

July 5, 2018

VIA ELECTRONIC FILING

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

RE: 2018 Annual Renewable Portfolio Standard Report—Revised

Pacific Power & Light Company (Pacific Power), a division of PacifiCorp, submitted its 2018 Annual Renewable Portfolio Standard Report to the Washington Utilities and Transportation Commission on June 1, 2018.

In a review with Washington Utilities and Transportation Commission staff, it was discovered that the company inadvertently used an outdated number for projected average retail sales in the original report. The company is providing revised versions of the following documents to correct that error:

1. Confidential and Redacted versions of the 2018 RPS Report—The revised versions provide an updated Table 1, Table 2, and Table 7 to correct the average retail sales, which also impacted renewable target numbers as well. The commerce renewable report embedded into pages 7 through 9 are also corrected to reflect the same changes.
2. Confidential and Redacted Attachment A—The RPS Reporting Tool was corrected to reflect the correct average retail sales, renewable target, and allocate additional renewable energy credits from the company's Top of the World resource to meet the corrected renewable target.

As a result of further guidance from staff, Pacific Power is providing updated versions of the following documents in support of the report:

1. Confidential 2018 RPS Cost Analysis
2. Confidential 2018 RPS Incremental Cost Analysis
3. An excel version of the 2018 Renewable Report to Commerce

Pacific Power requests confidential treatment in accordance with WAC 480-07-160. The documents labeled as confidential include proprietary cost data, commercially sensitive load and resource projections, confidential market analyses and business projections, and confidential information related to renewable energy credits and/or compliance with RCW 19.285. This confidential business information is of significant commercial value, which could expose the Company to competitive injury if disclosure is unrestricted. Accordingly, Pacific Power requests

Washington Utilities & Transportation Commission

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confidential treatment on the basis that the documents contain “valuable commercial information, including trade secrets or confidential marketing, cost, or financial information, or customer-specific usage and network configuration and design information,” as provided in RCW 80.04.095 and in accordance with WAC 480-07-160(2)(c).

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

Sincerely,

_____/s/
Etta Lockey
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Pacific Power & Light Company
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Enclosures:

180500-PPL-RPS-Rpt-r-7-5-18 (C).pdf
180500-PPL-RPS-Rpt-r-7-5-18 (R).pdf
180500-PPL-RPS-Rpt-Attach-A-r-7-5-18 (C).pdf
180500-PPL-RPS-Rpt-Attach-A-r-7-5-18 (R).pdf
180500-PPL-RPS-Rpt-Attach-A-r-7-5-18 (C).xlsx
180500-PPL-RPS-Rpt-Attach-A-r-7-5-18 (R).xlsx
180500-PPL-RPS-Rpt-WPs-7-5-18 (C).zip
180500-PPL-RPS-Rpt-WPs-7-5-18 (R).zip



Pacific Power & Light Company

Washington

Annual Renewable Portfolio Standard Report

**CONFIDENTIAL per WAC 480-07-160
REDACTED**

June 1, 2018 – Revised July 5, 2018

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Introduction

Pacific Power & Light Company (Pacific Power or Company), a division of PacifiCorp, submits this 2018 Annual Renewable Portfolio Standard Report (Renewable 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, in 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), each qualifying utility must use eligible renewable resources, acquire equivalent renewable energy credits (RECs), or a combination of both, to meet annual targets. As demonstrated in this report, the Company will meet the targets in accordance with WAC 480-109-200(1). The Company met the 2017 renewable energy target with a combination of eligible renewable resources and RECs and the Company is positioned to use eligible renewable resources and RECs to supply at least nine percent of its average Washington load to satisfy the 2018 renewable energy target.

A summary of the Company's 2017 and 2018 renewable targets and eligible renewable resources and RECs are provided below:

Table 1

PacifiCorp Renewable Target, Eligible Resource and RECs		
	2017	2018
Average Retail Sales (MWh)	4,044,962	4,101,476
Percentage Target	9%	9%
Renewable Target	364,047	369,133
Qualifying Resources & RECs (MWh)	364,047	369,133

The Company does not intend to rely on any of the alternative compliance mechanisms provided in WAC 480-109-210 for meeting either the 2017 or 2018 renewable energy targets.

