage I	W8800	-	\$0	\$0.00			\$0	\$0
Sage II	W8808	-	\$0	\$0.00			\$0	\$0
Sage III	W8811	-	\$0	\$0.00			\$0	\$0
Seven Mile Hill II Seven Mile Hill II	W975 W976	31,343 6,388	-\$536,948	-\$17.13 -\$18.13			\$0 \$0	-\$536,948 -\$115,827
			-\$115,827				-	
Sweetwater Top of the World	W7365 W1749	42,480	\$0 -\$1,297,590	\$0.00 -\$30.55			\$0 \$0	\$0 -\$1,297,590
TB Flats Wind I	W1749 W12023	64,572	-\$1,297,590	-\$30.55 -\$32.84			\$0	-\$1,297,590 -\$2,120,253
TB Flats Wind I	W12023	55,222	-\$2,120,253 -\$2,116,778	-\$32.84 -\$38.33			\$0	-\$2,120,253 -\$2,116,778
Wolverine Creek	W12137	12,924	\$137,873	\$10.67			\$0	
Totals		716,670	-\$10,919,985	ψ.3.07		\$0		-\$10,919,985

#### **Cost of Renewable Energy Credits**

Utility Pacific Power & Light Co.

Compliance Year 2023

Facility Name	WREGIS ID	REC Vintage (Year)	Number of RECs	Annual Cost of Renewable Energy Credits	Cost per REC
Adams Solar Center	W7039	2023	4,354	\$6,096	1.40
Bear Creek Solar Center	W7047	2023	4,344	\$6,082	1.40
Bly Solar Center	W7046	2023	4,145	\$5,803	1.40
Elbe Solar Center	W7044	2023	4,346	\$6,084	1.40
Enterprise Solar, LLC	W4938	2023	45,209	\$85,897	1.90
Pavant Solar, LLC	W4619	2023	24,291	\$36,437	1.50
Total			86,689	\$146,399	

Documentation of the calculation and inputs for percentage of revenue requirement invested in renewables:

Please refer to the 2023 renewable report submitted to the Utilities and Transportation Commission.

## **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 2022 obligations and anticipates meeting its 2023 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 workpaper labeled PacifiCorp – WA RPS Resource Incremental 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 workpaper provided with this report and labeled PacifiCorp – WA RPS Resource Incremental Cost Analysis Methodology 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 2022 and 2023.

## Revenue Requirement

The revenue requirement amounts used in this Renewable Report are from the applicable general rate case, Docket UE-210532 for 2022 and Docket UE-210402 for 2023. The revenue requirement in 2022 is \$393,158,062. For 2023, WA's revenue requirement is \$407,257,687.

#### 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 2022 and 2023.

Table 5

Calendar Year	Total Washington Allocated Resource Costs	Washington Annual Revenue Requirement	% of Washington Expected Allocated Resource Costs to Annual Revenue Requirement
2022	(\$11,725,276)	\$393,158,062	(2.98%)
2023	(\$10,773,585)	\$407,257,687	(2.65%)

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 140,000 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.<sup>2</sup> 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)

<sup>&</sup>lt;sup>2</sup> 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.<sup>3</sup> 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.<sup>4</sup> 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 Inter-Jurisdictional 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.

Table 6 summarizes how PacifiCorp plans to supply Washington with its share of renewable generation in 2023.

<sup>&</sup>lt;sup>3</sup> RCW 19.285.030(12)(e)

<sup>2</sup> 

<sup>&</sup>lt;sup>4</sup> On February 9, 2017, in Docket No. 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 No. UE-190929).

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

COMPLIANCE RECs	
Target	628,503
2023 Vintage (System Renewables)	716,670
2023 Vintage Multistate REC RFP Purchases	86,689
2024 Vintage (System Renewables)	0
2024 Vintage Multistate REC RFP Purchases	0
	803,359

<sup>\*</sup>see Attachment C, "(2)(a)(ii)Annual-2023, 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 2022 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 2022 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 workpaper labeled WREGIS Certificates for Washington Compliance for 2022.

The company did not rely on any alternative compliance mechanisms to meet its renewable resource targets for 2022.

# **Current Year Progress**

PacifiCorp plans to meet its Washington 2023 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 2023.

# **Supporting Documents for Renewable Report**

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

# **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

#### **WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**PacifiCorp** 

Renewable Report

**RPS Reporting Tool** 

June 1, 2023

# **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 ro	w represents a	different fac	ility.				
	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
		ntify the input locations for t and in the "Facility Detail" w	-		'Facility Detail" worksheet. Inputs for cility 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 Date:	June 1	1, 2023												
RCW 19.285 Compliance Need	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	4,181,079	4,132,188
WA State RCW 19.285 Requirement		0%	3%	3%	3%	3%	9%	9%	9%	9%	15%	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	628,503
Eligible Quantity Acquired	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	777,200	795,718	803,359
Quantity from Non REC Eligible Generation		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity Available for RCW 19.285 Comp	liance	104,826	107,711	107,158	114,902	271,108	373,982	285,492	293,213	198,797	560,182	777,200	795,718	803,359
Sales and Transfers	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold	2010		-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred		-	-	_	_	_	-	-	-	-	-	-	-	-
Bonus Incentives Not Realized		_	_	_	-	-	_	-	_	_	-	_	_	_
Total Sold / Transferred / Unrealized		-	-	-	-	-		_	-		_		_	_
Total Sola / Transferred / Officialized	1													
Adjustments	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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												(15,051)	15,051	
2022 Surplus Applied to 2021												-	-	
2022 Surplus Applied to 2023													-	
2023 Surplus Applied to 2022														
2023 Surplus Applied to 2024														
Net Surplus Adjustments		(104,826)	12,147	13,558	7,117	(147,953)	(3,816)	78,555	75,920	168,871	46,845	(161,469)	15,051	-
Adjustment for Events Beyond Control		-	-	-	-	-	-	-	-	-	-	-	-	-
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023

(0)

(0)

1

(1)

(1)

1

190,961

174,856

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.

(0)

0

#### PACIFICORP Notes and Assumptions

# Retail Sales:

2010 - 2022 actual retail sales. 2023 load forecast based on filed 2023 IRP.

RCW 19.285 Compliance Surplus / (Deficit)

# **Facility Generation:**

**Reporting Entity:** 

**PacifiCorp** 

2011 - 2022 is based on actual generation or REC purchase data. Generation forecast begins January 2023.

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.

1

The forecasts for wind resources include generation attributed to the Company's planned repowering efforts.

# Allocation Factors:

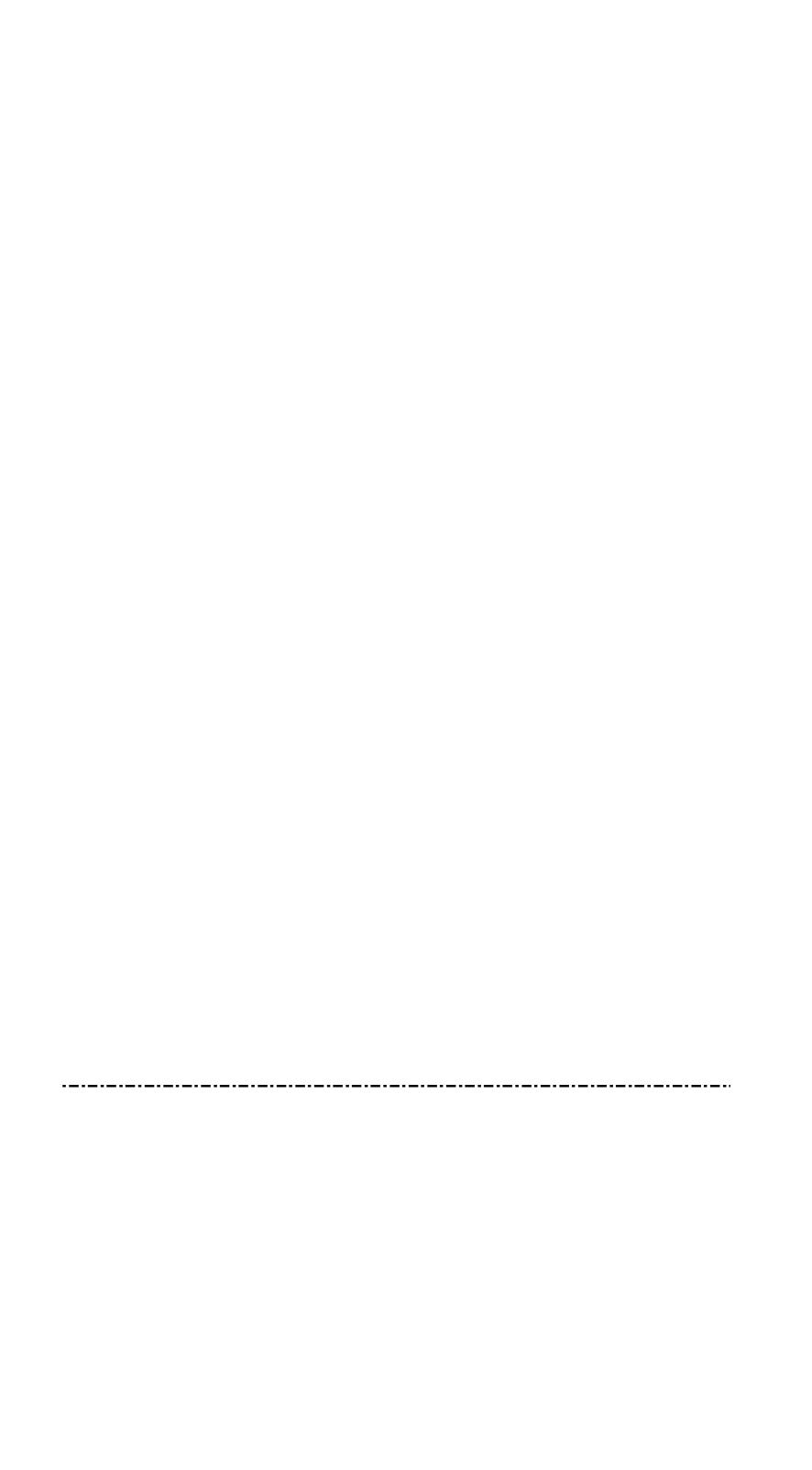
2011 - 2022 actual System Generation (SG) and Control Area Generation West (CAGW) allocation factors. Forecast factors (2023 onward).

# 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	ater (Incremental Hydr	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 P		Wind	Not Eligible	Not Eligible	31-Dec-01
Condon Wind Power Project - Condon Phase I	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
Foote 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	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Jan-28
Klondike I - Klondike Wind Power LLC - REC O	r 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	ater (Incremental Hydr	Not Eligible	Not Eligible	1-Jul-55
Lemolo 2	W158	ater (Incremental Hydr	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		Wind	Not Eligible	Not Eligible	22-Dec-12
		Wind			
Meadow Creek Wind Farm - North Point Wind	<del></del>		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 Pha		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	'ater (Incremental Hydr	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	W975 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		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	ater (Incremental Hydr		Not Eligible	1-Jul-63
Wolverine Creek	W188	Wind	Not Eligible	Not Eligible	12-Feb-06
			<u> </u>		

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



Percent of MWh Qualifying Under RCW 19.285         100%<	Facility Name:	Adams Solar													
Processe	MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Prince of Calabling North Original Prince of Calabling North Original Prince of Calabling North Original Prince of Calabling Origi	Total MWh Produced / Purchased for	rom Adams Solar								12,017	20,764	22,810	21,889	22,069	20,222
No. RC. Eligible North Auchieur les ver Ver J. 2012	Percent of MWh Qualifying Under R	CW 19.285													100%
No REC Eligible Generation  Low	Percent of Qualifying MWh Allocate	ed to WA								22%	22%	22%	22%	22%	22%
Baris Agenomicians (Provide Committee) 1	Eligible MWh Available for RCW 19	9.285 Compliance	-	-	-	-	-	-	-	588	4,617	5,098	4,891	4,816	4,354
Part	Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
REC Sales / Transferr  Quently (REC Sales / Transferr  Quently (REC Sales / Transferre)  Quently (REC Sales	Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers  Guistry of Brits void	Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Country or RECS 5006 Storus incentive Month Seniored Storus in	Total Quantity from Non REC Eligib	ole Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
Soon in centives Transferred Store And Control Service Services Se	REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Romain Incentive Not Realized Total Selford (Transferred (Unrealized  Adjustments  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2023 2023  2013 Serpius Applied to 2012 2014 Serpius Applied to 2012 2015 Serpius Applied to 2012 2015 Serpius Applied to 2013 2016 Serpius Applied to 2014 2015 Serpius Applied to 2015 2016 Serpius Applied to 2015 2017 Serpius	Quantity of RECs Sold		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments 2011 2012 2018 2019 2019 2019 2019 2019 2019 2019 2019	<b>Bonus Incentives Transferred</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments 201 201 201 201 201 201 201 201 201 201	<b>Bonus Incentives Not Realized</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
2011 Surphus Applied to 2012	Total Sold / Transferred / Unrealize	ed	-	-	-	-	-	-	-	-	-	-	-	-	-
2012 Surplus Applied to 2013 2013 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2015 2015 Surplus Applied to 2015 2015 Surplus Applied to 2015 2015 Surplus Applied to 2016 2015 Surplus Applied to 2017 2015 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2017 2018 Surplus Applied to 2018 2018 Surplus Applied to 2018 2018 Surplus Applied to 2018 2019 Surplus Applied to 2019 2010 Surplus Applied to 2011 2012 Surplus Applied to 2012 2012 Surplus Applied to 2012 2012 Surplus Applied to 2012 2013 Surplus Applied to 2014 2019 Surplus Applied to 2016 2019 Surplus Applied to 2016 2019 Surplus Applied to 2018 2019 Surplus Applied to 2016 2019 Surplus App	Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2012 Surplus Applied to 2013 2013 Surplus Applied to 2014 2014 Surplus Applied to 2014 2015 Surplus Applied to 2015 2016 Surplus Applied to 2015 2017 Surplus Applied to 2016 2017 Surplus Applied to 2016 2018 Surplus Applied to 2016 2018 Surplus Applied to 2016 2019 Surplus Applied to 2017 2019 Surplus Applied to 2019 2019 Surplus Applied to 2012 2019 Surplus Applied to 2014 2019 Surplus Applied to 2014 2019 Surplus Applied to 2014 2019 Surplus Applied to 2015 2019 Surplus Applied to 2014 2019 Surplus Applied to 2015 2019 Surplus Applied to 2014 2019 Surplus Applied to 2015 2019 Surplus Applied to 2016 2019 Surplus Applied to 2016 2019 Surplus App	2011 Surplus Applied to 2012		0	0	TO DESCRIPTION OF THE PARTY OF	The property of the second of									
2013 Surplus Applied to 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2015 2015 Surplus Applied to 2015 2015 Surplus Applied to 2016 2015 Surplus Applied to 2016 2015 Surplus Applied to 2016 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2018 Surplus Applied to 2017 2018 Surplus Applied to 2018 2018 Surplus Applied to 2019 2018 Surplus Applied to 2019 2018 Surplus Applied to 2019 2019 Surplus Applied to 2019 2019 Surplus Applied to 2020 2019 Surplus Applied to 2021 2016 Surplus Applied to 2021 2017 Surplus Applied to 2021 2018 Surplus Applied to 2022 2018 Surplus Applied to 2021 2018 Surplus Applied to 2024 2018 Surplus App	2012 Surplus Applied to 2011		0	0											
2013 surplus Applied to 2013 2024 surplus Applied to 2015 2025 surplus Applied to 2015 2025 surplus Applied to 2016 2025 surplus Applied to 2016 2025 surplus Applied to 2016 2026 surplus Applied to 2016 2027 surplus Applied to 2017 2027 surplus Applied to 2017 2027 surplus Applied to 2017 2027 surplus Applied to 2018 2027 surplus Applied to 2019 2027 surplus Applied to 2019 2028 surplus Applied to 2019 2028 surplus Applied to 2019 2028 surplus Applied to 2019 2029 surplus Applied to 2020 2020 surplus Applied to 2020 2020 surplus Applied to 2020 2020 surplus Applied to 2021 2020 surplus Applied to 2021 2021 surplus Applied to 2021 2022 surplus Applied to 2021 2023 surplus Applied to 2021 2024 surplus Applied to 2021 2025 surplus Applied to 2022 2025 surplus Applied to 2022 2026 surplus Applied to 2022 2027 surplus Applied to 2022 2028 surplus Applied to 2022 2029 surplus Applied to 2024 2038 surplus App	2012 Surplus Applied to 2013			0	0										
2014 Surplus Applied to 2015   0	2013 Surplus Applied to 2012			0	0										
2014 Surplus Applied to 2015   0					0	0									
2015 Surplus Applied to 2016   2015   2016 Surplus Applied to 2015   2016 Surplus Applied to 2017   2016 Surplus Applied to 2017   2017 Surplus Applied to 2017   2017 Surplus Applied to 2018   2018 Surplus Applied to 2019   2018 Surplus Applied to 2018   2019 Surplus Applied to 2019   2019 Surplus Applied to 2020   2019 Surplus Applied to 2021   2019 Surplus Applied to 2022   2019 Surplus Applied to 2022   2019 Surplus Applied to 2023   2019 Surplus Applied to 2023   2019 Surplus Applied to 2024   2019 Surplus Applied to 2025   2019 Surplus Applied t					0	0									
2015 Surplus Applied to 2016 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2018 2018 Surplus Applied to 2019 2019 Surplus Applied to 2018 2019 Surplus Applied to 2018 2019 Surplus Applied to 2018 2019 Surplus Applied to 2019 2020 Surplus Applied to 2019 2020 Surplus Applied to 2020 2020 Surplus Applied to 2020 2021 Surplus Applied to 2020 2022 Surplus Applied to 2020 2023 Surplus Applied to 2020 2024 Surplus Applied to 2020 2025 Surplus App						0	0	0							
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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 2018 2019 Surplus Applied to 2018 2019 Surplus Applied to 2020 2020 Surplus Applied to 2021 2020 Surplus Applied to 2021 2021 Surplus Applied to 2021 2021 Surplus Applied to 2021 2022 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2023 Surplus Applied to 2021 2023 Surplus Applied to 2021 2024 Surplus Applied to 2021 2025 Surplus Applied to 2021 2025 Surplus Applied to 2021 2026 Surplus Applied to 2021 2027 Surplus Applied to 2021 2028 Surplus Applied to 2021 2029 Surplus Applied to 2021 2029 Surplus Applied to 2021 2029 Surplus Applied to 2022 2029 Surplus Applied to 2022 2020 Surplus Applied to 2022 2021 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2020 Surplus Applied to 2024 2020 Surplus Applied to 2025 2020 Surplus App								0	0						
2018 Surplus Applied to 2017 2018 Surplus Applied to 2019 2019 Surplus Applied to 2018 2019 Surplus Applied to 2020 2020 Surplus Applied to 2020 2020 Surplus Applied to 2021 2021 Surplus Applied to 2021 2021 Surplus Applied to 2020 2021 Surplus Applied to 2021 2022 Surplus Applied to 2022 2021 Surplus Applied to 2022 2022 Surplus Applied to 2022 2023 Surplus Applied to 2021 2024 Surplus Applied to 2022 2025 Surplus Applied to 2022 2026 Surplus Applied to 2022 2027 Surplus Applied to 2022 2028 Surplus Applied to 2023 2028 Surplus Applied to 2023 2029 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Adjustments  (588) 3975 (3387)								0	0						
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2019 Surplus Applied to 2020 2020 Surplus Applied to 2021 2020 Surplus Applied to 2021 2021 Surplus Applied to 2020 2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2022 2023 Surplus Applied to 2023 2023 Surplus Applied to 2024 2024 Surplus Applied to 2025 2025 Surplus Applied to 2025 2026 Surplus Applied to 2025 2027 Surplus Applied to 2025 2028 Surplus Applied to 2025 2029 Surplus Applied to 2025 2020 Surplus Applied to 2025 2020 Surplus Applied to 2025 2021 Surplus Applied to 2025 2022 Surplus Applied to 2025 2023 Surplus Applied to 2025 2024 Surplus Applied to 2025 2025 Surplus Applied to 2025 2026 Surplus Applied to 2025 2027 Surplus Applied to 2025 2028 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2020 Surplus App										588	588				
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 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments						00				U	0				
2020 Surplus Applied to 2021 2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Adjustments											2207	2207			
2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2026 Surplus Adjustments 2026 Surplus Adjustments 2027 Surplus Adjustments 2028 Surplus Applied to 2024 2029 Surplus Adjustments 2028 Surplus Adjustments 2028 Surplus Adjustments 2029 Surplus Adjustments 2038 Surplus Adjustments 2048 Surplus Adjustments 2058 Surplus Adjustments 2068 Surplus Adjustments 2068 Surplus Adjustments 2068 Surplus Adjustments 2078 Surplus Adjust					- Contraction of the Contraction						3307	3307	0		
2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  (588) 3975 (3387)												0	0		
2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  (588) 3975 (3387)												U	0	n	
2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  (588) 3975 (3387)													0	0	
2023 Surplus Applied to 2022       0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>n</td></td<>														0	n
2023 Surplus Applied to 2024  Net Surplus Adjustments  (588) 3975 (3387)														0	0
Net Surplus Adjustments (588) 3975 (3387)															0
Adjustment for Events Beyond Control			-	-	-	-		-	-	(588)	3975	(3387)	-	-	-
	Adjustment for Events Beyond Cor	ntrol									_				
	,								1						

8,592

1,711

4,891

4,354

4,816

Contribution to RCW 19.285 Compliance

Facility Name:	Bear Creek Sol	ar	]											
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from B	ear Creek Solar	-	-	-	-	-	-	-	5,710	22,676	24,050	23,903	23,024	20,177
Percent of MWh Qualifying Under RCW 1	9.285	0%	6 0%	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to \	NA	0%	6 0%	0%	0%	0%	0%	0%	22%	22%	22%	22%	22%	22%
Eligible MWh Available for RCW 19.285	Compliance	-	-	-	-	-	-	-	677	5,042	5,376	5,342	5,024	4,344
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	_
Total Quantity from Non REC Eligible Ge	neration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold		-	-	-	-	-	-	-	-	-	-	-	-	-
Bonus Incentives Transferred		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Bonus Incentives Not Realized</b>		_	-	-	-	-	-	_	-	-	-	-	-	_
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012		(	0								en e			
2012 Surplus Applied to 2011		(	0											
2012 Surplus Applied to 2013			C	0										
2013 Surplus Applied to 2012			C	0										
2013 Surplus Applied to 2014				0	0									
2014 Surplus Applied to 2013				0	0									
2014 Surplus Applied to 2015					0	0								
2015 Surplus Applied to 2014					0	0								
2015 Surplus Applied to 2016						0	0							
2016 Surplus Applied to 2015						0	0							
2016 Surplus Applied to 2017							0	0						
2017 Surplus Applied to 2016							0	0						
2017 Surplus Applied to 2018								0	0					
2018 Surplus Applied to 2017								0	0					
2018 Surplus Applied to 2019									677	677				
2019 Surplus Applied to 2018									0	0				
2019 Surplus Applied to 2020											0			
2020 Surplus Applied to 2019										3514	3514			
2020 Surplus Applied to 2021											0	0		
2021 Surplus Applied to 2020											0	0	_	
2021 Surplus Applied to 2022												0	0	
2022 Surplus Applied to 2021												0	0	
2022 Surplus Applied to 2023													0	0
2023 Surplus Applied to 2022													0	0
2023 Surplus Applied to 2024  Net Surplus Adjustments									(677)	4191	(3514)			0

9,233

1,862

5,342

5,024

4,344

Adjustment for Events Beyond Control

Contribution to RCW 19.285 Compliance

Facility Name: Bennett Creek \	Wind Farm - REC	Only											
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Bennett Creek Wind Farm -	12,259			Construction of the Constr	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	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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	2023
2011 Surplus Applied to 2012	12,259	12,259		-									
2012 Surplus Applied to 2011	-			-									
2012 Surplus Applied to 2013		_	-										
2013 Surplus Applied to 2012		-		or or other control or									
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					8,656	8,656							
2016 Surplus Applied to 2015					-								
2016 Surplus Applied to 2017						11,174	11,174						
2017 Surplus Applied to 2016				and the second s									
2017 Surplus Applied to 2018							9,667	9,667					
2018 Surplus Applied to 2017													
2018 Surplus Applied to 2019			Will restrict the second secon	**************************************				3,216	3,216				
Net Surplus Adjustments	(12,259)	12,259	-	-	(8,656)	(2,518)	1,507	6,451	3,216				
Adjustment for Events Beyond Control													
Contribution to RCW 19.285 Compliance	-	12,259	-	-	-	8,656	11,174	9,667	3,216	-	-	-	-

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Facility Name:	Bigfork													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased												1,198	1,112	849
Percent of MWh Qualifying Under												100%		
Percent of Qualifying MWh Alloca												8%	on an annual contraction and an annual contraction and an annual contraction and an annual contraction and and	100% 8%
Eligible MWh Available for RCW 1	19.285 Compliance	-	-	-	-	-	-	-	-	-	-	95	87	67
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Elig	ible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unreali	zed	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			0		TO THE PROPERTY OF THE PROPERT									
2012 Surplus Applied to 2011		0												
2012 Surplus Applied to 2013			0	0										
2013 Surplus Applied to 2012			0											
2013 Surplus Applied to 2014				0	0									
2014 Surplus Applied to 2013				0										
2014 Surplus Applied to 2015					0	0	0							
2015 Surplus Applied to 2014						•								
2015 Surplus Applied to 2016						0	0							
2016 Surplus Applied to 2015							0	0						
2016 Surplus Applied to 2017 2017 Surplus Applied to 2016							U	U						
2017 Surplus Applied to 2018								0	0					
2018 Surplus Applied to 2017									J					
2018 Surplus Applied to 2019									0	0				
2019 Surplus Applied to 2018														
2019 Surplus Applied to 2020														
2020 Surplus Applied to 2019														
2020 Surplus Applied to 2021											0	0		
2021 Surplus Applied to 2020											0	0		
2021 Surplus Applied to 2022												0	0	
2022 Surplus Applied to 2021												0	0	
2022 Surplus Applied to 2023													0	0
2023 Surplus Applied to 2022													0	0
2023 Surplus Applied to 2024										_				0
Net Surplus Adjustments									0	0	0	-	-	-
Adjustment for Events Beyond Co	ontrol													
Contribution to RCW 19.285 Compl	iance	-	-	_	_	-	-	-	_	-	-	95	87	67

Facility Name:	Blundell													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased fr	om Blundell											145,321	179,302	199,54
Percent of MWh Qualifying Under R												100%	100%	100
Percent of Qualifying MWh Allocate												8%	8%	8
Eligible MWh Available for RCW 19		-	-	-	-	-	-	-	-	-	-	11,582	14,117	100 8 15,64
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	_
Total Quantity from Non REC Eligib	ole Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealize	ed	-	-	-	-	-	- '	- '	-	-	- '	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			0								The second secon			
2012 Surplus Applied to 2011		0												
2012 Surplus Applied to 2013			0	0										
2013 Surplus Applied to 2012			0											
2013 Surplus Applied to 2014				0	0									
2014 Surplus Applied to 2013				0										
2014 Surplus Applied to 2015					0	0	0							
2015 Surplus Applied to 2014														
2015 Surplus Applied to 2016						0	0							
2016 Surplus Applied to 2015														
2016 Surplus Applied to 2017							0	0						
2017 Surplus Applied to 2016														
2017 Surplus Applied to 2018								0	0					
2018 Surplus Applied to 2017														
2018 Surplus Applied to 2019									0	0				
2019 Surplus Applied to 2018														
2019 Surplus Applied to 2020											0			
2020 Surplus Applied to 2019											0			
2020 Surplus Applied to 2021											0	0		
2021 Surplus Applied to 2020											Ü	0	0	
2021 Surplus Applied to 2022												0	0	
2022 Surplus Applied to 2021												U	0	
2022 Surplus Applied to 2023													0	
2023 Surplus Applied to 2022													U	
2023 Surplus Applied to 2024  Net Surplus Adjustments									0	0	0	-	-	-
Adjustment for Events Beyond Cor	ntrol													
Contribution to RCW 19.285 Complia	ance	-	-	-	-	-	-	-	-	-	-	11,582	14,117	15,64

Facility Name:	Blundell II													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Blui	ndell II											65,905	82,827	85,058
Percent of MWh Qualifying Under RCW 19.												100%	100%	100% 8% 6,669
Percent of Qualifying MWh Allocated to WA												8%	8%	8%
Eligible MWh Available for RCW 19.285 Co	ompliance	-	-	-	-	-	-	-	-	-	-	5,252	6,522	6,669
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distributed Generation Bonus</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Gene	eration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
2011 Surplus Applied to 2012			0											
2012 Surplus Applied to 2011		0												
2012 Surplus Applied to 2013			0	0										
2013 Surplus Applied to 2012			0											
2013 Surplus Applied to 2014				0	0									
2014 Surplus Applied to 2013				0										
2014 Surplus Applied to 2015					0	0	0							
2015 Surplus Applied to 2014														
2015 Surplus Applied to 2016						0	0							
2016 Surplus Applied to 2015														
2016 Surplus Applied to 2017							0	0						
2017 Surplus Applied to 2016								_						
2017 Surplus Applied to 2018								0	0					
2018 Surplus Applied to 2017									0	0				
2018 Surplus Applied to 2019									U	U				
2019 Surplus Applied to 2018														
2019 Surplus Applied to 2020 2020 Surplus Applied to 2019														
2020 Surplus Applied to 2019 2020 Surplus Applied to 2021											0	0		
2021 Surplus Applied to 2021											0	0		
2021 Surplus Applied to 2022											U	0	0	
2022 Surplus Applied to 2021												0	0	
2022 Surplus Applied to 2023	ŀ												0	n
2023 Surplus Applied to 2022													0	0
2023 Surplus Applied to 2024	ŀ													0
Net Surplus Adjustments	ι								0	0	0		-	-
Adjustment for Events Beyond Control	Γ										-			
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5,252

6,522

Contribution to RCW 19.285 Compliance

Facility Name:	Bly Solar	]												
MWh Allocated to WA Complian	nce	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purcha	sed from Bly Solar							-	587	18,041	20,552	20,443	20,259	19,250
Percent of MWh Qualifying Ur									100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh All									22%	22%	22%	22%	22%	22%
Eligible MWh Available for RO	CW 19.285 Compliance	-	-	-	-	-	-	-	129	4,012	4,594	4,569	4,421	4,145
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
Quantity of RECs Sold											en e			
<b>Bonus Incentives Transferred</b>														
Bonus Incentives Not Realized														
Total Sold / Transferred / Uni	realized	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			0											
2012 Surplus Applied to 2011		0									non-money many			
2012 Surplus Applied to 2013			0	0										
2013 Surplus Applied to 2012			0											
2013 Surplus Applied to 2014				0	0									
2014 Surplus Applied to 2013 2014 Surplus Applied to 2015				U	0	0	0							
2014 Surplus Applied to 2013 2015 Surplus Applied to 2014					U	U	U							
2015 Surplus Applied to 2014 2015 Surplus Applied to 2016						0	0							
2016 Surplus Applied to 2015														
2016 Surplus Applied to 2017							0	0						
2017 Surplus Applied to 2016														
2017 Surplus Applied to 2018								0	0					
2018 Surplus Applied to 2017														
2018 Surplus Applied to 2019									129	129				
2019 Surplus Applied to 2018										0				
2019 Surplus Applied to 2020										0	0			
2020 Surplus Applied to 2019										2923	2923			
2020 Surplus Applied to 2021											0	0		
2021 Surplus Applied to 2020											0	0		
2021 Surplus Applied to 2020 2021 Surplus Applied to 2022											0	0	0	
2021 Surplus Applied to 2020											0	0	0	

(129)

(2923)

1,671

3052

7,064

0

0

4,421

4,145

4,569

2022 Surplus Applied to 2021 2022 Surplus Applied to 2023

2023 Surplus Applied to 2022

2023 Surplus Applied to 2024 Net Surplus Adjustments

Contribution to RCW 19.285 Compliance

Adjustment for Events Beyond Control

Campbell Hill/Three Buttes **Facility Name: MWh Allocated to WA Compliance** 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Total MWh Produced / Purchased from Campbell Hill/Three Buttes 294,027 333,872 311,597 309,188 342,882 301,476 317,723 146,872 333,579 Percent of MWh Qualifying Under RCW 19.285 100% 100% 100% 100% 100% 100% 100% 100% 100% Percent of Qualifying MWh Allocated to WA 8% 8% 8% 8% 8% 8% 8% 8% 8% Eligible MWh Available for RCW 19.285 Compliance 23,680 27,276 25,187 24,567 11,269 27,866 24,026 25,017 26,155 Non REC Eligible Generation 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2011 2012 2013 2015 2016 2017 2018 2019 2020 2021 2022 2023 2014 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized **Adjustments** 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2011 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 23680 23680 2016 Surplus Applied to 2015 2016 Surplus Applied to 2017 0 2017 Surplus Applied to 2016 2017 Surplus Applied to 2018 25187 25187 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 20000 20000 2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 **Net Surplus Adjustments** (23,680) 23,680 (25,187) 25187 20000 (20,000) Adjustment for Events Beyond Control **Contribution to RCW 19.285 Compliance** 50,956 11,269 47,866 4,026 25,017 26,155 49,754

Facility Name:	Cedar Springs \	Wind I												
MWh Allocated to WA Compliance	_	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Ceda	ar Springs Wind I							-				762,074	821,086	771,241
Percent of MWh Qualifying Under RCW 19.2												100%	100%	100%
Percent of Qualifying MWh Allocated to WA												8%	8%	8% 60,471
Eligible MWh Available for RCW 19.285 Co	mpliance	-	-	-	-	-	-	-	-	-	-	60,735	64,651	60,471
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	_
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Gene	ration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
<b>Bonus Incentives Transferred</b>														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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 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											20,000	20,000		
2021 Surplus Applied to 2022													-	
2022 Surplus Applied to 2021												-		
2022 Surplus Applied to 2023														-
2023 Surplus Applied to 2022													-	
2023 Surplus Applied to 2024														
Net Surplus Adjustments								-	-	-	20,000	(20,000)	-	-
<b>Adjustment for Events Beyond Control</b>														
Contribution to RCW 19.285 Compliance	1	-	-	-	-	-	-	_	-	-	20,000	40,735	64,651	60,471
Contribution to New 13.203 Compliance			-	_			_	_	<u>-</u>	_	20,000	70,733	04,031	00,471

Facility Name:	edar Springs Win	nd II												
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Cedar Spr	ings Wind II							-				670,071	603,521	736,604
Percent of MWh Qualifying Under RCW 19.285	85											100%	100%	100%
Percent of Qualifying MWh Allocated to WA												8%	8%	8%
Eligible MWh Available for RCW 19.285 Complia	nce	-	-	-	-	-	-	-	-	-	_	53,403	47,520	57,755
												25,152	,	21,122
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		_	-	-	- 1	-	-	-	-	-	- 1		-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	_	-	_	-	-
Total Quantity from Non REC Eligible Generation	1	-	-	-	- '	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealized		-	_	-	-	-	-	-	-		_		-	_
Total solu / Transferreu / Gineanzeu														
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-								The state of the s			
2012 Surplus Applied to 2011		-												
2012 Surplus Applied to 2013			-	-							200000000000000000000000000000000000000			
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											90			
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									-	-	200			
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	20,000		
2021 Surplus Applied to 2022												-	-	
2022 Surplus Applied to 2021												-	-	
2022 Surplus Applied to 2023														-
2023 Surplus Applied to 2022											***************************************		-	-
2023 Surplus Applied to 2024											22.222	(22.222)		-
Net Surplus Adjustments								-	-	-	20,000	(20,000)	-	-
<b>Adjustment for Events Beyond Control</b>											Proposition			
Contribution to RCW 19.285 Compliance		-	-	-	-	-	-	_	-	_	20,000	33,403	47,520	57,755
•													<u></u>	

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Facility Name:	Cedar Springs Wind III												
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Cedar S											528,019	568,194	511,714
Percent of MWh Qualifying Under RCW 19.285											100%	100%	100%
Percent of Qualifying MWh Allocated to WA	***************************************										8%	8%	8%
Eligible MWh Available for RCW 19.285 Comp	liance		-	-	-	-	-	-	-	-	42,081	44,738	40,122
•											,	,	•
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-   -		_	-	_	-	-	_	_	-	-	-
Distributed Generation Bonus			-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generat	ion		-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold	2011	2012	2010	2011	2013	2010	2017	2010	1013	2020	2021	2022	2020
Bonus Incentives Transferred													
Bonus Incentives Not Realized													
Total Sold / Transferred / Unrealized			-	-	-	-	-	-	-	-	-	-	-
•													
Adjustments	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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													-
2023 Surplus Applied to 2022												-	-
2023 Surplus Applied to 2024													-
Net Surplus Adjustments							-	-	-	-	-	-	-
Adjustment for Events Beyond Control													
Contribution to RCW 19.285 Compliance											42,081	44.729	40 122
Contribution to New 15.205 Compilance		-	-	-	-	-	-	-	-	-	42,081	44,738	40,122

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Condon Wind Power Project - Condon Wind Power Project - REC Only **Facility Name: MWh Allocated to WA Compliance** 2013 2015 2016 2017 2012 2014 2018 2019 2020 2021 2022 2023 Total MWh Produced / Purchased from Condon Wind Power Project - Condon Wind Power Project - REC Only 8,286 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 8,286 Non REC Eligible Generation 2015 2016 2020 2011 2012 2013 2014 2017 2018 2019 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred Bonus Incentives Not Realized** Total Sold / Transferred / Unrealized Adjustments 2017 2020 2011 2012 2013 2014 2015 2016 2018 2019 2021 2022 2023 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 (8,286) 8,286 Project - R Net Surplus Adjustments **Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 8,286