Annual Load for Previous Two Years and Renewable Energy Target

Under RCW 19.285.040(2)(c) and WAC 480-109-200(1), a utility must calculate its annual target based on its average load for the previous two years. Accordingly, using the average of the Washington annual retail loads for the previous two years, Table 2 calculates the annual renewable targets for 2017 and 2018.

Table 2

Target Year 2017	
Prior Year Retail Sales (2015)	4,108,270 MWh
Prior Year Retail Sales (2016)	3,981,654 MWh
Average Retail Sales	4,044,962 MWh
Percentage Target	9%
Renewable Target	364,047 MWh/RECs
Target Year 2018	
Prior Year Retail Sales (2016)	3,981,654 MWh
Prior Year Retail Sales (2017)	4,221,298 MWh
Average Retail Sales	4,101,476 MWh
Percentage Target	9%
Renewable Target	369,133 MWh/RECs

Renewable Energy Acquired to Meet Renewable Energy Target

The Company met its 2017 renewable resource target and plans to meet its 2018 renewable resource target with a combination of eligible RECs, Company- and third-party-owned wind resources, and hydroelectric facilities with upgrades completed after March 1999.

The Company is submitting the Commission's Renewable Portfolio Standard (RPS) Report Tool as Confidential Attachment A. The RPS Report Tool details the renewable resource target for 2017 and 2018 and the RECs and renewable resources identified to meet the 2017 and 2018 targets.

PacifiCorp will use the following Company- and third-party-owned wind facilities for 2018:

Table 3

Resource Name	Location
Goodnoe Hills	Washington
Leaning Juniper	Oregon
Marengo I	Washington
Marengo II	Washington
Seven Mile Hill I	Wyoming
Dunlap I	Wyoming
Glenrock Wind I	Wyoming
Campbell Hill/Three Buttes	Wyoming
Top of the World	Wyoming

Four of these nine wind facilities are located in the Pacific Northwest. The remainder are located in Wyoming and qualify as eligible to meet Washington's RPS.¹ Descriptions of the projects are referenced in the Supporting Documents for Renewable Report section of this report.

Additionally, the Company identified upgrades to hydroelectric facilities located in the Pacific Northwest that were completed after March 31, 1999, listed in Table 4 below.

Table 4

Resource Name	Upgrade Date
Prospect 2	1999
Lemolo 1	2003
JC Boyle	2005
Lemolo 2	2009

¹ In Docket UE-151162, Order 01, the Commission found all of these resources to be eligible renewable resources under RCW 19.285.030(12)(e).

The Company performed analyses to determine the incremental energy associated with upgrades to hydroelectric facilities, consistent with Method two, as identified 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 the 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. The Company is providing the analyses in Confidential Work Papers—PacifiCorp Hourly Incremental Hydro Analyses.

PacifiCorp had two contracts for REC-only transactions executed before January 1, 2012, and executed two additional REC-only contracts in November 2014. In January 2017, PacifiCorp contracted to purchase the RECs from six additional solar projects. The counterparties will provide RECs from Washington RPS-eligible resources.

The following pages contain the Company's Renewable report submitted to the Washington Department of Commerce on June 1, 2018, and include a summary of the forecasted number of megawatt-hours and RECs to meet the 2018 compliance target.