Condon Wind Power Project - Condon Phase II - REC Only **Facility Name: MWh Allocated to WA Compliance** 2013 2016 2017 2011 2012 2014 2015 2018 2019 2020 2021 2022 2023 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 2015 2016 2019 2020 2011 2012 2013 2014 2017 2018 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred Bonus Incentives Not Realized** Total Sold / Transferred / Unrealized Adjustments 2017 2020 2011 2012 2013 2014 2015 2016 2018 2019 2021 2022 2023 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 (7,725) 7,725 C Only Net Surplus Adjustments **Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 7,725

Facility Name:	Dunlap I													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased						339,706	388,498	351,261	391,874	182,469	416,943	435,043	469,881	412,517
Percent of MWh Qualifying Under	•					100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Alloca						8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 1		-	-	-	-	27,359	31,741	25,412	31,135	14,000	33,884	34,671	36,998	32,344
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	_
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Elig	ible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold		2011	2012	2013	2011	2013	2010	2017	2010	2013	2020	2021	2022	2023
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unreali	ized	-	-	-	-	-	-	-	-					
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012		-	-								***************************************			
2012 Surplus Applied to 2011		-					3					000000000000000000000000000000000000000		
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	27,359							
2016 Surplus Applied to 2015														
2016 Surplus Applied to 2017							-	-						
2017 Surplus Applied to 2016														
2017 Surplus Applied to 2018								24,513	24,513					
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													-	
2023 Surplus Applied to 2022 2023 Surplus Applied to 2024													-	-
Net Surplus Adjustments		-	<u> </u>	-	-	(27,359)	27,359	(24,513)	24,513	-	-	-	-	-
						(=-,,		(= -,)	,					
Adjustment for Events Beyond Co	ontrol													
Contribution to RCW 19.285 Compl	liance	-	-	-	-	-	59,100	899	55,648	14,000	33,884	34,671	36,998	32,344
							/		, , ,	722		,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Facility Name: Ekola Flats Wir	nd												
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Ekola Flats Wind	_					-					736,904	805,728	805,284
Percent of MWh Qualifying Under RCW 19.285											100%	100%	100%
Percent of Qualifying MWh Allocated to WA											8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	- '	- '	- '	-	-	-	-	-	58,729	63,441	63,140
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit	-	-	-	- 1	- 1	-	-	-	-	-	-	-	-
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	2023
Quantity of RECs Sold	_	_		_		-	-				-		
Bonus Incentives Transferred													
Bonus Incentives Not Realized													
Total Sold / Transferred / Unrealized	-	-	- '	- '	- '	- 1	- '	- '	· · · · · · · · · · · · · · · · · · ·	1	<u>'</u>	i i	
Adjustments	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012	-	-											
2012 Surplus Applied to 2011	-		9										
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											4-0-4	1= 0=1	
2021 Surplus Applied to 2022											15,051	15,051	
2022 Surplus Applied to 2021													
2022 Surplus Applied to 2023													-
2023 Surplus Applied to 2022													
2023 Surplus Applied to 2024			The state of the s			***************************************					(45.054)	45.054	
Net Surplus Adjustments		<u>-</u>	<u>-</u>	-	<u>-</u>	<u>-</u>	-	-	-	<u>-</u>	(15,051)	15,051	-
Adjustment for Events Beyond Control													
Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	43,678	78,492	63,140

Process of Standard Action Ministry of M	Facility Name:	Elbe Solar													
Process of Standard Action Ministry of M	MWh Allocated to WA Compliance	20	)11	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Figure Michaels in Kett Value State Complemen  Figure With Manuals in Kett Value State Complement  Figure With Manuals in Kett	Total MWh Produced / Purchased from Elb	e Solar						-	-	10,628	20,746	22,933	22,281	22,449	20,185
Prince of Completing Workshoulder in Kerk U. 250 (Complexa)  No. TEC Eligible Concentration  101 202 2013 2014 2015 2016 2016 201 201 201 201 201 201 201 201 201 201	Percent of MWh Qualifying Under RCW 19.	.285								100%	100%	100%	100%	100%	100%
Non-REC Eligible Generation  Law Agreements with Control of Contro	Percent of Qualifying MWh Allocated to Wa	A						0%	0%	22%	22.23660721%	22%	22%	22%	22%
First Assemblance Properties	Eligible MWh Available for RCW 19.285 Co	ompliance	-	-	-	-	-	-	-	648	4,613	5,126	4,978	4,898	4,346
Desirable of form for Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  Rec Sales / Transfers  Destruction from Mon Michigal Generation  Rec Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  Rec Sales / Transfers  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  Destruction from Mon Michigal Generation  REC Sales / Transfers  Destruction from Mon Michigal Generation  Destruction from Mon Michig	Non REC Eligible Generation	20	)11	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
RECSales / Transferes  10 1 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30	Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers  Dess successor Francisco   2011   2012   2018   2014   2015   2014   2017   2018   2019   2	Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Quantity of Nicks soleth   Short Streetford   Sho	Total Quantity from Non REC Eligible Gene	eration	-	-	-	-	-	-	-	-	-	-	-	-	-
Should secondaries From Principalities   1	REC Sales / Transfers	20	)11	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Rows increasives Medicalized Transferred Unrealized Transferred Unrealized Transferred Unrealized Services Against Control Con	Quantity of RECs Sold														
Adjustments  201	Bonus Incentives Transferred														
Adjustments 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2011 5011 5011 5011 5011 5011 5011 5011	Bonus Incentives Not Realized														
2011 Surplus Applied to 2012 2013 Surplus Applied to 2013 2013 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2014 Surplus Applied to 2013 2015 Surplus Applied to 2013 2015 Surplus Applied to 2013 2015 Surplus Applied to 2014 2015 Surplus Applied to 2015 2015 Surplus Applied to 2016 2015 Surplus Applied to 2016 2015 Surplus Applied to 2017 2017 Surplus Applied to 2018 2019 Surplus Applied to 2019 2020 Surplus Applied to 2019 2020 Surplus Applied to 2019 2021 Surplus Applied to 2019 2021 Surplus Applied to 2019 2022 Surplus Applied to 2019 2023 Surplus Applied to 2019 2024 Surplus Applied to 2019 2025 Surplus App	Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
2013 Surplus Applied to 2012 2013 Surplus Applied to 2013 2013 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2013 Surplus Applied to 2014 2014 Surplus Applied to 2014 2015 Surplus Applied to 2015 2015 Surplus Applied to 2015 2015 Surplus Applied to 2016 2015 Surplus Applied to 2016 2015 Surplus Applied to 2016 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2016 2019 Surplus Applied to 2016 2019 Surplus Applied to 2018 2019 Surplus Applied to 2018 2019 Surplus Applied to 2018 2019 Surplus Applied to 2019 2010 Surplus Applied to 2019 2012 Surplus Applied to 2019 2014 Surplus Applied to 2014 2015 Surplus Applied to 2019 2016 Surplus Applied to 2019 2017 Surplus Applied to 2019 2018 Surplus App	Adjustments	20	)11	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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2020 Surplus Applied to 2019 2020 Surplus Applied to 2021 2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2020 Surplus Applied to 2024 2021 Surplus Applied to 2024 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2020 Surplus Applied to 2024 2020 Surplus Applied to 2024 2021 Surplus Applied to 2025 2022 Surplus Applied to 2025 2023 Surplus Applied to 2025 2024 Surplus Applied to 2025 2025 Surplus Applied to 2025 2026 Surplus Applied to 2025 2027 Surplus Applied to 2025 2028 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2020 Surplus App	2019 Surplus Applied to 2018														
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2021 Surplus Applied to 2020 2022 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control	2020 Surplus Applied to 2019										3,364	3,364			
2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Adjustments  (648) 4,012												-	-		
2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control												-	-		
2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control													-	-	
2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control													-	-	
2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control														-	-
Net Surplus Adjustments  (648) 4,012  Adjustment for Events Beyond Control														-	_
Adjustment for Events Beyond Control															-
	Net Surplus Adjustments									(648)	4,012	-	-	-	-
Contribution to DCW 10 395 Compliance	<b>Adjustment for Events Beyond Control</b>														
Contribution to RCW 19.285 Compliance 8.625 1.762 4.978 4.898 4.34	Contribution to RCW 19.285 Compliance										8,625	1,762	4,978	4,898	4,346

Elkhorn Valley Wind - REC Only **Facility Name: MWh Allocated to WA Compliance** 2012 2013 2017 2020 2011 2014 2015 2016 2018 2019 2021 2022 2023 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 2015 2017 2019 2020 2011 2012 2013 2014 2016 2018 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized Adjustments 2013 2015 2017 2020 2011 2012 2014 2016 2018 2019 2021 2022 2023 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 (4,468) 4,468 Net Surplus Adjustments **Adjustment for Events Beyond Control** 

4,468

Facility Name: Enterpr	ise Solar												
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Enterprise Solar						84,577	224,267	225,336	220,052	234,941	222,436	227,719	209,979
Percent of MWh Qualifying Under RCW 19.285						100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA						23%	22%	22%	22%	22%	22%	22%	22%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	19,234	50,456	49,593	48,932	52,513	49,716	49,691	45,209
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Quantity from Non REC Eligible Generation</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
2011 Surplus Applied to 2012	2011	-	2010	2011	2013	2010	201,	2010	2013	2020	2021	2022	2023
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						19,234	19,234						
2017 Surplus Applied to 2016													
2017 Surplus Applied to 2018							50,456	50,456					
2018 Surplus Applied to 2017	-												
2018 Surplus Applied to 2019								35,344	35,344				
2019 Surplus Applied to 2018													
2019 Surplus Applied to 2020										-			
2020 Surplus Applied to 2019									33,198	33,198			
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													-
2023 Surplus Applied to 2022													
2023 Surplus Applied to 2024													
Net Surplus Adjustments	-	-	-	-	-	(19,234)	(31,222)	15,112	68,542	(33,198)	-	-	-
Adjustment for Events Beyond Control						To constitute the second secon							

64,705

117,474

19,315

49,716

49,691

45,209

Fighting Creek - REC Only **Facility Name: MWh Allocated to WA Compliance** Total MWh Produced / Purchased from Fighting Creek - REC Only 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 Non REC Eligible Generation 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 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 (730) Net Surplus Adjustments **Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 

Facility Name:	Foote Creek I													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from	Foote Creek I											165,215	208,749	146,786
Percent of MWh Qualifying Under RCW												100%	100%	100%
Percent of Qualifying MWh Allocated to							On the second se					8%	8%	8%
Eligible MWh Available for RCW 19.285	5 Compliance	-	-	-	-	-	-	-	-	-	-	13,167	16,437	11,509
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible G	eneration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold							and the second s							
<b>Bonus Incentives Transferred</b>														
<b>Bonus Incentives Not Realized</b>														
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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														
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2018 Surplus Applied to 2017 2018 Surplus Applied to 2019										_				
2019 Surplus Applied to 2019										-				
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													-	-
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024														-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control										-				
Cantuibutian to DOM 40 305 Octob	_													44 -00
Contribution to RCW 19.285 Compliance	e	-	-	-	-	-	-	-	-	-	-	13,167	16,437	11,509

Facility Name: Glenrock Wind	П												
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Glenrock Wind I					289,386	311,607	268,269	303,865	143,370	402,765	339,298	328,535	343,271
Percent of MWh Qualifying Under RCW 19.285					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%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	23,306	25,457	21,686	24,143	11,000	32,732	27,040	25,869	26,915
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-		-	-	-	2021	-	
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	2023
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	2023
2011 Surplus Applied to 2012		-	- Control Cont								monocon		
2012 Surplus Applied to 2011	-									10 to	me me		
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	23,306							
2016 Surplus Applied to 2015													
2016 Surplus Applied to 2017						13,886	13,886						
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										20,000	20,000		
2021 Surplus Applied to 2022											-	-	
2022 Surplus Applied to 2021											-		
2022 Surplus Applied to 2023													-
2023 Surplus Applied to 2022												-	
2023 Surplus Applied to 2024					(22.205)	0.420	42.005			20.000	(20.000)		
Net Surplus Adjustments		-	-	-	(23,306)	9,420	13,886	-	-	20,000	(20,000)	-	-
Adjustment for Events Beyond Control						er en						The second secon	
Contribution to RCW 19.285 Compliance	-	-	-	-	-	34,877	35,572	24,143	11,000	52,732	7,040	25,869	26,915

Facility Name:	Glenrock III													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from	m Glenrock III											127,325	123,123	128,541
Percent of MWh Qualifying Under RCW	-											100%	100%	100%
Percent of Qualifying MWh Allocated t												8%	8%	
Eligible MWh Available for RCW 19.28		-	-	-	-	-	-	- '	-	-	-	10,147	9,694	8% 10,079
Non BEC Elizible Congretion		2014	2042	2012	2014	2045	204.6	2047	204.0	2040	2020	2024	2022	2022
Non REC Eligible Generation	г	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	L	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible	Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
<b>Bonus Incentives Transferred</b>													7	
<b>Bonus Incentives Not Realized</b>	<u>~</u>													
Total Sold / Transferred / Unrealized	•	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012	Г		-		_ • _ ·									
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	<u> </u>									-				
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													-	-
2023 Surplus Applied to 2022	-												-	-
2023 Surplus Applied to 2024	L			***************************************										-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Contro	ol						venezone							
Contribution to RCW 19.285 Compliance	ce 「	-	-	_	-	-	-	-	-	_	_	10,147	9,694	10,079
January is not zaizos compilant	L											10,147	3,034	10,075

Facility Name:	<b>Goodnoe Hills</b>													
MWh Allocated to WA Compliance	e	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased	-	239,431	221,156	227,258	216,762	186,746	223,899	191,917	230,513	57,616	326,836	296,244	265,804	237,257
Percent of MWh Qualifying Unde	La companya di managanta di mana	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Alloc	<b>-</b>	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW	<b>_</b>	18,896	17,608	17,896	17,392	15,039	18,292	15,514	18,315	4,421	26,562	23,609	20,928	18,603
-	•													
Non REC Eligible Generation	_	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	_
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eli	igible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold	Г	2011	2012	2013	2011	2013	2010	2017	2010	2013	2020	2021	2022	2023
Bonus Incentives Transferred	•													
Bonus Incentives Not Realized	•													
Total Sold / Transferred / Unrea	alized	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	-
,,														
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012		18,896	18,896		WWW.									
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											10,000	10,000		
2021 Surplus Applied to 2022	-												-	
2022 Surplus Applied to 2021												-		
2022 Surplus Applied to 2023	ļ													-
2023 Surplus Applied to 2022	ŀ												-	
2023 Surplus Applied to 2024	l	(40.000)	4 202	(200)	6.669	F 0=4	F 200				40.000	(60.000)		
Net Surplus Adjustments		(18,896)	1,288	(288)	6,662	5,851	5,383	-	-	-	10,000	(10,000)	-	-
Adjustment for Events Beyond C	Control													
Contribution to RCW 19.285 Comp	oliance [	_	18,896	17,608	24,054	20,890	23,675	15,514	18,315	4,421	36,562	13,609	20,928	18,603
	·				_ ,,					.,	,	23,555	,	_2,300

Facility Name: Gra	anite Mountain East													
MWh Allocated to WA Compliance	20:	11 20	.2 20	)13	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Granite Mo	ountain East			The second secon							75,000			
Percent of MWh Qualifying Under RCW 19.285											100%			
Percent of Qualifying MWh Allocated to WA				on the second se			Accompany				100%			
Eligible MWh Available for RCW 19.285 Compliance	ce	-	-	-	-	-	-	-	-	-	75,000	-	-	-
Non REC Eligible Generation	20:	11 20	.2 20	)13	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Quantity from Non REC Eligible Generation</b>		-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers	20:	11 20	.2 20	)13	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized	••••••••••••••••••••••••••••••													
Total Sold / Transferred / Unrealized		-	-	-	- '	-	- '	-	-	-	- '	-	-	-
Adjustments	20:	11 20	.2 20	)13	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-	*Expression of the control of the co	от постания и постани		90				Transmission of the state of th			
2012 Surplus Applied to 2011		-		The state of the s										
2012 Surplus Applied to 2013			-	-	200									
2013 Surplus Applied to 2012			-								9			
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				90										
2016 Surplus Applied to 2017							-	-						
2017 Surplus Applied to 2016				and the state of t										
2017 Surplus Applied to 2018				en e					-		200			
2018 Surplus Applied to 2017 2018 Surplus Applied to 2019	***************************************			and the second										
2016 Surplus Applied to 2019 2019 Surplus Applied to 2018				and an and an					-	-				
2019 Surplus Applied to 2010 2019 Surplus Applied to 2020				Name of the second						_	-			
2020 Surplus Applied to 2019														
2020 Surplus Applied to 2021											-	-		
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control					The state of the s									
Contribution to RCW 19.285 Compliance		-	-	-	-	-	-	-	-	-	75,000	-	-	-

Facility Name:	Granite Mounta	ain West												
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Granite	e Mountain West			THE PROPERTY OF THE PROPERTY O			Management of the Control of the Con				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 Comp	liance	-	-	-	-	-	-	-	-	-	75,000	-	-	-
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit	Γ	-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generat	ion	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
<b>Bonus Incentives Not Realized</b>														
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-	on the state of th			1				-			
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	No. of the Control of					-	-							
2016 Surplus Applied to 2015 2016 Surplus Applied to 2017	-			and the second s					<u> </u>					
2016 Surplus Applied to 2017 2017 Surplus Applied to 2016							-	-						
2017 Surplus Applied to 2018	· Andrews								-					
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	L			and the second s							-	-	-	
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control							Proposition							
Contribution to RCW 19.285 Compliance		-	-	-	-	-	-	-	-		75,000	<u>-</u>	-	_
Compliance	_										,3,000			

Hidden Hollow - REC Only **Facility Name: MWh Allocated to WA Compliance** 2012 2016 2017 2011 2013 2014 2015 2018 2019 2020 2021 2022 2023 Total MWh Produced / Purchased from Hidden Hollow - REC Only 12,501 3,960 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 12,501 3,960 Non REC Eligible Generation 2015 2017 2020 2011 2012 2013 2014 2016 2018 2019 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized **Adjustments** 2013 2015 2017 2020 2011 2012 2014 2016 2018 2019 2021 2022 2023 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 12,501 12,501 2016 Surplus Applied to 2015 2016 Surplus Applied to 2017 3,960 3,960 2017 Surplus Applied to 2016 2017 Surplus Applied to 2018 (12,501) **Net Surplus Adjustments** 8,541 3,960 **Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 12,501 3,960