Please see Table 6 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 – 2018

Energy Independence Act (EIA) **Renewable Energy Report 2018**

Utility	Pacific Power & Light Company
Report Date	June 1, 2018
Utility Contact Name/Dept	Ariel Son
Phone	503-813-5410
Email	ariel.son@pacificorp.com

Loads and Resources	
2016 Annual Load (MWh)	3,981,654
2017 Annual Load (MWh)	4,221,298
Average of 2016 & 2017 Annual Loads (MWh)	4,101,476
2018 Renewable Target (% of load)	9%
2018 Eligible Renewable Energy Target (MWh)	369,133
2018 Eligible Renewable Resources and RECs	369,133

2018 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 - 2018	
Amount invested in incremental cost of eligible renewable resources and the cost of RECs	\$2,341,618
Total annual retail revenue requirement - 2018	\$346,967,880
Investment in renewables and RECs as a percent of retail revenue requirement	0.675%

	Water	Wind	Solar	Geothermal	Landfill Gas	Wave, Ocean, Tidal	Gas from Sewage Treatment	Biodiesel	Biomass	Qualified Biomass	Apprentice Labor Credit	Distributed Generation Credit
Eligible Renewable Resources (MWh)	1,848	263,015	-	-	-	-	-	-	-	-	-	-
Renewable Energy Credits		18,513	85,757	-	-	-	-	-	-	-	-	-
Total Renewables (MWh+RECs)	1,848	281,528	85,757	-	-	-	-	-	-	-	-	-

2018 Reporting Year:

This renewable energy report summarizes the eligible renewables resources and renewable energy credits (RECs) that the utility has acquired by January 1, 2018 for the purpose of meeting its Energy Independence Act (EIA) renewables target for 2018. The actual resources and RECs used to comply with the 2018 EIA target may vary from those reported here. Utilities will report in June of 2020 on the actual results for 2018.

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 2018 is 9% 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 2018 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.

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Renewable Resources

Utility Pacific Power & Light Company
Compliance Year 2018

WREGIS ID	Facility Name	Resource Type	Apprentice Labor Eligibility	Generation Amount (MWh)	Apprentice Labor Amount (MWh equiv.)	Explanatory Notes (as needed)
W536	Goodnoe Hills	Wind	No		-	
W200	Leaning Juniper	Wind	No		-	
W185	Marengo I	Wind	No		-	
W772	Marengo II	Wind	No		-	
W1749	Top of the World	Wind	No		-	
W1687	Dunlap I	Wind	No		-	
W964	Glenrock Wind I	Wind	No		-	
W975	Seven Mile Hill I	Wind	No		-	
W1383	Campbell Hill/Three Buttes	Wind	No		-	
W180	Prospect 2 - Upgrade	Water	No		-	
W157	Lemolo 1 - Upgrade	Water	No		-	
W140	JC Boyle - Upgrade	Water	No		-	
W158	Lemolo 2 - Upgrade	Water	No		-	
Total				264,863		

Renewable Energy Credits

Utility Pacific Power & Light Company
Compliance Year 2018

WREGIS ID	Facility Name	REC Vintage (Year)	Resource Type	Apprentice Labor Eligibility	Distributed Generation Eligibility	Quantity RECs	Apprentice Labor Amount MWh equiv.	Distributed Generation Amount MWh equiv.	Explanatory Notes (as needed)
W542	Bennett Creek Windfarm	2017	Wind	No	No		-	-	
W543	Hot Springs Wind Farm	2017	Wind	No	No		-	-	
TBD	Adams Solar	2018	Solar	No	No		-	-	
TBD	Bear Creek Solar	2018	Solar	No	No		-	-	
TBD	Bly Solar	2018	Solar	No	No		-	-	
TBD	Elbe Solar	2018	Solar	No	No		-	-	
W4619	Pavant	2017	Solar	No	No		-	-	
W4938	Enterprise	2017	Solar	No	No		-	-	
Total						104,270			

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Energy Independence Act (I-937) Commerce Renewable Cost Report – 2018

Incremental Cost of Renewable Resources

Utility	Pacific Power & Light Company
Compliance Year	2018

Facility Name	WREGIS ID	MWh	Renewable Resource Annual Cost in 2017	Renewable Resource Cost per MWh	Description of Substitute Resource	Substitute Resource Annual Cost in 2017	Substitute Resource Cost per MWh	Incremental Cost of Renewable Resource in 2017
Goodnoe Hills	W536							
Leaning Juniper	W200							
Marengo I	W185							
Marengo II	W772							
Top of the World	W1749							
Dunlap I	W1687							
Glenrock Wind I	W964							
Seven Mile Hill I	W975							
Campbell Hill/Three Buttes	W1383							
Prospect 2 - Upgrade	W180							
Lemolo 1 - Upgrade	W157							
JC Boyle - Upgrade	W140							
Lemolo 2 - Upgrade	W158							
Totals		264,863				\$0		

Cost of Renewable Energy Credits

Utility	Pacific Power & Light Company
Compliance Year	2018

Facility Name	WREGIS ID	REC Vintage (Year)	Number of RECs	Annual Cost of Renewable Energy Credits	Cost per REC
Bennett Creek Windfarm	W542	2017			
Hot Springs Wind Farm	W543	2017			
Adams Solar	TBD	2018			
Bear Creek Solar	TBD	2018			
Bly Solar	TBD	2018			
Elbe Solar	TBD	2018			
Pavant	W4619	2017			
Enterprise	W4938	2017			
Total			104,270		

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

Please refer to the 2018 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. The Company does not anticipate investing at least four percent of its total annual retail revenue requirement on the incremental costs of eligible renewable resources, RECs, or a combination of both.

Further, the Company does not plan to rely on any other alternative compliance mechanisms to meet its renewable resource targets for 2017 or 2018.

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 resources that do not qualify as eligible renewable resources, 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 RCW 19.285, the EIA, including the application of a new methodology for calculating incremental cost. The Company performed the incremental cost calculations as defined in WAC 480-109-210.

REC Costs for REC-only Purchases

The cost of RECs from the 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 Wind Resources

The estimated cost of the RECs from renewable wind 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.²

Incremental Costs for Renewable Energy from Incremental Hydro Upgrades

The estimated cost of eligible renewable energy from incremental hydro represents the calculated levelized cost of each hydro 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.

² The cost of RECs from PacifiCorp's resource(s) located outside of the West Control Area are not included in Washington customers' rates. To determine the ratio of incremental cost to revenue requirement, resource costs *outside* the West Control Area are calculated using the weighted average cost of the resources *within* the West Control Area (Goodnoe Hills, Leaning Juniper, Marengo I and Marengo II). Please refer to PacifiCorp Workpaper, PacifiCorp Resource Cost Analysis.

Confidential Work Papers—PacifiCorp Resource Cost Analysis provides the key assumptions and analysis that the Company used to forecast the estimated resource costs associated with the renewable resources and RECs for the target years 2017 and 2018.

Revenue Requirement

The revenue requirement amounts are from recent general rate cases. The 2017 revenue requirement is \$338,969,265 from Docket UE-152253 and the 2018 revenue requirement from Docket UE-152253 is \$346,967,880.

Resource Costs Compared to Revenue Requirement

Table 6 shows the expected Washington-allocated resource costs (incremental cost of eligible renewable resources and the cost of RECs) compared to the annual revenue requirement for 2017 and 2018.

Table 6

Calendar Year	Total Washington Allocated Resource Costs	Washington Annual Revenue Requirement	% of Washington Expected Allocated Resource Costs to Annual Revenue Requirement
2017	\$ 2,049,256	\$ 338,969,265	0.60%
2018	\$ 2,341,618	\$ 346,967,880	0.67%

Based on this analysis, the Company will not exceed the four percent of annual revenue requirement threshold.

Multistate Allocations

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

PacifiCorp is a multijurisdictional utility providing electric retail service to more than 1.8 million customers in California, Idaho, Oregon, Utah, Washington, and Wyoming. Of those customers, the Company serves approximately 133,000 customers in the state of Washington.

PacifiCorp allocates RECs to its states consistent with the inter-jurisdictional allocation methodologies approved in each state. California uses the 2010 Protocol inter-jurisdictional cost allocation methodology; Idaho, Oregon, Utah and Wyoming use the 2017 Protocol inter-jurisdictional allocation methodology. Both the 2010 and 2017 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 8 percent (*i.e.* Washington comprises approximately 8 percent of PacifiCorp's six-state system).