Facility Name:	High Plains													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased	from High Plains						-					333,898	383,965	334,631
Percent of MWh Qualifying Under	RCW 19.285											100%	100%	100%
Percent of Qualifying MWh Allocat	ted to WA											8%	8%	8%
Eligible MWh Available for RCW 1	19.285 Compliance	-	-	-	-	-	-	-	-	-	-	26,611	30,233	26,238
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	_	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligi	ible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealis	zed	-	- '	-	-	-	-	- '	-	-	- '	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-								- Commission of the Commission			
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					War and the same of the same o			-	-					
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											10.000	-		
2021 Surplus Applied to 2020	Company of the Compan										10,000	10,000		
2021 Surplus Applied to 2022					View of the control o								-	
2022 Surplus Applied to 2021												-		
2022 Surplus Applied to 2023														-
2023 Surplus Applied to 2022														
2023 Surplus Applied to 2024  Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	10,000	(10,000)	-	-
Adjustment for Events Beyond Co	ontrol			Treatment of the Control of the Cont			over a constant of the constan							
Contribution to RCW 19.285 Compl	iance	_	_	_	_		-	-	<u>-</u>		10,000	16,611	30,233	26,238
Contribution to New 13.263 Compi		-	-	-	-	-	-	-	•	-	10,000	10,011	30,233	20,230

**Hot Springs Wind Farm - REC Only Facility Name: MWh Allocated to WA Compliance** 2016 2017 2011 2012 2013 2014 2015 2018 2019 2020 2021 2022 2023 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 2015 2011 2012 2013 2014 2016 2017 2018 2019 2020 2021 2022 2023 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 2023 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized **Adjustments** 2013 2017 2011 2012 2014 2015 2016 2018 2019 2020 2021 2022 2023 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 2017 Surplus Applied to 2018 8,846 8,846 2018 Surplus Applied to 2017 2018 Surplus Applied to 2019 1,923 1,923 **Net Surplus Adjustments** (7,963)7,963 (8,028) 1,372 6,923 1,923 (2,190)**Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 7,963 8,028 10,218 8,846 1,923 -

Facility Name:	JC Boyle (Upgr	ate 2005)	]											
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from JC Bo	ovle (Ungrate 2005)		3,462	2,402	2,295	2,130	2,857	4,238	2,581	3,044	2,362	2,053	2,089	1,176
Percent of MWh Qualifying Under RCW 19.2			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%	8.0%	8%	8%
Eligible MWh Available for RCW 19.285 Co		-	276	189	184	172	235	342	205	234	192	164	164	92
Ğ	•													
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Gene	ration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold		2011	2012	2013	2014	2013	2010	2017	2018	2019	2020	2021	2022	2023
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealized		-	_	_	-	_	-	-			-		-	-
Total Sold / Transferred / Officialized		_			_	_	_			_	_		_	
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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													-	-
2023 Surplus Applied to 2022													-	_
2023 Surplus Applied to 2024							- Contraction				Personal			-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control														
Contribution to PCW 10 205 Compliance			276	100	404	472	225	242	205	224	100	464	164	02
Contribution to RCW 19.285 Compliance		-	276	189	184	172	235	342	205	234	192	164	164	92

Klondike I - Klondike Wind Power LLC - REC Only **Facility Name: MWh Allocated to WA Compliance** 2011 2012 2013 2016 2017 2014 2015 2018 2019 2020 2021 2022 2023 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 2015 2016 2019 2020 2011 2012 2013 2014 2017 2018 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized Adjustments 2013 2017 2020 2011 2012 2014 2015 2016 2018 2019 2021 2022 2023 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 8,543 2016 Surplus Applied to 2017 8,543 2017 Surplus Applied to 2016 2017 Surplus Applied to 2018 (8,543) 8,543 Net Surplus Adjustments **Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 8,543

Facility Name:	Latigo													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from L	<u> </u>											161,054	-	-
Percent of MWh Qualifying Under RCW 1												100%	100%	100%
Percent of Qualifying MWh Allocated to V Eligible MWh Available for RCW 19.28		_	_	_	-	-	-	_		_	_	0%	<u> </u>	<u>0%</u> -
Englote NIVII IValiable for New 17.20	3 comphance													
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible C	Generation	-	-	-	-	-	-	-	-	-	-	•	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
<b>Bonus Incentives Transferred</b>														
Bonus Incentives Not Realized							and the second							
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	•	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012		2011	-	2013	2011	2013	2010	2017	2010	2017		2021	2022	2023
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				<del>-</del>	-									
2014 Surplus Applied to 2015				-	-	-								
2015 Surplus Applied to 2014														
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2020 Surplus Applied to 2019 2020 Surplus Applied to 2021										-	-	-		
2021 Surplus Applied to 2020												-		
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2022 Surplus Applied to 2021												-	-	
2022 Surplus Applied to 2023													-	_
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024  Net Surplus Adjustments	l	-	-	-	-	-	-	-	-	-	-	-	-	-
recom plus riujustinents														
Adjustment for Events Beyond Control	[													
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Contribution to RCW 19.285 Complian	ce	-	-	-	-	-	-	-	-	-	-	-	-	-

Facility Name:	Leaning Junip	oer												
MWh Allocated to WA Compliance	<u> </u>	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased		234,789	190,905	206,164	215,245	188,567	202,605	155,685	201,665	167,178	316,351	293,641	253,408	278,136
Percent of MWh Qualifying Under	• •	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Alloca		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW		18,530	15,200	16,235	17,270	15,187	16,552	12,585	16,022	12,827	25,709	23,402	19,953	21,808
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Distributed Generation Bonus</b>		-	-	-	-	-	-	-	-	-	-	-	-	_
Total Quantity from Non REC Elig	gible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold				On contract of the contract of										
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unreal	lized	-	- '	-	- '	-	-	- '	- '	- '	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012		18,530	18,530									***************************************		
2012 Surplus Applied to 2011		-	•	90										
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				The state of the s										
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				The state of the s						-				
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														-
2023 Surplus Applied to 2022													-	
2023 Surplus Applied to 2024														
Net Surplus Adjustments		(18,530)	3,330	(1,035)	(1,035)	2,083	15,187	-	- '	-	10,000	(10,000)	-	-
Adjustment for Events Beyond Co	ontrol			Will account to the control of the c										
,										i i				

31,739

12,585

16,022

12,827

35,709

13,402

19,953

21,808

18,530

15,200

16,235

Lemolo 1 (Upgrade 2003) **Facility Name: MWh Allocated to WA Compliance** 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Total MWh Produced / Purchased from Lemolo 1 (Upgrade 2003) 14,311 12,553 13,621 10,573 11,949 17,021 12,661 17,773 12,686 11,639 8,423 8,459 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% 8% Eligible MWh Available for RCW 19.285 Compliance 1,355 997 1,011 1,113 1,438 1,007 893 685 675 832 937 1,148 Non REC Eligible Generation 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2011 2012 2013 2015 2016 2017 2019 2020 2021 2022 2023 2014 2018 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 2023 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 2023 Surplus Applied to 2022 -2023 Surplus Applied to 2024 Net Surplus Adjustments Adjustment for Events Beyond Control

1,011

1,113

1,438

1,007

893

685

675

1,355

997

1,148

**Contribution to RCW 19.285 Compliance** 

937

832

Facility Name:	Lemolo 2 (Upgr	age 2009)												
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Lem	nolo 2 (Upgrage 2009)		1,781	1,290	1,355	1,066	1,144	1,567	1,038	1,130	747	790	847	1,256
Percent of MWh Qualifying Under RCW 19.2			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA	the state of the s	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Co	ompliance	-	142	102	109	86	95	127	84	87	61	62	67	8% 98
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	_
Total Quantity from Non REC Eligible Gene	eration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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						-	-							
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2015 Surplus Applied to 2016 2016 Surplus Applied to 2015						-	-							
2016 Surplus Applied to 2017							-							
2017 Surplus Applied to 2016	~						-							
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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	-												-	-
2023 Surplus Applied to 2022 2023 Surplus Applied to 2024	···												-	-
Net Surplus Adjustments	L											-	-	-
Adjustment for Events Beyond Control	Γ													
	-				,									
Contribution to RCW 19.285 Compliance			142	102	109	86	95	127	84	87	61	62	67	98

Lower Snake – Phalen Gulch - REC Only **Facility Name: MWh Allocated to WA Compliance** 2012 2013 2015 2017 2020 2011 2014 2016 2018 2019 2021 2022 2023 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 2015 2017 2019 2020 2011 2012 2013 2014 2016 2018 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2020 2011 2012 2013 2014 2015 2016 2017 2018 2019 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized Adjustments 2013 2015 2017 2020 2011 2012 2014 2016 2018 2019 2021 2022 2023 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 1,300 1,300 2016 Surplus Applied to 2015 2016 Surplus Applied to 2017 2017 Surplus Applied to 2016 2017 Surplus Applied to 2018 (1,300) 1,300 Net Surplus Adjustments **Adjustment for Events Beyond Control** 

1,300

Month   Mont	Facility Name:	Marengo I												
Over 1 Coloration Flow (1997-1999) and Reference (1997-1999) and Refer	MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Over 1 Coloration Flow (1997-1999) and Reference (1997-1999) and Refer	Total MWh Produced / Purchased from Ma	arengo I 403,408	358,669	331,240	367,390	298,771	356,053	315,543	336,426	145,630	482,194	484,854	391,503	433,360
Post of Capular (Marchine Work   18,00)   18,00   18														
Part									8%					8%
Company of Michigan			28,557	26,084	29,478	24,062	29,087	25,507	26,729	11,173	39,187	38,642	30,827	33,979
Company of Michigan	Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Distribution for exercising (Control of the Mark Intelligent desertation   Control of the Mark Intelligent desertation   Control of the Mark Intelligent Con							000					-		
TRACI Quantity from from Set Eligible Generation  REC Soles / Transfers    Manual Profession of France   Manual Profession of General Recognition of Control of Contr		_		-	-	-	-	-		-	-	-		
Committy of MCC Sold		eration -	-	-	-	-	-	-	-	-	-	-	-	-
Committy of MCC Sold	RFC Sales / Transfers	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Down inventibles 7 Productives 7 No. Revisited   Down inventibles 1 No. Revisited		2011	2012	2013	2014	2015	2010	2017	2010	2013	2020	2021	2022	2023
Double Mentiles Not Realized Transferred / Unrealized Transferred / Unr	•													
Adjustments  2011 500 to 2012 11,837 11,837 2015 2016 2015 2016 2015 2016 2016 2016 2016 2016 2016 2016 2016														
2015 Surplus Applied to 2012 2013 Surplus Applied to 2013 2013 Surplus Applied to 2013 2013 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016 2016 Surplus Applied to 2016 2017 Surplus Applied to 2017 2017 Surplus Applied to 2018 2018 Surplus Applied to 2018 2018 Surplus Applied to 2018 2019 Surplus Applied to 2019 2015 Surplus Applied to 2011 2017 Surplus Applied to 2011 2017 Surplus Applied to 2011 2018 Surplus Applied to 2014 2018 Surplus Applied to 2016 2018 Surplus Applied to 2016 2018 Surplus Applied to 2016 2018 Surplus App		<u> </u>	-	-	-	-	-	-	-	-	-	-	-	-
2015 Surplus Applied to 2012 2013 Surplus Applied to 2013 2013 Surplus Applied to 2013 2013 Surplus Applied to 2013 2013 Surplus Applied to 2014 2013 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2015 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2018 2018 Surplus Applied to 2018 2018 Surplus Applied to 2018 2019 Surplus Applied to 2018 2020 Surplus Applied to 2019 2020 Surplus Applied to 2019 2020 Surplus Applied to 2019 2021 Surplus Applied to 2019 2022 Surplus Applied to 2019 2023 Surplus Applied to 2019 2023 Surplus Applied to 2011 2023 Surplus Applied to 2014 2024 Surplus Applied to 2014 2025 Surplus Applied to 2015 2025 Surplus Applied to 2016 2025 Surplus App	Adjustments	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2023 Surplis Applied to 2011 2023 Surplis Applied to 2012 2023 Surplis Applied to 2012 2023 Surplis Applied to 2014 2034 Surplis Applied to 2014 2045 Surplis Applied to 2015 2025 Surplis Applied to 2016 2025 Surplis Applied to 2017 2025 Surplis Applied to 2018 2025 Surplis Applied to 2018 2025 Surplis Applied to 2020 2025 Surplis Applied to 2022 2025 Surplis Applied to 2022 2025 Surplis Applied to 2024 2025 Surplis Applied to 2025 2025 Surplis App														
2013 Surplus Applied to 2013 2013 Surplus Applied to 2013 2014 Surplus Applied to 2013 2015 Surplus Applied to 2013 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2015 2015 Surplus Applied to 2015 2016 Surplus Applied to 2015 2016 Surplus Applied to 2015 2016 Surplus Applied to 2015 2017 Surplus Applied to 2015 2018 Surplus Applied to 2015 2018 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2017 2018 Surplus Applied to 2019 2019 Surplus Applied to 2012 2019 Surplus Applied to 2018 2018 Surplus App		-	·				-							
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27013 Surplux Applied to 2014 27014 Surplux Applied to 2015 2014 Surplux Applied to 2015 2015 Surplux Applied to 2016 2016 Surplux Applied to 2017 2016 Surplux Applied to 2017 2017 Surplux Applied to 2016 2017 Surplux Applied to 2017 2018 Surplux Applied to 2017 2018 Surplux Applied to 2017 2018 Surplux Applied to 2019 2019 Surplux Applied to 2019 2022 Surplux Applied to 2021 2023 Surplux Applied to 2021 2023 Surplux Applied to 2021 2023 Surplux Applied to 2023 2023 Surplux Applied to 2024 2023 Surplux Applied to 2024 2024 Surplux Applied to 2024 2025 Surplux Applied to 2025 2025 Surplux A														
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2014 Surplus Applied to 2015 2015 Surplus Applied to 2024 2015 Surplus Applied to 2024 2015 Surplus Applied to 2020 2016 Surplus Applied to 2020 2018 Surplus Applied to 2021 2019 Surplus Applied to 2021 2020 Surplus Applied to 2021 2020 Surplus Applied to 2020 2021 Surplus Applied to 2022 2021 Surplus Applied to 2022 2022 Surplus Applied to 2023 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2022 Surplus Applied to 2022 2022 Surplus Applied to 2022 2022 Surplus Applied to 2023 2023 Surplus Applied to 2024 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus App					-		`	`						
2015 Surplus Applied to 2016 2016 Surplus Applied to 2016 2016 Surplus Applied to 2017 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2016 2017 Surplus Applied to 2016 2017 Surplus Applied to 2017 2018 Surplus Applied to 2017 2018 Surplus Applied to 2018 2019 Surplus Applied to 2019 2019 Surplus Applied to 2019 2020 Surplus Applied to 2019 2021 Surplus Applied to 2019 2021 Surplus Applied to 2019 2021 Surplus Applied to 2020 2022 Surplus Applied to 2020 2023 Surplus Applied to 2020 2023 Surplus Applied to 2021 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2034 Surplus Applied to 2024 2035 Surplus Applied to 2024 2035 Surplus Applied to 2024 2036 Surplus Applied to 2024 2036 Surplus Applied to 2024 2037 Surplus Applied to 2024 2037 Surplus Applied to 2024 2038 Surplus App					29,478	29,478								
2015 Surplus Applied to 2015 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2016 2017 Surplus Applied to 2016 2017 Surplus Applied to 2018 2018 Surplus Applied to 2019 2019 Surplus Applied to 2020 2020 Surplus Applied to 2020 2020 Surplus Applied to 2020 2020 Surplus Applied to 2021 2021 Surplus Applied to 2021 2022 Surplus Applied to 2022 2022 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2023 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2025 2025 Surplus App														
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2018 Surplus Applied to 2017 2018 Surplus Applied to 2019 2019 Surplus Applied to 2018 2019 Surplus Applied to 2020 2020							-							
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2019 Surplus Applied to 2020 2020 Surplus Applied to 2021 2020 Surplus Applied to 2021 2021 Surplus Applied to 2020 2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2023 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2025 2020 Surplus Applied to 2025 2020 Surplus Applied to 2025 2020 Surplus App	2018 Surplus Applied to 2019									-				
2020 Surplus Applied to 2019 2020 Surplus Applied to 2021 2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2020 Surplus Applied to 2025 2021 Surplus Applied to 2025 2022 Surplus Applied to 2025 2023 Surplus Applied to 2025 2024 Surplus Applied to 2025 2025 Surplus Applied to 2025 2026 Surplus Applied to 2025 2027 Surplus Applied to 2025 2028 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2020 Surplus App	2019 Surplus Applied to 2018													
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 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2024 Surplus Applied to 2022 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2025 2029 Surplus App	2019 Surplus Applied to 2020										-			
2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2023 2022 Surplus Applied to 2023 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  203 Surplus Applied to 2024 Adjustment for Events Beyond Control	2020 Surplus Applied to 2019									36,231	36,231			
2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Adjustments  (31,837) 3,280 2,473 (3,394) 5,416 24,062 36,231 (11,231) (25,000)	2020 Surplus Applied to 2021											-	-	_
2022 Surplus Applied to 2021 2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2023 Surplus Applied to 2024 Net Surplus Adjustments  (31,837) 3,280 2,473 (3,394) 5,416 24,062 36,231 (11,231) (25,000)  Adjustment for Events Beyond Control	2021 Surplus Applied to 2020										25,000	25,000		
2022 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  (31,837) 3,280 2,473 (3,394) 5,416 24,062 36,231 (11,231) (25,000)  Adjustment for Events Beyond Control	2021 Surplus Applied to 2022						***************************************							
2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control  Surplus Applied to 2022  Adjustment for Events Beyond Control  Surplus Applied to 2022  Surplus Applied to 2022  Surplus Adjustment Surplus Adjustments  Surplus Adjustment Surplus Adjustments  Surplus Adjustment Surplus Adjustment Surplus Surplu	2022 Surplus Applied to 2021													
2023 Surplus Applied to 2024       Surplus Adjustments       (31,837)       3,280       2,473       (3,394)       5,416       24,062       -       -       36,231       (11,231)       (25,000)       -       -         Adjustment for Events Beyond Control       Image: Control of the control of th	2022 Surplus Applied to 2023													
Net Surplus Adjustments         (31,837)         3,280         2,473         (3,394)         5,416         24,062         -         -         36,231         (11,231)         (25,000)         -         -           Adjustment for Events Beyond Control         -         -         -         36,231         (11,231)         (25,000)         -         -         -	2023 Surplus Applied to 2022													
Adjustment for Events Beyond Control	2023 Surplus Applied to 2024						***************************************							
	Net Surplus Adjustments	(31,837)	3,280	2,473	(3,394)	5,416	24,062	-	-	36,231	(11,231)	(25,000)	-	-
Contribution to RCW 19.285 Compliance - 31,837 28,557 26,084 29,478 53,149 25,507 26,729 47,404 27,956 13,642 30,827 33,979	<b>Adjustment for Events Beyond Control</b>													
	Contribution to RCW 19.285 Compliance	_	31,837	28,557	26,084	29,478	53,149	25,507	26,729	47,404	27,956	13,642	30,827	33,979

Facility Name:	Marengo II													
MWh Allocated to WA Compliance	e	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased		194,378	177,552	154,612	174,766	137,848	170,369	153,361	164,436	91,366	211,675	247,430	196,630	232,248
Percent of MWh Qualifying Unde		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Alloc		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW		15,341	14,137	12,175	14,022	11,102	13,918	12,396	13,065	7,010	17,203	19,720	15,483	18,210
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit	Γ	-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	_
Total Quantity from Non REC Eli	igible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred	•													
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrea	alized	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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				-			`	`	`	`	`	`	Ì	
2014 Surplus Applied to 2015					14,022	14,022					70			
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											11,418	11,418		
2021 Surplus Applied to 2020 2021 Surplus Applied to 2022	H										11,410	11,410		
2021 Surplus Applied to 2022 2022 Surplus Applied to 2021														
2022 Surplus Applied to 2023	-													
2022 Surplus Applied to 2023 2023 Surplus Applied to 2022	H													
2023 Surplus Applied to 2024														
Net Surplus Adjustments	_	(15,341)	1,204	1,962	(1,847)	2,920	11,102	-	-	-	11,418	(11,418)	-	-
Adjustment for Events Beyond C	Control													
Contribution to RCW 19.285 Comp	oliance	-	15,341	14,137	12,175	14,022	25,020	12,396	13,065	7,010	28,621	8,302	15,483	18,210
				/	,	,		,	==/000	-,			==7.55	

Facility Name:	IcFadden Ridge	e												
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from McFadde	n Ridge											102,523	115,716	103,546
Percent of MWh Qualifying Under RCW 19.285												100%	100%	100%
Percent of Qualifying MWh Allocated to WA												8%	8%	8%
Eligible MWh Available for RCW 19.285 Complia	ince	-	-	-	-	-	-	-	-	-	-	8,170	9,111	8,119
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Generation	n	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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	, manager													
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	-										-			
2019 Surplus Applied to 2019											-			
2020 Surplus Applied to 2021										<u>-</u>		-		
2021 Surplus Applied to 2020	-											_		
2021 Surplus Applied to 2022	-manus											_	-	
2022 Surplus Applied to 2021												_	-	
2022 Surplus Applied to 2023													-	-
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024								-						-
Net Surplus Adjustments	_	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control	Г													
·	_													

8,119

9,111

Facility Name: Meadow Creel	k Wind Farm - Fiv	e Pine Project -	REC Only										
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Meadow Creek Wind Farm -	Five Pine Project - REC C	nly				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	2023
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	2023
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	2023
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						29,719	29,719						
2016 Surplus Applied to 2017 2017 Surplus Applied to 2016						29,719	29,719						
2017 Surplus Applied to 2018													
Only Net Surplus Adjustments	<u>-</u>	-	-	-	-	(29,719)	29,719	-	-	<u> </u>	-	-	-
Adjustment for Events Beyond Control													
Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	29,719	-	-	-	-	-	-

Facility Name: Meadow Creek	Wind Farm - No	rth Point Wind I	Farm - REC Only										
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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	2023
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	2023
2011 Surplus Applied to 2012		-	The state of the s										
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						2,644	2,644						
2017 Surplus Applied to 2016													
2017 Surplus Applied to 2018													
n - REC On Net Surplus Adjustments	-	-	-	-	-	(2,644)	2,644	-	-	-	-	-	-
Adjustment for Events Beyond Control						**************************************							
Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	2,644	-	-	-	-	-	-

Facility Name:	Mountain Wi	nd I												
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from N	Mountain Wind I	2011	2012	2010	2011	2010	2010	2017	2010	2017	2020	158,073	-	-
Percent of MWh Qualifying Under RCW 1												100%	100%	100%
Percent of Qualifying MWh Allocated to V												0%	0%	0%
Eligible MWh Available for RCW 19.28		-	-	-	-	- '	-	-	-	-	-	-	-	-
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
Quantity of RECs Sold							-							
Bonus Incentives Transferred														
<b>Bonus Incentives Not Realized</b>														
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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													-	-
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024  Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Contro	1													
Contribution to RCW 19.285 Complian	ıce	-	-	-	-	-	-	-	-	-	-	-	-	-
1														

Facility Name: Mountain W	ind II	]											
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Mountain 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	-	-	-	-	-	-	-	-	-	-	204,398 100% 0%	100%	100%
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	2023 - - -
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	2023
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 2015 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016 2016 Surplus Applied to 2017 2017 Surplus Applied to 2017 2017 Surplus Applied to 2017 2018 Surplus Applied to 2018 2018 Surplus Applied to 2019 2019 Surplus Applied to 2019 2019 Surplus Applied to 2020 2020 Surplus Applied to 2020 2020 Surplus Applied to 2021 2021 Surplus Applied to 2021 2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments	-			-				-	-		2021		2023
Adjustment for Events Beyond Control					-		_	_	-	-	-		-
Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	-	-	-

Nine Canyon Wind Project - REC Only **Facility Name: MWh Allocated to WA Compliance** 2012 2013 2015 2016 2017 2020 2011 2014 2018 2019 2021 2022 2023 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 2015 2019 2020 2011 2012 2013 2014 2016 2017 2018 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2011 2019 2020 2012 2013 2014 2015 2016 2017 2018 2021 2022 2023 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized Adjustments 2013 2015 2017 2019 2020 2011 2012 2014 2016 2018 2021 2022 2023 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 2,500 2,500 2016 Surplus Applied to 2015 8,225 2016 Surplus Applied to 2017 8,225 2017 Surplus Applied to 2016 2017 Surplus Applied to 2018 (2,500) (5,725) 8,225 Net Surplus Adjustments **Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 2,500 8,225

Facility Name:	Nine Canyon Wind	Project - Nir	ne Canyon Phase	e 3 - REC Only										
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Nir	ne Canyon Wind Project - <mark>Nine C</mark>	Canyon Phase 3 - R	EC Only				4,668							
Percent of MWh Qualifying Under RCW 19	9.285						100%							
Percent of Qualifying MWh Allocated to W	/A						100%							
Eligible MWh Available for RCW 19.285 Co	Compliance	-	-	-	-	-	4,668	-	-	-	-	-	-	-
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Gen	neration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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							4,668	4,668						
2016 Surplus Applied to 2017							4,008	4,008						
2017 Surplus Applied to 2016 2017 Surplus Applied to 2018														
REC Only Net Surplus Adjustments		<u>-</u>	-	-	-	<u>-</u>	(4,668)	4,668	-	-	-		-	
ALCOMY Met Surplus Aujustinents		_	_	_	_	_	(4,000)	7,000	_	_	_	_	_	_
Adjustment for Events Beyond Control			_											

Facility Name:	Pavant Solar													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased	from Pavant Solar			The second secon	The second secon	1,391	109,951	118,002	121,657	110,948	119,320	108,767	102,006	112,824
Percent of MWh Qualifying Under	RCW 19.285						100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Alloca	ted to WA					23%	23%	22%	22%	22%	22%	22%	22%	22%
Eligible MWh Available for RCW 1	19.285 Compliance	-	-	-	-	316	25,003	26,549	26,773	24,671	26,670	24,308	22,259	24,291
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Elig	ible Generation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold				The state of the s	The state of the s		and the second s							
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unreali	ized	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-	The state of the s	No.		Manage of the second				en e			
2012 Surplus Applied to 2011		-												
2012 Surplus Applied to 2013			-	-	A province of the second of th		***************************************				A constant of the constant of			
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						316	316							
2016 Surplus Applied to 2015						-								
2016 Surplus Applied to 2017							25,003	25,003						
2017 Surplus Applied to 2016							-							
2017 Surplus Applied to 2018								26,549	26,549					
2018 Surplus Applied to 2017									26.772	26.772				
2018 Surplus Applied to 2019				on the second se	en e				26,773	26,773				
2019 Surplus Applied to 2018														
2019 Surplus Applied to 2020 2020 Surplus Applied to 2019										16,956	16,956			
2020 Surplus Applied to 2019 2020 Surplus Applied to 2021										10,930	10,930	-		
2021 Surplus Applied to 2021				3							-			
2021 Surplus Applied to 2022												_	-	
2022 Surplus Applied to 2021				2								_	-	
2022 Surplus Applied to 2023														-
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024				The state of the s	and the second s						***************************************			_
Net Surplus Adjustments		-	-	-	-	(316)	(24,687)	(1,546)	(224)	43,729	(16,956)	-	-	-
Adjustment for Events Beyond Co	ontrol						**************************************							
Contribution to RCW 19.285 Compl	liance	-	-	-	-	-	316	25,003	26,549	68,400	9,714	24,308	22,259	24,291

Total MWh Produced / Purchased from Pavant Solar II	Facility Name:	Pavant Sola	ır II												
Person of Marth Cyclathige, March 2019 19328 (Aprillation 1932)  Former of Agringing March Allowards in Park 1973 (Singulation 1932)  Former of Agringing March Allowards in Park 1973 (Singulation 1932)  Former of Agringing March Allowards in Park 1973 (Singulation 1932)  Former of Agringing March Allowards in Park 1973 (Singulation 1932)  Former of March 1973 (Singulation 1933)  Former of March 1973 (Si	MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
### Advanced to NAM Advanced to NAM Control to NAM Advanced to	Percent of MWh Qualifying Under RCW 19.285												118,178		
Non REC Eligible Contraction    2012   2013   2014   2015   2014   2015   2014   2017   2018   2019   2019   2010   2012   2013   2014   2015   2015   2015   2016   2017   2018   2018													100%	100%	
Von REC Eligible Generation   2011   2012   2013   2014   2015   2016   2017   2018   2019   2018   2021   2022   2023   2014   2015   2016   2017   2018   2019   2018   2019   2018   2019   2018   2019   2018   2019	Percent of Qualifying MWh Allocate	d to WA											0%	0%	
Dischard Generation Dischard Control Quantity from you NEX Disclabe Generation	Eligible MWh Available for RCW	9.285 Compliance	-	-	-	-	-	-	-	-	-	-	-	-	
Error Approximation	Ion REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	202
Description flowers				-	-		-	-	-	_		-	and the second s		
## Cales   Transfers   2011   2012   2013   2014   2015   2016   2017   2018   2019   2020   2021   2022			-	-	-	-	-	-	-	-	-	-	-	-	
Quantity of BEC Solid   Sonis Increditive Transferred   Brans Frozenitive Na Residence   Brans Fr		ible Generation	-	-	-	-	-	-	-	-	-	-	-	-	
Quantity of RCC 508d Books Interestives Transferred flums Interviews National Transferred flums Interviews National State of the Residue of Transferred flums Interviews National State of Transferred flums Interviews National State of Transferred flums Interviews National National State of Transferred flums Interviews National	REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	202
Beaus Incentives Transferred   Disors Incentives Not Residered	•		2011	2012	2013	2011	2013	2010	2017	2010	2017	2020	2021	2022	202
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2023 Surplus Applied to 2024 Net Surplus Adjustments															
Net Surplus Adjustments														<b>-</b>	
Adjustment for Events Beyond Control			-	-	-	-	-	-	-	-	-	-	-	-	
	Adjustment for Events Bevond Co	ontrol							Management of the Control of the Con						
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Facility Name:	Pioneer Wind Park													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Pi	oneer Wind Park											243,192		
Percent of MWh Qualifying Under RCW 19												100%	100%	100
Percent of Qualifying MWh Allocated to W												0%	0%	
Eligible MWh Available for RCW 19.285		-	-	-	-	-	-	-	-	-	-	-	-	-
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	
Distributed Generation Bonus		-	-	-	-	-	-	-	_	-	-	-	-	_
Total Quantity from Non REC Eligible G	eneration	-	- 1	-	-	-	-	<u> </u>	-	- -	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold		2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	2022	2023
Bonus Incentives Transferred														
Bonus Incentives Transferred Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealized		-	-	-	_	-	-	-	-	-	-	-	-	-
Total Solu / Transferreu / Onreanzeu		-	-	•	-	-	-	-	•	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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				-										
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2015 Surplus Applied to 2016						-	-							
2016 Surplus Applied to 2015				version of the second of the s										
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2021 Surplus Applied to 2020												-		
2021 Surplus Applied to 2022												-	-	
2022 Surplus Applied to 2021												-	-	
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2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024				vereneenee										-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control							West of the second of the seco							
Contribution to RCW 19.285 Complian	30	-	-	_	-	-	_			-	_	_		_

Prospect 2 (Upgrade 1999) **Facility Name: MWh Allocated to WA Compliance** 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Total MWh Produced / Purchased from Prospect 2 (Upgrade 1999) 4,118 3,469 4,030 2,946 3,722 2,802 4,305 3,347 3,213 2,573 2,714 1,592 100% 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% 125 Eligible MWh Available for RCW 19.285 Compliance 328 293 278 226 329 346 266 247 239 205 214 Non REC Eligible Generation 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2011 2012 2013 2015 2016 2017 2018 2019 2020 2021 2022 2023 2014 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 2023 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 2023 Surplus Applied to 2022 -2023 Surplus Applied to 2024 Net Surplus Adjustments Adjustment for Events Beyond Control

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Facility Name:	Rock River													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Rock	Divor	2011	2012	2013	2014	2013	2010	2017	2016	2019	2020			
Percent of MWh Qualifying Under RCW 19.28												108,381 100%	100%	100%
Percent of Qualifying MWh Allocated to WA												8%	8%	100% 8%
Eligible MWh Available for RCW 19.285 Com	nnliance L		-	-	-	-	-	-	-	-	-	8,638	-	-
Eligible WWW Available for New 15.205 com	ipiianee											3,030		
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	_	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	_	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Genera	ation L	-	-	-	-	-	-	-	-	-	-	-	-	-
<b></b>														
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred	-													
Bonus Incentives Not Realized	•													
Total Sold / Transferred / Unrealized	•	-	-	-	-	-	-	-	-	-	-	-	-	-
A discolute a rate		2244	2242		2011	2015	2015	2247	2242		2022	2024		
Adjustments	Г	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012	-		-											
2012 Surplus Applied to 2011		-									and			
2012 Surplus Applied to 2013	•		-	-										
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2015 Surplus Applied to 2014	-				-	-								
2015 Surplus Applied to 2014 2015 Surplus Applied to 2016						_	_				900			
2016 Surplus Applied to 2015	•					_								
2016 Surplus Applied to 2017							-	-						
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2022 Surplus Applied to 2021												-	-	
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2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024														-
Net Surplus Adjustments	•	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control	Г													
Aujustinent for Events Deyona Control														
	Г						T I				- Control of the Cont			

Facility Name:	Rolling Hills													
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Rolli	ng Hills					5,468					363,208	296,559	286,356	314,505
Percent of MWh Qualifying Under RCW 19.2						100%					100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA						8%					8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Cor		-	-	-	-	5,468	-	-	-	-	29,517	23,635	22,548	24,660
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Gener	ration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
2011 Surplus Applied to 2012		2011	-	2013	2011	1013	2010	2017	2010	2013	2020	2021	2022	2020
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	antiniananananan			-										
2014 Surplus Applied to 2015						-								
2015 Surplus Applied to 2014														
2015 Surplus Applied to 2016	Commonwealth and the second and the					5,468	5,468							
2016 Surplus Applied to 2015														
2016 Surplus Applied to 2017							-	-						
2017 Surplus Applied to 2016	Companies and the second and the sec													
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	очниничения												-	
2022 Surplus Applied to 2021	Commissioners											-	-	
2022 Surplus Applied to 2023	Commission of the Commission o												-	-
2023 Surplus Applied to 2022	***************************************												-	-
2023 Surplus Applied to 2024														-
Net Surplus Adjustments		-	-	<del>-</del>	-	(5,468)	5,468	-	-	-	-	-	-	-
Adjustment for Events Beyond Control														
Contribution to DCM/10 205 Compliance							F 460				20.547	22 525	22.540	24.660
Contribution to RCW 19.285 Compliance		-	-	-	-	-	5,468	-	-	-	29,517	23,635	22,548	24,660

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Facility Name:	Cogo Colon I													
Facility Name:	Sage Solar I													
MWh Allocated to WA Compliance	_	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Sag												40,662	1000/	4.0007
Percent of MWh Qualifying Under RCW 19. Percent of Qualifying MWh Allocated to WA												100%	100%	100%
Eligible MWh Available for RCW 19.285		-	-	-	-	-	-	-	-	- '	-	-	-	-
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	L	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Ge	eneration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers	_	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
2011 Surplus Applied to 2012			-											
2012 Surplus Applied to 2011	L	-												
2012 Surplus Applied to 2013			-	-										
2013 Surplus Applied to 2012 2013 Surplus Applied to 2014	-		-											
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2014 Surplus Applied to 2015	••••				-	-								
2015 Surplus Applied to 2014														
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2017 Surplus Applied to 2018								-	-					
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2018 Surplus Applied to 2019	·									-				
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2019 Surplus Applied to 2020 2020 Surplus Applied to 2019										-	-			
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2021 Surplus Applied to 2020												-		
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2022 Surplus Applied to 2021												-	-	
2022 Surplus Applied to 2023 2023 Surplus Applied to 2022	· · · · · · · · · · · · · · · · · · ·												-	_
2023 Surplus Applied to 2022 2023 Surplus Applied to 2024	Accessed to the second												-	-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control														
Contribution to DCW 10 205 Complians	- -													
Contribution to RCW 19.285 Compliance	.e	-	-	-	-	-	-	-	-	-	-	-	-	-

Facility Name:	Sage Solar II													
-														
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from S												40,325	1.0.004	10001
Percent of MWh Qualifying Under RCW 1												100%	100%	100%
Percent of Qualifying MWh Allocated to V Eligible MWh Available for RCW 19.28		-	-	-	-	-	-	-	-	-	-	0%	0% -	<u>0%</u> -
Non REC Eligible Generation	_	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	Companies	-	-	-	- 1	-	- ****	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible (	<b>Generation</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized							- The second							
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-		***************************************									
2012 Surplus Applied to 2011		-												
2012 Surplus Applied to 2013			-	-	and the second s									
2013 Surplus Applied to 2012			-											
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2023 Surplus Applied to 2022													-	_
2023 Surplus Applied to 2024					инспинанальна									-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control	ı								-					
Contribution to DCM 10 205 Committee														
Contribution to RCW 19.285 Complian		-	-	-	•	•	-	-	-	-	-	-	-	-

Facility Name: Sa	ige Solar III	J											
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Sage So	olar III										39,909		
Percent of MWh Qualifying Under RCW 19.285											100%		
Percent of Qualifying MWh Allocated to WA											0%	0%	0
Eligible MWh Available for RCW 19.285 Com	ipliance -	-	-	-	-	-	-	-	-	-	-	-	-
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Genera	ation -	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold				2011	2010	2010	2017	2010	2017				
Bonus Incentives Transferred													
Bonus Incentives Not Realized													
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012	2011	-	2010	2011	2013	2010	2017	2010	2017			2022	2020
2012 Surplus Applied to 2011	-				***************************************								
2012 Surplus Applied to 2013		-	-										
2013 Surplus Applied to 2012		-											
2013 Surplus Applied to 2014			-	-									
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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													/
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2019 Surplus Applied to 2020										-			<u></u>
2020 Surplus Applied to 2019									_	_			/
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2021 Surplus Applied to 2020											-		
2021 Surplus Applied to 2022											-	-	
2022 Surplus Applied to 2021											-	-	
2022 Surplus Applied to 2023												-	-
2023 Surplus Applied to 2022												-	-
2023 Surplus Applied to 2024													-
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control						_							
Contribution to RCW 19.285 Compliance	<u>-</u>	_	_	_	_	_	<u>-</u>	_	-	_	_	-	_