In Washington, however, PacifiCorp uses the West Control Area (WCA) inter-jurisdictional allocation methodology. This methodology allocates west control area generation resources, 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 contribution to PacifiCorp's energy and capacity requirements for the west control area (California, Oregon, and Washington). Washington's CAGW factor is approximately 22 percent (*i.e.* Washington comprises approximately 22 percent of the west control area).

As a result of Washington's use of the WCA methodology, PacifiCorp's Washington rates reflect a CAGW share, approximately 22 percent, of west control area generation resources. Accordingly, Washington customers are entitled to approximately 22 percent of RECs from these facilities. Using different inter-jurisdictional allocation methodologies for different states, however, creates challenges because the sum of each state's allocated share may not equal 100 percent. To address this issue, PacifiCorp first allocates each state its share of RECs using the SG factor. Using this process, Washington receives approximately 8 percent of RECs from west control area resources.

The WCA contains the following eligible resources:

- Goodnoe Hills (wind)
- Leaning Juniper (wind)
- Marengo I (wind)

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- Marengo II (wind)
- Prospect 2 (incremental hydro)
- Lemolo 1 (incremental hydro)
- Lemolo 2 (incremental hydro)
- JC Boyle (incremental hydro)

PacifiCorp addresses the variance between Washington’s SG share of west control area resources (approximately 8 percent) and Washington’s CAGW share (approximately 22 percent) by providing Washington RECs from other eligible resources. In the past, PacifiCorp’s shareholders have purchased unbundled RECs to make up the difference.³ Recent changes in the EIA allow PacifiCorp to use RECs from PacifiCorp facilities in other states where PacifiCorp makes retail sales.⁴ This means that the actual RECs used to fulfill Washington’s CAGW share may include RECs from resources located in any of PacifiCorp’s jurisdictions or include unbundled REC purchases, but the total will equal Washington’s CAGW share of west control area resources.

In 2018, PacifiCorp plans to use generation from the following resources to provide Washington with its full CAGW allocation:

- Top of the World (wind – Wyoming)
- Dunlap I (wind – Wyoming)
- Glenrock I (wind – Wyoming)
- Campbell Hill/Three Buttes (wind – Wyoming)
- Seven Mile Hill (wind – Wyoming)

PacifiCorp does not plan to use any unbundled REC purchases to supply Washington’s CAGW allocation in 2017. Table 7 summarizes how PacifiCorp plans to supply Washington with its CAGW share of renewable generation in 2017.

**Table 7: Allocation of PacifiCorp’s Eligible Generation to Washington
[REDACTED]**

Year	Total WCA Eligible Generation (Projected)	Washington CAGW Allocation Factor⁵	Washington CAGW Allocation⁶	SG Allocation of WCA Generation	Adjustments from Other Eligible (Company) Resources	Adjustments from Purchased RECs	Final Allocation
2018	██████████	22.165%	██████████	██████████	██████████	NA	██████████

³ Washington customers received the full value of their CAGW share of renewable generation through shareholder-purchased unbundled RECs and revenues from REC sales through the REC revenue tracking mechanism.

⁴ RCW 19.285.030(12)(e)

⁵ Washington’s forecast CAGW factor for 2018.

⁶ Washington’s allocation of all RPS-eligible WCA resources - wind and incremental hydro.

Any unbundled REC purchases necessary for RPS compliance in excess of Washington's CAGW share of west control area resources will be reflected in Washington customers' rates.⁷ This treatment ensures that Washington customers receive an allocation of costs and benefits of RECs proportionate to its share of renewable resource costs reflected in rates.

PacifiCorp follows the Western Renewable Energy Generation Information System (WREGIS) and state renewable portfolio standards (RPS) requirements to ensure that under no circumstances are any RECs double-counted.

⁷ The Company filed a petition for an order authorizing the Company to defer its 2014 purchase of unbundled RECs necessary for compliance with the renewable portfolio standard in Docket UE-143915. In December 2016, the Commission issued an order authorizing recovery of the costs of this 2014 purchase. On February 9, 2017, in Docket UE-161067, the Washington Utilities and Transportation Commission approved PacifiCorp's request seeking cost recovery for its 2016 unbundled REC purchase.