Manufaction	Facility Name:	Seven Mile Hil	11 1												
Page	MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
## Control Con		m Seven Mile Hill I							-						
Provide of Capaling And Antonion (1992)   1982									100%						
March Recomplished community on the Child Controll Control C								<del></del>						<u></u>	
First Agent Versile (Certal Control on Care Light Generation 1			-	-	-	-	- '		- '	11,844			31,592		31,343
First Agent Versile (Certal Control on Care Light Generation 1	Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Description for Part Engine Generation Part   Par											1				
REC Sales / Transfers  Summit we find. Sale for the find of the fi					-		-						_		
Country of PET-SORI   Stront incretives York Realized		Generation	-		-	-	-	-	-	-	-	-	-	i	
Country of PET-SORI   Stront incretives York Realized	REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bonus incominents from Failabeld from in forcine Note Fail Failabeld from in forcine Note Failabeld from in forcine Note Fail Failabeld from in forcine Note Failabeld from in forcine Not			2011	2012	2010	2021	2013	2010	2017		1013	2020		2022	2020
Total Sorger Agriculture (Juveniture)  Adjustments  2011 2012 2013 2024 2015 2015 2017 2018 2019 2020 2021 2022 2023  2015 Supplie Agriculture (Juveniture)  2015 Supplie Agriculture)  2015 Supplie Agriculture (Juveniture)  2015 Supplie Agriculture)  2015 Supplie Agricultur	·														
Total Sold / Transferred / Unrealized  Adjustments  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2023 2023  2015 Suption Applied to 2021  2015 Suption Applied to 2023  2025 Sup															
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201.5 Luphus Applied to 2011 201.2 Surplus Applied to 2011 201.2 Surplus Applied to 2011 201.3 Surplus Applied to 2011 201.3 Surplus Applied to 2011 201.3 Surplus Applied to 2011 201.5 Surplus Applied to 2015 201.5 Surplus Applied to 2017 201.5 S	Adiustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2012 Surplus Applied to 2013 2013 Surplus Applied to 2013 2013 Surplus Applied to 2014 2014 Surplus Applied to 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2015 2017 Surplus Applied to 2015 2017 Surplus Applied to 2015 2017 Surplus Applied to 2015 2018 Surplus Applied to 2015 2018 Surplus Applied to 2015 2018 Surplus Applied to 2015 2019 Surplus Applied to 2015 2019 Surplus Applied to 2015 2019 Surplus Applied to 2015 2010 Surplus Applied to 2019 2012 Surplus Applied to 2020 2015 Surplus App						-						-		-	
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2018 Surplus Applied to 2017 2018 Surplus Applied to 2019 2019 Surplus Applied to 2018 2019 Surplus Applied to 2020 2020 Surplus Applied to 2020 2020 Surplus Applied to 2019 2020 Surplus Applied to 2021 2021 Surplus Applied to 2021 2021 Surplus Applied to 2022 2021 Surplus Applied to 2022 2022 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2029 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2029 Surplus Applied to 2024 2020 Surplus Applied to 2024 2021 Surplus Applied to 2024 2022 Surplus Applied to 2024 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2029 Surplus Applied to 2024 2020 Surplus Applied to 2024 2021 Surplus Applied to 2024 2022 Surplus Applied to 2024 2023 Surplus Applied to 2024 2024 Surplus Applied to 2024 2025 Surplus Applied to 2024 2026 Surplus Applied to 2024 2027 Surplus Applied to 2024 2028 Surplus Applied to 2024 2029 Surplus Applied to 2024 2029 Surplus Applied to 2025 2020 Surplus Applied to 2025 2021 Surplus Applied to 2025 2022 Surplus Applied to 2025 2023 Surplus Applied to 2025 2024 Surplus Applied to 2025 2025 Surplus Applied to 2025 2026 Surplus Applied to 2025 2027 Surplus Applied to 2025 2028 Surplus Applied to 2025 2029 Surplus Applied to 2025 2029 Surplus Applied to 2025 2020 Surplus Applied to 2025 2020 Surplus Applied to 2025 2020 Surplus Applied to 2025 2021 Surplus Applied to 2025 2022 Surplus Applied to 2025 2023 Surplus Applied to 2025 2024 Surplus Applied to 2025 2025 Surplus Applied to 2025 2026 Surplus App	2017 Surplus Applied to 2016														
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2021 Surplus Applied to 2020 2021 Surplus Applied to 2022 2022 Surplus Applied to 2021 2022 Surplus Applied to 2021 2023 Surplus Applied to 2023 2023 Surplus Applied to 2022 2023 Surplus Applied to 2022 2023 Surplus Applied to 2024 Net Surplus Adjustments  Adjustment for Events Beyond Control												-			
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Adjustment for Events Beyond Control								(4.050)	4.0=0				and the second		
	Net Surplus Adjustments		<u> </u>	<u>-</u>	<del>-</del>	<u> </u>	<u>-</u>	(4,353)	4,353	<u>-</u>	-	<b>-</b>	<u>-</u>	<u>-</u>	<u>-</u>
Contribution to RCW 19.285 Compliance 4,353 11,844 13,500 34,771 31,592 32,525 31,343	Adjustment for Events Beyond Contr	rol													
	Contribution to RCW 19.285 Complian	ice	-	-	-	-	-	-	4,353	11,844	13,500	34,771	31,592	32,525	31,343

Facility Name:	Seven Mile Hill II													
MWh Allocated to WA Compliance	201:	1 20	)12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Se												82,266	86,843	81,475
Percent of MWh Qualifying Under RCW 19												100%	100%	100%
Percent of Qualifying MWh Allocated to W	'A											8%	8%	8%
Eligible MWh Available for RCW 19.285 C	ompliance	-	-	-	-	-		-		-	-	6,557	6,838	6,388
Non REC Eligible Generation	201:	1 20	)12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Ger	eration	-	- '	-	-	-	-	-	-	-	-	-	- '	-
REC Sales / Transfers	201:	1 20	)12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred														
Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealized		-	- '	-	- '	-	-	-	-	-	-	-	-	-
Adjustments	201:	1 20	)12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012			-								The control of the co			
2012 Surplus Applied to 2011		-			A CONTRACTOR OF THE CONTRACTOR									
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														
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													-	-
2023 Surplus Applied to 2022													-	_
2023 Surplus Applied to 2024														-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Adjustment for Events Beyond Control</b>														
Contribution to RCW 19.285 Compliance		-	-	-	-	-	<u>-</u>	-	-	-	_	6,557	6,838	6,388
23piidilee												0,007	3,030	3,300

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SPI Aberdeen - REC Only **Facility Name: MWh Allocated to WA Compliance** 2011 2012 2017 2020 2022 2013 2014 2015 2016 2018 2019 2021 2023 Total MWh Produced / Purchased from SPI Aberdeen - REC Only 40,000 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 40,000 Non REC Eligible Generation 2014 2015 2017 2020 2011 2012 2013 2016 2018 2019 2021 2022 2023 Extra Apprenticeship Credit Distributed Generation Bonus **Total Quantity from Non REC Eligible Generation REC Sales / Transfers** 2011 2018 2019 2020 2021 2022 2023 2012 2013 2014 2015 2016 2017 Quantity of RECs Sold **Bonus Incentives Transferred** Bonus Incentives Not Realized Total Sold / Transferred / Unrealized Adjustments 2013 2015 2017 2019 2020 2011 2012 2014 2016 2018 2021 2022 2023 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 Adjustment for Events Beyond Control Contribution to RCW 19.285 Compliance** 40,000 - |

Facility Name: Stateline (WA)	- FPL Energy Van	sycle LLC - REC C	Only										
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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	2023
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	2023
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						12.046	12.046						
2016 Surplus Applied to 2017						12,946	12,946						
2017 Surplus Applied to 2016													
2017 Surplus Applied to 2018  / Net Surplus Adjustments	_	_	-	-	-	(12,946)	12,946	-	-	-		-	-
net surplus Aujustinents	-	-	-	-	-	(12,940)	12,940	-	-	-	-	-	-
Adjustment for Events Beyond Control													
Contribution to RCW 19.285 Compliance													

Total MWh Produced / Purchased from Sweeth Percent of MWh Qualifying Under RCW 19.285 Percent of Qualifying MWh Allocated to WA Eligible MWh Available for RCW 19.285 Control REC Eligible Generation  Extra Apprenticeship Credit Distributed Generation Bonus  Total Quantity from Non REC Eligible Generation Bonus  Total Quantity from Non REC Eligible Generation Bonus Incentives Transferred Bonus Incentives Transferred Bonus Incentives Not Realized  Total Sold / Transferred / Unrealized  Ijustments  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 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016	5 mpliance 20	- 11 -   -   -	2012	2013 2013	2014	2015	2016	2017	2018	2019 -	2020	2021 179,694 100% 0% - 2021	2022 100% 0% -	2023 100° 0° -
Percent of MWh Qualifying Under RCW 19.285 Percent of Qualifying MWh Allocated to WA Eligible MWh Available for RCW 19.285 Con On REC Eligible Generation Extra Apprenticeship Credit Distributed Generation Bonus Total Quantity from Non REC Eligible Gener EC Sales / Transfers Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  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 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016	mpliance  20  ration  20		2012	2013	2014	-	2016	-	2018	2019		100% 0% - 2021	2022	- -
Percent of Qualifying MWh Allocated to WA Eligible MWh Available for RCW 19.285 Con On REC Eligible Generation Extra Apprenticeship Credit Distributed Generation Bonus Total Quantity from Non REC Eligible Gener EC Sales / Transfers Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  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 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016	ration 20		2012	2013	2014	-	2016	-	2018	2019		2021	2022	-
Eligible MWh Available for RCW 19.285 Con  On REC Eligible Generation  Extra Apprenticeship Credit  Distributed Generation Bonus  Total Quantity from Non REC Eligible Gener  EC Sales / Transfers  Quantity of RECs Sold  Bonus Incentives Transferred  Bonus Incentives Not Realized  Total Sold / Transferred / Unrealized  Ijustments  2011 Surplus Applied to 2012  2012 Surplus Applied to 2011  2012 Surplus Applied to 2013  2013 Surplus Applied to 2014  2014 Surplus Applied to 2014  2014 Surplus Applied to 2015  2015 Surplus Applied to 2014  2015 Surplus Applied to 2016  2016 Surplus Applied to 2016	ration 20		2012	2013	2014	-	2016	-	2018	2019		2021	2022	-
Extra Apprenticeship Credit Distributed Generation Bonus Total Quantity from Non REC Eligible Gener  EC Sales / Transfers Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  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 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2015 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016	ration 20		2012	2013	2014	-	2016	-	2018	2019		2021	2022	2023
Extra Apprenticeship Credit Distributed Generation Bonus Total Quantity from Non REC Eligible Gener EC Sales / Transfers Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  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 2016	ration 20		- - -			-	-	-						2023
Distributed Generation Bonus Total Quantity from Non REC Eligible Gener EC Sales / Transfers Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments 2011 Surplus Applied to 2012 2012 Surplus Applied to 2011 2012 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2014 Surplus Applied to 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016	20	- 11	-	-			-		-	-	-	_		
Total Quantity from Non REC Eligible General EC Sales / Transfers Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  2011 Surplus Applied to 2012 2012 Surplus Applied to 2011 2012 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2014 Surplus Applied to 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2016	20	11	- '	- '	-	-		_					-	-
Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  2011 Surplus Applied to 2012 2012 Surplus Applied to 2011 2012 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2014 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 2016	20	11				-	-	_	-	-	-	-	-	-
Quantity of RECs Sold Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  2011 Surplus Applied to 2012 2012 Surplus Applied to 2011 2012 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2014 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 2016			2012	2013	2014			-	-	-	-	-	-	-
Bonus Incentives Transferred Bonus Incentives Not Realized Total Sold / Transferred / Unrealized  Ijustments  2011 Surplus Applied to 2012 2012 Surplus Applied to 2011 2012 Surplus Applied to 2013 2013 Surplus Applied to 2012 2013 Surplus Applied to 2012 2014 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 2016	20	-			=	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bonus Incentives Not Realized  Total Sold / Transferred / Unrealized  Ijustments  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 2014 2014 Surplus Applied to 2015 2015 Surplus Applied to 2014 2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2015	20	-												
Ijustments  2011 Surplus Applied to 2012 2012 Surplus Applied to 2011 2012 Surplus Applied to 2013 2013 Surplus Applied to 2012 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 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2015	20	-												
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 2014 2016 Surplus Applied to 2016	20	-												
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	20		-	-	-	-	-	-	-	-	-	-	-	-
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		11	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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			-											
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		-												
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			-	-										
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			-											
2014 Surplus Applied to 2015 2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2015				-	-									
2015 Surplus Applied to 2014 2015 Surplus Applied to 2016 2016 Surplus Applied to 2015				-										
2015 Surplus Applied to 2016 2016 Surplus Applied to 2015					-	-								
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 2021 2021 Surplus Applied to 2020														
2021 Surplus Applied to 2022												_	-	
2022 Surplus Applied to 2021												-	-	
2022 Surplus Applied to 2023													-	-
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024														-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	•	-	-
Adjustment for Events Beyond Control										_				
ntribution to RCW 19.285 Compliance												1		

Facility Name:	Top of the Wo	orld												
MWh Allocated to WA Compliance		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from To	o of the World					570,069	651,049	611,543	532,188	263,927	519,246	392,340	394,510	541,791
Percent of MWh Qualifying Under RCW 19						100%	100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to W		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Eligible MWh Available for RCW 19.285 Co		-	-	- '	-	45,911	53,189	49,434	42,284	20,250	42,198	31,268	31,063	42,480
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	
Total Quantity from Non REC Eligible Gen	eration	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold		2011	2012	2013	2014	2013	2010	2017	2016	2019	2020	2021	2022	2023
Bonus Incentives Transferred														
Bonus Incentives Transferred  Bonus Incentives Not Realized														
Total Sold / Transferred / Unrealized		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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						45,911	45,911							
2016 Surplus Applied to 2015														
2016 Surplus Applied to 2017							53,189	53,189						
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				William Control of the Control of th										
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				100 mg								-	-	
2022 Surplus Applied to 2021													-	_
2022 Surplus Applied to 2023													-	-
2023 Surplus Applied to 2022														-
2023 Surplus Applied to 2024												-	-	-
Net Surplus Adjustments		-	-	-	-	(45,911)	(7,278)	53,189	-	-	-	-	-	-
Adjustment for Events Beyond Control									***************************************					
Contribution to RCW 19.285 Compliance		-	-	-	-	-	45,911	102,623	42,284	20,250	42,198	31,268	31,063	42,480
•				1										

Facility Name: TB Flats Wind	d I	]											
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from TB Flats Wind I											764,615	874,045	823,547
Percent of MWh Qualifying Under RCW 19.285											100%	100%	100%
Percent of Qualifying MWh Allocated to WA						The second secon					8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	60,938	68,821	64,572
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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	2023
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						1			-	-			
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													-
2023 Surplus Applied to 2022													
2023 Surplus Applied to 2024				ченичения		***************************************							
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control						- Contraction of the Contraction							

68,821

64,572

Facility Name: TB Flats Wind	II	]											
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from TB Flats Wind II											315,288	614,941	704,290
Percent of MWh Qualifying Under RCW 19.285											100%	100%	100%
Percent of Qualifying MWh Allocated to WA						- Control of the Cont					8%	8%	8%
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-	-	25,128	48,420	55,222
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
Quantity of RECs Sold													
Bonus Incentives Transferred													
Bonus Incentives Not Realized						положения положе							
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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 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													
2023 Surplus Applied to 2022													_
2023 Surplus Applied to 2024													
Net Surplus Adjustments	_	-	-	-	-	-	-	-	<del>-</del>	-		-	-
Adjustment for Events Beyond Control						The state of the s							

25,128

48,420

55,222

Facility Name: *Tuana Sprin	gs - REC Only												
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
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	2023
2011 Surplus Applied to 2012		-	000000000000000000000000000000000000000										
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						and the second s							
Contribution to RCW 19.285 Compliance	_	12,253	43,002	41,752	_	-	_	_		_	_		-
				63 RECs from Power	County Wind Park So								

Facility Name: Wanapum	n (Upgrade)												
MWh Allocated to WA Compliance	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Wanapum (Upgrade)		8,509	8,015			and a second							
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	-	678	631	-	-	-	-	-	-	-	-	-	-
Non REC Eligible Generation	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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	2023
Quantity of RECs Sold	2011	2012	2013	2014	2013	2010	2017	2016	2019	2020	2021	2022	2023
Bonus Incentives Transferred													
Bonus Incentives Not Realized													
Total Sold / Transferred / Unrealized	_	_		_	-	_	_			-	_		_
Total Sold / Transferred / Officialized													
Adjustments	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
2011 Surplus Applied to 2012		-	TO CONTROL OF THE CON			-							
2012 Surplus Applied to 2011	-		On the second										
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			and an analysis of the second			and the second s							
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control													
Contribution to RCW 19.285 Compliance	-	678	631	-	-	-	-	-	-	-	-	-	-

\_\_\_\_\_\_

Facility Name:	Wolverine Cree	ek	]											
MWh Allocated to WA Compliance	-	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total MWh Produced / Purchased from Wolve												168,800	145,937	164,830
Percent of MWh Qualifying Under RCW 19.28	5											100%	100%	100%
Percent of Qualifying MWh Allocated to WA	<u>_</u>											8%	8%	8%
Eligible MWh Available for RCW 19.285 Com	pliance	-	-	-	-	-	-	-	-	-	-	13,452	11,491	12,924
Non REC Eligible Generation		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Extra Apprenticeship Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
Distributed Generation Bonus		-	-	-	-	-	-	-	-	-	-	-	-	-
Total Quantity from Non REC Eligible Genera	ation	-	-	-	-	-	-	-	-	-	-	-	-	-
REC Sales / Transfers		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Quantity of RECs Sold														
Bonus Incentives Transferred	-													
Bonus Incentives Not Realized	•													
Total Sold / Transferred / Unrealized	•	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustments	г	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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					Water and the state of the stat					-	-			
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	-												-	-
2023 Surplus Applied to 2022													-	-
2023 Surplus Applied to 2024	L													-
Net Surplus Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
Adjustment for Events Beyond Control	ſ							-						
-	-										1			

13,452

12,924

11,491

# Contribution to RCW 19.285 Compliance by Generation Type

Wind
Solar
Water (Incremental Hydro)
Biomass
Geothermal
Landfill Gas
Sewage Treatment Gas
Wave, Ocean, Tidal
Biodiesel Fuel

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
-	117,079	118,504	120,300	81,660	354,847	313,597	276,317	146,819	419,816	503,892	697,657	693,035
-	-	-	-	-	316	44,237	91,254	219,389	186,034	93,804	91,109	86,689
-	2,779	2,212	1,719	1,495	1,772	2,253	1,562	1,460	1,176	1,201	1,364	1,319
-	-	-	-	40,000	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	16,834	20,639	22,315
-	-	-	-	-	13,231	3,960	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

# **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.





550 Capitol St. NE Salem, OR 97301 Phone: 503-378-4040

Toll Free: 1-800-221-8035 FAX: 503-373-7806

www.oregon.gov/energy

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.

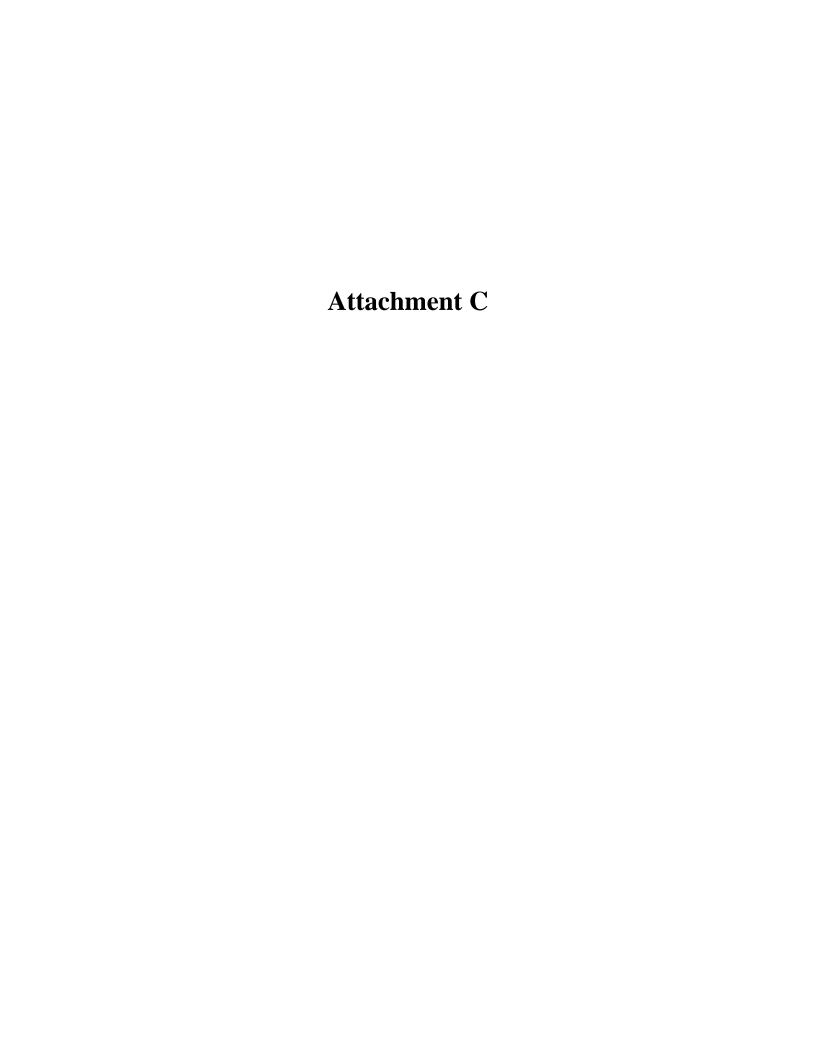
John Cornwell

WREGIS Program Administrator - Oregon

Oregon Department of Energy

550 Capital St NE

Salem, OR, 97301



### One Time Calculation of Incremental Cost for Each (All) Eligible Resource(s)

480-109-210(2)(a)(i) Utility must make a one-time calculation of incremental cost for each eligible resource at the time of acquisition or, for historic acquisitions, the best information available at the time of acquisition of noremental Cost:

Energy-Levelized Incremental Cost:

[Levelized Cost Eligible Renewable Resource – Levelized Cost Alternative]

Capacity-Levelized Incremental Cost:

[Levelized Cost Eligible Renewable Resource – Levelized Cost Alternative]

Energy + Capacity = Incremental Cost

			\$	Energy	Capacity	Capacity	\$	\$
	Incremental Levelized Cost	Levelized Cost Eligible	Total Annual Cost (\$)	Levelized Cost	Levelized Cost	Total Alternative Cost	Incremental Cost	Washington Shar
	(\$/REC/MWh)	Renewable Resource	***			(\$)	(\$)	(\$)
Resource		(\$/MWh)						
Adams Solar	1.40	_	-	-	-		-	
Bear Creek Solar	1.40	-	-	-	-			
Bigfork	(19.34)	27.31	\$61.588.09	35.52	11.13	\$105,196.07	(43,608)	
Blundell <sup>1</sup>	(======	-	-	-	-	-	(10,000)	
Blundell II	(63.54)	30.12	2,819,202	-	-	-	2,819,202	
Bly Solar	1.40		2,013,202	-		-	2,013,202	
Campbell Hill - WIJAM (2021)	(35.51)	69.96	20,609,599	35.52	11.13	105,196	20,504,403	
Campbell Hill - WCA (2020)	18.22	-	20,003,333	-	- 11.15	103,130	20,304,403	
Cedar Springs Wind I	(32.08)	16.89	12,647,624	80.70	13.62	8,829,294	3,818,331	
Cedar Springs Wind II	33.48	1.85	1,288,231	-	- 13.02	0,023,234	1,288,231	
Cedar Springs Wind III	(31.82)	16.89	8,153,662	82.64	16.74	29,273,265	(21,119,602)	
Dunlap I - WIJAM (2021)	(23.52)	49.88	20,108,704	\$0.00	\$0.00	25,273,203	20,108,704	
Dunlap I - WCA (2021)	18.22	49.00	20,108,704	50.00	30.00	52,511,158.71	(52,511,159)	
Ekola Flats Wind	(40.57)	6.39	4,902,777	\$36.39	\$18.02	37,799,677	(32,896,900)	
Elbe Solar	(40.57)	6.39	4,902,777	\$36.39	\$18.02	23,515,342.02	(32,896,900)	
	1.40	-	-	57.78	13.59	28,774,506.73	(23,515,342)	
Enterprise								
Foote Creek I 1	(4.58)	- 50.03	- 10 004 340	- \$34.01	\$17.52	20 500 627	- (40.004.400)	
Glenrock I - WIJAM (2021)		59.03	19,684,219			39,568,627	(19,884,408)	
Glenrock I - WCA (2020)	18.22	-		-	-	-	-	
Glenrock III	(3.85)	59.45	7,645,460	\$0.00	\$0.00	-	7,645,460	
Goodnoe Hills	17.09	74.51	20,279,851	\$0.00	\$0.00	-	20,279,851	
High Plains	0.42	64.92	21,864,069	\$48.75	\$14.07	20,945,850	918,219	
IC Boyle (Upgrade 2005)	(66.44)	3.26	113,445	\$0.00	\$0.00	•	113,445	
Latigo Wind	(36.35)	63.91	10,292,323	48.71	13.66	8,020,204	2,272,119	
Leaning Juniper	18.28	77.53	21,752,206	\$45.94	11.49	15,628,690	6,123,516	-
Lemolo 1 (Upgrade 2003)	(45.23)	3.91	51,351	48.32	14.06	21,008,082	(20,956,731)	-
Lemolo 2 (Upgrade 2009)	(65.65)	51.48	885,532	39.00	28.09	2,336,870	(1,451,338)	
Marengo I	14.60	75.34	31,676,043	\$93.44	\$6.83	16,145,777	15,530,266	-
Marengo II	20.50	82.25	16,532,487	49.28	11.71	17,111,301	(578,814)	-
McFadden Ridge	(8.59)	56.80	5,432,069	\$37.76	\$11.37	645,674	4,786,395	
Mountain Wind 1	(13.30)	61.96	9,950,466	\$92.54	\$24.59	2,014,854	7,935,611	
Mountain Wind 2	(4.46)	70.58	15,470,418	\$46.99	\$12.53	25,020,676	(9,550,258)	
Pavant I	1.50	=	-	47.55	12.90	12,151,200	(12,151,200)	
Pavant Solar II LLC	(61.07)	48.80	6,099,573	\$48.31	\$14.81	6,037,066	62,507	
Pioneer Wind Park I LLC	(38.89)	63.91	18,007,725	65.86	9.40	12,085,736	5,921,989	
Prospect 2 (Upgrade 1999)	(40.27)	4.31	39,062	65.79	9.25	16,447,372	(16,408,310)	
Rock River I	11.72	48.51	7,052,295	\$0.00	\$0.00	1	7,052,295	
Rolling Hills	(8.81)	55.11	16,990,626	\$95.16	\$15.01	13,771,475	3,219,151	
Sage Solar I, LLC	(22.01)	47.54	2,106,878	95.46	7.34	28,963,702	(26,856,824)	
Sage Solar II, LLC	(23.88)	45.67	2,024,146	34.93	10.47	411,164	1,612,982	
Sage Solar III, LLC	(23.53)	47.51	1,749,290	33.81	3.47	5,419,860	(3,670,570)	
Seven Mile Hill I - WIJAM (2021)	(17.13)	46.98	17,170,798	\$48.70	\$14.26	19,410,266	(2,239,469)	
Seven Mile Hill I - WCA (2020)	18.22	-	-	27.87	33.56	2,722,784	(2,722,784)	
Seven Mile Hill II - WIJAM (2021)	(18.13)	46.35	3,400,013	\$27.87	\$33.56	2,722,784	677,229	
Seven Mile Hill II - WCA (2020)	18.22	-	-	27.87	34.82	2,308,186	(2,308,186)	
Sweetwater Solar, LLC	(45.77)	44.13	7,425,410	48.48	14.05	22,852,716	(15,427,305)	
Γορ of the World - WIJAM (2021)	(30.55)	69.94	41,834,485	-	-	-	41,834,485	
Top of the World - WCA (2020)	18.22	-	-	48.68	14.93	4,666,187.70	(4,666,188)	
TB Flats Wind I	(32.84)	18.42	18,860,759.46	-	-	-	18,860,759	
FB Flats Wind II	(38.33)	13.30	8,415,593.10	26.88	35.81	10,548,341.19	(2,132,748)	
Wolverine Creek	10.67	62.19	10,883,365.57	83.03	16.14	59,316,512.74	(48,433,147)	
	10.07	02.13	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	25.05	_0.14	,,,-	(,3,1-1)	
Total Renewable Resource Cost			178,446,620	0	0	-	2,847,269	

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 Metholdology (WCA)

Under the WCA, RECs from wind on PacificOrp's East side have an incremental cost equal to the weighted average incremental cost of west-side wind resources. Resources generated in 2021 - 2023 are allocated based on PacifiCorp's Washington Interjurisdictional Allocation Methodology (WIJAM) Under WIJAM, RECs from all resources have a standard incremental cost calculation.

1 WAC 480-109-210 (2)(G) - Legacy resources. Any eligible resource that the utility acquired prior to March 31, 1999, is deemed to have an incremental cost of zero.

<sup>2</sup> 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 PacifiCorp serves retail electrical customers.

PacifiCorp 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))

Washington Share	
2022 ALL RESOURCES	
TOTAL INCREMENTAL COST	
= ENERGY +	
CAPACITY	-

### 2022 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 <u>Annual Calculation</u> 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

	TARGET YEAR: ALL AV	AILABLE RESOURCES BASED OF	N ACTUAL RESULTS	TARGET YEAR:	TARGET YEAR: FORCAST SUBJECT TO C		
	sum of incremental costs of	RECs Generated or		sum of incremental		Revenue from REC	
Resource	all eligible resources	Purchased	Revenue from REC sales	costs of all eligible	RECs purchased	sales	
Adams Solar	6,742	4,816	0	3	·		
Bear Creek Solar	7,034	5,024	0				
Bigfork	(1,682)	87	0				
Blundell	0	14,117	0				
Blundell II	(414,423)	6,522	0				
Bly Solar	6,189	4,421	-				
Campbell Hill	(888,449)	25,017	0				
Cedar Springs Wind I	(2,073,875)	64,651	0				
Cedar Springs Wind II	1,591,183	47,520	0				
Cedar Springs Wind III	(1,423,741)	44,738	0				
Dunlap I	(870,012)	36,998	0				
Ekola Flats Wind	(3,184,081)	78,492	0				
Elbe Solar	6,857	4,898	0				
Enterprise	94,413	49,691	0				
Foote Creek I	0	16,437	0				
Glenrock I	(118,461)	25,869	0				
Glenrock III	(37,344)	9,694	0				
Goodnoe Hills	357,650	20,928	0				
High Plains	12,744	30,233	0				
JC Boyle (Upgrade 2005)	(10,896)	164	0				
Latigo Wind	0	0	0				
Leaning Juniper <sup>1</sup>	364,796	19,953	0				
Lemolo 1 (Upgrade 2003)	(37,631)	832	0				
Lemolo 2 (Upgrade 2009)	(4,399)	67	0				
Marengo I	450,191	30,827	0				
Marengo II	317,392	15,483	0				
McFadden Ridge	(78,255)	9,111	0				
Mountain Wind I	0	0	0				
Mountain Wind II	0	0	0				
Pavant I	33,389	22,259	0				
Pavant Solar II LLC	0	0	0				
Pioneer Wind Park I LLC	0	0	0				
Prospect 2 (Upgrade 1999)	(8,619)	214	0				
Rock River I	0	0	0				
Rolling Hills	(198,729)	22,548	0				
Sage Solar I, LLC	0	0	0				
Sage Solar II, LLC	0	0	0				
Sage Solar III, LLC	0	0	0				
Seven Mile Hill I	(557,197)	32,525	0				
Seven Mile Hill II	(123,986)	6,838	0	·	-	<u> </u>	
Sweetwater Solar, LLC	0	0	0				
TB Flats Wind I	(2,259,771)	68,821	0				
TB Flats Wind II	(1,856,043)	48,420	0				
Top of the World	(948,848)	31,063	0				
Wolverine Creek	122,586	11,491	0				
Total	(11,725,276)	810,769	0				
WA Share	(11,725,276)	810,769	0				

Annual Revenue Requirement (most recent rate case)		393,158,062		-
	CALCULATION 1 :	(11,725,276)	CALCULATION 2:	-
		-2.98%		

### 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 Metholdology (WCA)

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

Resources generated in 2021-2023 are allocated based on PacifiCorp's Washington Interjurisdictional Allocation Methodology (WIJAM)

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

PacifiCorp 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))

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

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

### 2023 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 <u>Annual Calculation</u> 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

	ALL A\	VAILABLE RESOURCES ESTIMA	TED	TARGET YEAR: BASED O	N EXPECTED COMPLIA	NCE RESOURCES
	sum of incremental costs of	RECs Generated or		sum of incremental costs of all		Revenue from RE
Resource	all eligible resources	Purchased	Revenue from REC sales	eligible resources	RECs purchased	sale
Adams Solar	6,096	4,354	0	6,096	4,354	
Bear Creek Solar	6,082	4,344	0	6,082	4,344	
Bigfork	(1,296)	67	0	(1,296)	67	
Blundell	0	15,646	0	0	15,646	
Blundell II	(423,764)	6,669	0	(423,764)	6,669	
Bly Solar	5,803	4,145	0	5,803	4,145	
Campbell Hill	(928,864)	26,155	0	(928,864)	26,155	
Cedar Springs Wind I	(1,939,789)	60,471	0	(1,939,789)	60,471	
Cedar Springs Wind II	1,933,897	57,755	0	1,933,897	57,755	
Cedar Springs Wind III	(1,276,842)	40,122	0	(1,276,842)	40,122	
Dunlap I	(760,572)	32,344	0	(760,572)	32,344	
Ekola Flats Wind	(2,561,317)	63,140	0	(2,561,317)	63,140	
Elbe Solar	6,084	4,346	0	6,084	4,346	
Enterprise	85,897	45,209	0	85,897	45,209	
Foote Creek I	0	11,509	0	0	11,509	
Glenrock I	(123,251)	26,915	0	(123,251)	26,915	
Glenrock III	(38,827)	10,079	0	(38,827)	10,079	
Goodnoe Hills	317,917	18,603	0	317,917	18,603	
High Plains	11,060	26,238	0	11.060	26,238	
JC Boyle (Upgrade 2005)	(6,112)	92	0	(6,112)	92	
Latigo Wind	0	0	0	0	0	
Leaning Juniper	398,711	21,808	0	398,711	21,808	
Lemolo 1 (Upgrade 2003)	(42,381)	937	0	(42,381)	937	
Lemolo 2 (Upgrade 2009)	(6,434)	98	0	(6,434)	98	
Marengo I	496,222	33,979	0	496,222	33,979	
Marengo II	373,293	18,210	0	373,293	18,210	
McFadden Ridge	(69,735)	8,119	0	(69,735)	8,119	
Mountain Wind I	0	0	0	0	0,113	
Mountain Wind II	0	0	0	0	0	
Pavant I	36,437	24,291	0	36,437	24,291	
Pavant Solar II LLC	0	0	0	0	0	
Pioneer Wind Park I LLC	0	0	0	0	0	
Prospect 2 (Upgrade 1999)	(5,034)	125	0	(5,034)	125	
Rock River I	0	0	0	0	0	
Rolling Hills	(217,344)	24,660	0	(217,344)	24,660	
Sage Solar I, LLC	0	0	0	0	0	
Sage Solar II, LLC	0	0	0	0	0	
Sage Solar III, LLC	0	0	0	0	0	
Seven Mile Hill I	(536,948)	31,343	0	(536,948)	31,343	
Seven Mile Hill II	(115,827)	6,388	0	(115,827)	6,388	
Sweetwater Solar, LLC	0	0,300	0	(113,027)	0,566	
TB Flats Wind I	(2,120,253)	64,572	0	(2,120,253)	64,572	
TB Flats Wind II	(2,116,778)	55,222	0	(2,116,778)	55,222	
Top of the World	(1,297,590)	42,480	0	(1,297,590)	42,480	
Wolverine Creek	137,873	12,924	0	137,873	12,924	
	137,673	12,324		137,073	12,524	
Total	(10,773,585)	803,359	0	(10,773,585)	803,359	(
WA Share	(10,773,585)	803,359	0	(10,773,585)	803,359	

Annual Revenue Requirement (most recent rate case)		407,257,687		407,257,687
	CALCULATION 1 :	(10,773,585)	CALCULATION 2:	(10,773,585)
		-2.65%		-2.65%

# (iii)(A) & (B) Annual Reporting Summary Data: 2022 and 2023

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 calcualtion (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

	(a)(i) of this subsection, and (b) multiply the donars per megawatt-hour cost		1 0	alculated in (a)(iii)(A) of this subsection by the number of megawatt-hours needed for target year compliance  (B)	
D.	muty uses muty uses		Number of Megawatt-hours Needed for	Total Incremental Cost (\$/MWh) Multiplied by Number of	
Resource	(as dollar \$ amt.)	MWh	(\$/MWh)	Target Year Compliance	Megawatt-hours Needed for Target Year Compliance
Adams Solar	6,742	4,816	1.40		
Bear Creek Solar	7,034	5,024	1.40	5,024	7,034
Bigfork	(1,682)	87	(19.34)	87	(1,682)
Blundell	0	14,117	0.00	14,117	0
Blundell II	(414,423)	6,522	(63.54)	6,522	(414,423)
Bly Solar	6,189	4,421	1.40	4,421	6,189
Campbell Hill	(888,449)	25,017	(35.51)	25,017	(888,449)
Cedar Springs Wind I	(2,073,875)	64,651	(32.08)	64,651	(2,073,875)
Cedar Springs Wind II	1,591,183	47,520	33.48	47,520	1,591,183
Cedar Springs Wind III	(1,423,741)	44,738	(31.82)	44,738	(1,423,741)
Dunlap I	(870,012)	36,998	(23.52)	36,998	(870,012)
Ekola Flats Wind	(3,184,081)	78,492	(40.57)	78,492	(3,184,081)
Elbe Solar	6,857	4,898	1.40	4,898	6,857
Enterprise	94,413	49,691	1.90	49,691	94,413
Foote Creek I	0	16,437	0.00	16,437	0
Glenrock I	(118,461)	25,869	(4.58)	25,869	(118,461)
Glenrock III	(37,344)	9,694	(3.85)	9,694	(37,344)
Goodnoe Hills	357,650	20,928	17.09	20,928	357,650
High Plains	12,744	30,233	0.42	30,233	12,744
JC Boyle (Upgrade 2005)	(10,896)	164	(66.44)	164	(10,896)
Latigo Wind	0	0	(36.35)	0	
Leaning Juniper 1	364,796	19,953	18.28	19,953	364,796
Lemolo 1 (Upgrade 2003)	(37,631)	832	(45.23)	832	(37,631)
Lemolo 2 (Upgrade 2009)	(4,399)	67	(65.65)	67	(4,399)
Marengo I	450,191	30,827	14.60	30,827	450,191
Marengo II	317,392	15,483	20.50	15,483	317,392
McFadden Ridge	(78,255)	9,111	(8.59)	9,111	(78,255)
Mountain Wind I	0	0	(13.30)	0	
Mountain Wind II	0	0	· /	0	
Pavant I	33,389	22,259	1.50	22,259	33,389
Pavant Solar II LLC	0	0	(61.07)	0	
Pioneer Wind Park I LLC	(9.(10)	0	( )	0	
Prospect 2 (Upgrade 1999)	(8,619)	214	(40.27) 11.72	214	(8,619)
Rock River I	(198,729)	22.548	(8.81)	0	(198,729)
Rolling Hills Sage Solar I, LLC	(190,/29)	22,548	(22.01)	22,548	(198,729)
Sage Solar II, LLC	0	0	(23.88)	0	0
Sage Solar III, LLC	0	0	` '	0	
Seven Mile Hill I	(557,197)	32,525	(17.13)	32,525	(557,197)
Seven Mile Hill II	(123,986)	6,838	(18.13)	6,838	(123,986)
Sweetwater Solar, LLC	(123,980)	0,838	(45.77)	0,838	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
TB Flats Wind I	(2,259,771)	68,821	(32.84)	68,821	(2,259,771)
TB Flats Wind II	(1,856,043)	48,420	(38.33)	48,420	(1,856,043)
Top of the World	(948,848)	31,063	(30.55)	31,063	(948,848)
Wolverine Creek	122,586	11,491	10.67	11,491	122,586
Workering Greek	122,300	11,491	10.07	11,491	122,300
TOTAL	(5,928,058)	810,769		1	1

2023

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 calcualtion (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

Bear Cores Solar		(A)			(B)	
Boot Creek Solar		(as dollar \$ amt.)		(\$/MWh)	Target Year Compliance	Megawatt-hours Needed for Target Year Compliance
Befork   1,290						6,096
Bundell		.,	,-	-		
Bindel				,		(1,296)
Solar					-	0
Campbell Hill				,		(423,764)
Cedar Springs Wind I         (1,939,789)         60,471         (1,208)         60,471         (1,939,788)           Cedar Springs Wind II         (1,936,482)         40,122         (1,183)         40,122         (1,786,482)         (1,786,482)         (1,786,482)         (1,786,482)         (2,786,482)<	Bly Solar					5,803
Cedar Springs Windl II         1,933,897         57,755         33,48         57,755         1,833,897           Codar Springs Windl III         1,1276,842         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,122         (1,276,842)         40,140         43,466         60,684         44,466         1,40         4,366         6,686         6,686         4,346         1,40         4,366         6,686         6,686         1,40         4,366         6,686         6,686         1,40         4,366         1,40         4,366         6,686         6,686         1,40         4,366         1,40         4,366         6,686         6,686         1,40         4,366         1,40         4,366         6,686         1,60         6,684         1,40         4,366         1,60         6,684         1,40         4,40         1,40         1,40         1,40         1,40         1,40         1,40         1,40         1,40         1,	Campbell Hill	(928,864)	26,155	(35.51)	26,155	(928,864)
Codar Springs Windf II	Cedar Springs Wind I		60,471		60,471	(1,939,789)
Dunlap	Cedar Springs Wind II	1,933,897	57,755		57,755	
Ekole Fista Wind   (2,561,317)   (8,140   (40,57)   (6,140   (4,566,631   (4,566,	Cedar Springs Wind III		40,122		40,122	(1,276,842)
Elbe Solar	Dunlap I	(760,572)	32,344	(23.52)	32,344	(760,572)
SEMBRISH	Ekola Flats Wind	(2,561,317)	63,140	(40.57)	63,140	(2,561,317)
Foote Creek	Elbe Solar				4,346	6,084
Genrock   (13,351)   26,915   (4,38)   26,915   (123,255   16,079   13,07	Enterprise	85,897	45,209			85,897
Glenock III	Foote Creek I	0	11,509	0.00	11,509	0
Specific   Strict	Glenrock I	(123,251)	26,915	(4.58)	26,915	(123,251)
High Plains         11,060         26,238         0.42         26,238         11,060           C Boyle (Upgrade 2005)         (6,112)         9.2         (66,44)         9.2         (6,112)           Leaning Juniper 1         398,711         21,808         18.28         21,808         398,71           Leaning Juniper 1         398,711         21,808         18.28         21,808         398,71           Leaning Juniper 1         398,711         21,808         18.28         21,808         398,71           Leaning Juniper 1         42,831         937         (45,23)         937         (42,381)           Lemolo 2 (Upgrade 2009)         (6,434)         98         (56,55)         98         (6,42,81)           Lemolo 2 (Upgrade 2009)         (6,434)         98         (56,55)         98         (6,434)           Marengol         373,293         18,210         20,0         18,210         337,399         496,22           Marengol         (69,735)         8,119         (5,59)         8,119         (69,735)           Marengol         (69,735)         8,119         (5,59)         8,119         (69,735)           Mountain Wind I         0         (6,735)         (6,735)         8,119	Glenrock III	(38,827)	10,079	(3.85)	10,079	(38,827)
15 Boyle (Upgrade 2005)   (6,112)   92   (66.44)   92   (6,112)   (6,112)   (1,15) Wind   (0 0 0 0 (36.55) 0 0   (36.55) 0 0	Goodnoe Hills	317,917	18,603	17.09	18,603	317,917
Latigo Wind   0   0   (36.35)   0	High Plains	11,060	26,238	0.42	26,238	11,060
Leaning Juriper 1         398,71         21,808         18,28         21,808         398,71           Lemolo 1 (Uggrade 2003)         (42,381)         937         (45,23)         937         (42,281           Lemolo 2 (Uggrade 2009)         (6,434)         98         (65,655)         98         6,843           Marengo 1         496,222         33,979         14,60         33,979         496,22           McFadden Ridge         (69,735)         8,119         (8,59)         8,119         (69,735)           Mountain Wind II         0         0         (13,30)         0         0           Mountain Wind II         0         0         (4,46)         0         0           Pavant I ILC         0         0         (6,17)         0         0         0           Posset Staff ILLC         0         0         (6,107)         0         <	JC Boyle (Upgrade 2005)	(6,112)	92	(66.44)	92	(6,112)
Lemolo 1 (Upgrade 2003)   (42,281)   937   (45,23)   937   (45,23)   (42,281)   (42,28			0	(36.35)	0	0
Lembo 2 (Upgrade 2009)   (6.434)   98   (6.565)   98   (6.434)   98   (6.565)   98   (6.434)   98   (6.565)   98   (6.434)   98   (6.565)   98   (6.434)   98   (6.565)   98   (6.434)   98   (6.434)   98   (6.565)   98   (6.434)   98   (6.434)   98   (6.565)   98   (6.434)   98   (6.434)   98   (6.434)   98   (6.434)   98   (6.434)   98   (6.434)   98   (6.434)   98   (6.434)   99   (6.434)   99   (6.434)   99   (6.434)   99   (6.434)   99   99   99   99   99   99   99	Leaning Juniper 1	398,711	21,808	18.28	21,808	398,711
Marengo   Mare	Lemolo 1 (Upgrade 2003)	(42,381)	937	(45.23)	937	(42,381)
Marengo   Mare	Lemolo 2 (Upgrade 2009)	(6,434)	98	(65.65)	98	(6,434)
McFadden Ridge         (69,735)         8,119         (8.59)         8,119         (69,735)           Mountain Wind I         0         0         (13.30)         0           Mountain Wind II         0         0         (4.46)         0           Pavant J         36.437         24,291         1.50         24,291         36,43           Pavant Solar II LLC         0         0         (61.07)         0         0           Prospect 2 (Upgrade 1999)         (5,034)         125         (40.27)         125         (5,034)           Rock River I         0         0         0         11.72         0         0           Rolling Hills         (217,344)         24,660         (8.81)         24,660         (217,344)           Sage Solar I, LLC         0         0         0         (23.38)         0           Sage Solar III, LLC         0         0         0         (23.38)         0           Seven Mile Hill II         (536,948)         31,343         (17.13)         31,343         (35,948)           Seven Mile Hill II         (50,048)         (30,048)         (45,77)         0         0           TB Flats Wind II         (50,025)         (50,025)		496,222	33,979	14.60	33,979	496,222
Mountain Wind I         0         0         (13.30)         0           Mountain Wind II         0         0         (4.46)         0           Payant I         36,437         24,291         1.50         24,291         36,43           Pavant Solar II LLC         0         0         (61.07)         0         0           Pioneer Wind Park I LLC         0         0         0         (38.89)         0         0           Prospect 2 (Upgrade 1999)         (5,034)         125         (40.27)         125         (5,034)           Rock River I         0         0         0         11.72         0         0           Rolling Hills         (217,344)         24,660         (8.81)         24,660         (23.88)         0           Sage Solar II, LLC         0         0         0         (22.01)         0         0           Sage Solar II, LLC         0         0         0         (23.88)         0         0           Sage Solar III, LLC         0         0         0         (23.88)         0         0           Sage Solar III, LLC         0         0         0         (23.53)         0         0           Sage Solar III,	Marengo II	373,293	18,210	20.50	18,210	373,293
Mountain Wind II	McFadden Ridge	(69,735)	8,119	(8.59)	8,119	(69,735)
Pavant   Pavant   Sale   Sal	Mountain Wind I	0	0	(13.30)	0	0
Pavant Solar II LLC         0         0         (61.07)         0           Pioneer Wind Park I LLC         0         0         (38.89)         0           Prospect 2 (Upgrade 1999)         (5,034)         125         (40.27)         125         (5,034)           Rock River I         0         0         11.72         0         0         11.72         0           Rolling Hills         (217,344)         24,660         (8.81)         24,660         (217,344)           Sage Solar II, LLC         0         0         (22.01)         0         0           Sage Solar III, LLC         0         0         (23.38)         0         0           Sage Solar III, LLC         0         0         (23.53)         0         0           Sage Solar III, LLC         0         0         (23.53)         0         0           Sage Solar III, LLC         0         0         (23.53)         0         0           Seven Mile Hill II         (536,948)         31,343         (17.13)         31,343         (35.94)           Seven Mile Hill II         (15,827)         6,388         (18.13)         6,388         (115,827)           Sweetwater Solar, LLC         0         <	Mountain Wind II	0	0	(4.46)	0	0
Prospect 2 (Upgrade 1999)   C   C   C   C   C   C   C   C   C	Pavant I	36,437	24,291	1.50	24,291	36,437
Prospect 2 (Upgrade 1999)         (5,034)         125         (40.27)         125         (5,034)           Rock River I         0         0         0         11.72         0           Rolling Hills         (217,344)         24,660         (8.81)         24,660         (217,344)           Sage Solar I, LLC         0         0         0         (22.01)         0         0           Sage Solar III, LLC         0         0         0         (23.88)         0         0           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill I         (115,827)         6,388         (18.13)         6,388         (18.13)         6,388         (15.827)           Sweetwater Solar, LLC         0         0         (45.77)         0         0         (21.20,253)         64,572         (32.84)         64,572         (2,120,253)         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)         (2,120,253)         (30.55)	Pavant Solar II LLC	0	0	(61.07)	0	0
Prospect 2 (Upgrade 1999)         (5,034)         125         (40.27)         125         (5,034)           Rock River I         0         0         0         11.72         0           Rolling Hills         (217,344)         24,660         (8.81)         24,660         (217,344)           Sage Solar I, LLC         0         0         0         (22.01)         0         0           Sage Solar III, LLC         0         0         0         (23.88)         0         0           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill I         (115,827)         6,388         (18.13)         6,388         (18.13)         6,388         (15.827)           Sweetwater Solar, LLC         0         0         (45.77)         0         0         (21.20,253)         64,572         (32.84)         64,572         (2,120,253)         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)         (2,120,253)         (30.55)	Pioneer Wind Park I LLC	0	0	(38.89)	0	0
Rolling Hills (217,344) 24,660 (8.81) 24,660 (217,344) Sage Solar I, LLC 0 0 0 (22.01) 0 Sage Solar II, LLC 0 0 0 (23.88) 0 Sage Solar III, LLC 0 0 0 (23.53) 0 Sage Solar III, LLC 0 0 0 (23.53) 0 Seven Mile Hill 1 (536,948) 31,343 (17.13) 31,343 (536,948) Seven Mile Hill II (115,827) 6,388 (18.13) 6,388 (18.13) 6,388 (115,827) Sweetwater Solar, LLC 0 0 (45.77) 0 TB Flats Wind 1 (212,0253) 64,572 (32.84) 64,572 (32.84) 64,572 (212,0253) 15 (2116,788) 15 (2116,7		(5,034)	125	(40.27)	125	(5,034)
Sage Solar I, LLC         0         0         (22.01)         0           Sage Solar II, LLC         0         0         (23.88)         0           Sage Solar III, LLC         0         0         (23.53)         0           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill II         (115,827)         6,388         (18.13)         6,388         (18.13)         6,388         (115,827)           Sweetwater Solar, LLC         0         0         (45.77)         0 <th< td=""><td>Rock River I</td><td>0</td><td>0</td><td>11.72</td><td>0</td><td>0</td></th<>	Rock River I	0	0	11.72	0	0
Sage Solar II, LLC         0         0         (23.88)         0           Sage Solar III, LLC         0         0         (23.53)         0           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill II         (115,827)         6,388         (18.13)         6,388         (18.13)         6,388         (115,827)           Sweetwater Solar, LLC         0         0         (45.77)         0<	Rolling Hills	(217,344)	24,660	(8.81)	24,660	(217,344)
Sage Solar III, LLC         0         0         (23.53)         0           Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill II         (115,827)         6,388         (18.13)         6,388         (18.13)         6,388         (115,827)           Sweetwater Solar, LLC         0         0         (45.77)         0         0         0         (45.77)         0	Sage Solar I, LLC	0	0	(22.01)	0	0
Seven Mile Hill I         (536,948)         31,343         (17.13)         31,343         (536,948)           Seven Mile Hill II         (115,827)         6,388         (18.13)         6,388         (18.13)           Sweetwater Solar, LLC         0         0         (45.77)         0           TB Flats Wind I         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)           TB Flats Wind II         (2,116,778)         55,222         (38.33)         55,222         (2,116,778)           Top of the World         (1,297,590)         42,480         (30.55)         42,480         (1,297,590)           Wolverine Creek         137,873         12,924         10.67         12,924         137,87	Sage Solar II, LLC	0	0	(23.88)	0	0
Seven Mile Hill II         (115,827)         6,388         (18.13)         6,388         (115,827)           Sweetwater Solar, LLC         0         0         (45.77)         0           TB Flats Wind I         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)           TB Flats Wind II         (2,116,778)         55,222         (38.33)         55,222         (2,116,778)           Top of the World         (1,297,590)         42,480         (30.55)         42,480         (1,297,590)           Wolverine Creek         137,873         12,924         10.67         12,924         137,87	Sage Solar III, LLC	0	0	(23.53)	0	0
Sweetwater Solar, LLC         0         0         (45.77)         0           TB Flats Wind I         (2,120,253)         64,572         (32.84)         64,572         (2,120,253)           TB Flats Wind II         (2,116,778)         55,222         (38.33)         55,222         (2,116,778)           Top of the World         (1,297,590)         42,480         (30.55)         42,480         (1,297,590)           Wolverine Creek         137,873         12,924         10.67         12,924         137,87	Seven Mile Hill I	(536,948)	31,343	(17.13)	31,343	(536,948)
TB Flats Wind I     (2,120,253)     64,572     (32.84)     64,572     (2,120,253)       TB Flats Wind II     (2,116,778)     55,222     (38.33)     55,222     (2,116,778)       Top of the World     (1,297,590)     42,480     (30.55)     42,480     (1,297,590)       Wolverine Creek     137,873     12,924     10.67     12,924     137,873	Seven Mile Hill II	(115,827)	6,388	(18.13)	6,388	(115,827)
TB Flats Wind II     (2,116,778)     55,222     (38.33)     55,222     (2,116,778)       Top of the World     (1,297,590)     42,480     (30.55)     42,480     (1,297,590)       Wolverine Creek     137,873     12,924     10.67     12,924     12,924     137,873	Sweetwater Solar, LLC	0	0	(45.77)	0	0
Top of the World         (1,297,590)         42,480         (30.55)         42,480         (1,297,590)           Wolverine Creek         137,873         12,924         10.67         12,924         137,873	TB Flats Wind I	(2,120,253)	64,572	(32.84)	64,572	(2,120,253)
Wolverine Creek 137,873 12,924 10.67 12,924 137,87	TB Flats Wind II	(2,116,778)	55,222	(38.33)	55,222	(2,116,778)
	Top of the World		42,480	(30.55)	42,480	(1,297,590)
	Wolverine Creek	137,873	12,924	10.67	12,924	137,873
TOTAL (10.773.585) 803.359 803.359 (10.773.585						
	TOTAL	(10,773,585)	803,359		803,359	(10,773,585)