Prior Year Progress

As evidenced in this report, the Company met its Washington 2017 renewable compliance target with a combination of eligible renewable resources, unbundled REC purchases and renewable energy from hydroelectric facilities with upgrades completed after March 1999. The Company has set aside the WREGIS certificates for the 2017 compliance target and upon Commission approval, will retire these WREGIS certificates. The Company is providing a listing of the WREGIS certificates in Confidential Work Papers—WREGIS Certificates for Washington Compliance for 2017.

The Company will invest less than four percent of its total annual retail Washington revenue requirement on the incremental costs of eligible renewable resources, RECs, or a combination of both for 2017.

Further, the Company does not rely on any other alternative compliance mechanisms to meet its renewable resource targets for 2017.

Current Year Progress

The Company is positioned to meet its Washington 2018 renewable compliance target with a combination of eligible renewable resources, unbundled REC purchases and renewable energy from hydroelectric facilities with upgrades completed after March 1999. The Company has also identified, to date, the WREGIS certificates that it intends to use toward the 2018 compliance target. The Company is providing a listing of the WREGIS certificates in Confidential Work Papers—WREGIS Certificates for Washington Compliance for 2018.

The Company will invest less than four percent of its total annual retail Washington revenue requirement on the incremental costs of eligible renewable resources, RECs, or a combination of both for 2018.

Further, the Company does not rely on any other alternative compliance mechanisms to meet its renewable resource targets for 2018.

Supporting Documents for Renewable Report

Provided below are links to supporting documents in support of the Company's Renewable Report.

I. Wind Project Fact Sheets/Information

1. Goodnoe Hills
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Goodnoe_Hills.pdf
2. Leaning Juniper
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Leaning_Juniper.pdf
3. Marengo
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Marengo.pdf
4. Marengo II
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/PP_GFS_Marengo_II.pdf
5. Seven Mile Hill Wind
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/RMP_GFS_Seven_Mile_Hill.pdf
6. Dunlap I
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/RMP_GFS_Dunlap.pdf
7. Glenrock
http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/EnergyGeneration_FactSheets/RMP_GFS_Glenrock.pdf
8. Campbell Hill/Three Buttes
<http://www.pacificorp.com/es/re/tb.html>
9. Top of the World
<http://www.pacificorp.com/es/re/totw.html>

Collaborative group documents from workshops conducted at the Commission and through a number of multiple issues-specific teleconference meetings, filed in Dockets UE-110523 and UE-131723.⁸

⁸ UE-110523 <http://www.utc.wa.gov/docs/Pages/DocketLookup.aspx?FilingID=110523>
UE-131723 <http://www.utc.wa.gov/docs/Pages/DocketLookup.aspx?FilingID=131723>

List of Attachments

Attachment A (Confidential) – 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

Confidential
Attachment A

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Pacific Power & Light Company

Renewable Report

RPS Reporting Tool

CONFIDENTIAL

June 1, 2018

General Instructions:

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

"Compliance Summary" Worksheet

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

"Facility Detail" Worksheet

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

Enter "X" When Complete	Checklist Item	Cell/Row Description	Units	Cell/Row	Comments
Instructions in this section identify the input locations for the 1st facility found in the "Facility Detail" worksheet. Inputs for facilities 2 through 30, also found in the "Facility Detail" worksheet, are identical to facility 1.					
	6	Total MWh Produced from Facility	Number	D39:F39	Enter the annual MWh output from the qualifying facility
	7	Percent of MWh Qualifying	%	D40:F40	Enter the percent of MWh produced that are eligible for meeting RCW 19.285
	8	Percent of Qualifying MWh Allocated to WA State Compliance	%	D41:F41	Enter the percent of qualifying MWh used for compliance with RCW 19.285. Used for facilities that are utilized for RPS compliance in two or more states.
	9	Quantity of RECs from MWh Sold	Number	D50:F50	Enter the annual amount of RECs sold. For Multi-Jurisdictional Utilities, enter in annual WA allocated amount of RECs sold.
	10	Bonus Incentives Transferred	Number	D51:F51	Enter the annual amount of transferred RECs procured from bonus incentives
	11	Bonus Incentives Not Realized	Number	D52:F52	Enter the annual number of bonus incentives that were not realized
	12	2011 Surplus Applied to 2012	Number	D56	Enter the amount of RECs procured in 2011 used for compliance in 2012
	13	2012 Surplus Applied to 2011	Number	E57	Enter the amount of RECs procured in 2012 used for compliance in 2011
	14	2012 Surplus Applied to 2013	Number	E58	Enter the amount of RECs procured in 2012 used for compliance in 2013
	15	2013 Surplus Applied to 2012	Number	F59	Enter the amount of RECs procured in 2013 used for compliance in 2012
	16	Adjustment for Events Beyond Control	Number	D62:F62	Enter the annual MWh not produced due to events beyond control as outlined in RCW 19.285.040 (2)(i)

Reporting Entity:

Pacific Power & Light Company

Reporting Date:

June 1, 2018

RCW 19.285 Compliance Need

Delivered Load to Retail Customers (MWh)

	2010	2011	2012	2013	2014	2015	2016	2017	2018
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	
WA State RCW 19.285 Requirement		0%	3%	3%	3%	3%	9%	9%	9%
Quantity Required for Compliance		0	119,857	120,716	122,019	123,155	370,166	364,047	369,133

WA State RCW 19.285 Requirement

Quantity Required for Compliance

Eligible Quantity Acquired

Qualifying MWh Allocated to WA

	2010	2011	2012	2013	2014	2015	2016	2017	2018
Qualifying MWh Allocated to WA		104,826	107,711	107,158	114,902	270,792	373,982	285,492	
Quantity from Non REC Eligible Generation		-	-	-	-	-	-	-	-
Total Quantity Available for RCW 19.285 Compliance		104,826	107,711	107,158	114,902	270,792	373,982	285,492	

Quantity from Non REC Eligible Generation

Total Quantity Available for RCW 19.285 Compliance

Sales and Transfers

Quantity of RECs Sold

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

Bonus Incentives Transferred

Bonus Incentives Not Realized

Total Sold / Transferred / Unrealized

Adjustments

2011 Surplus Applied to 2012

	2010	2011	2012	2013	2014	2015	2016	2017	2018
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						(219,641)	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									
Net Surplus Adjustments		(104,826)	12,147	13,558	7,117	(147,637)	(3,816)	78,555	

2012 Surplus Applied to 2011

2012 Surplus Applied to 2013

2013 Surplus Applied to 2012

2013 Surplus Applied to 2014

2014 Surplus Applied to 2013

2014 Surplus Applied to 2015

2015 Surplus Applied to 2014

2015 Surplus Applied to 2016

2016 Surplus Applied to 2015

2016 Surplus Applied to 2017

2017 Surplus Applied to 2016

2017 Surplus Applied to 2018

2018 Surplus Applied to 2017

2018 Surplus Applied to 2019

Net Surplus Adjustments

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control		-	-	-	-	-	-	-	-
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RCW 19.285 Compliance Surplus / (Deficit)

	2010	2011	2012	2013	2014	2015	2016*	2017*	2018*
RCW 19.285 Compliance Surplus / (Deficit)		0	1	(0)	0	(0)	(0)	1	(0)

* Any surplus shown in 2018 or 2019 may be sold or used for compliance in subsequent years. Compliance deficits shown in 2019 may be filled by REC procurement from subsequent years.

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 43 (RCW 19.285 Compliance Surplus / (Deficit)) is a result of rounding in the Facility Detail tab. The correct target amount of RECs have been retired for all compliance years.

PACIFICORP Notes and Assumptions

Retail Sales:

2010 - 2017 actual retail sales. 2018 load forecast based on 2017 IRP Update.

Facility Generation:

2011 -2017 is based on actual generation or REC purchase data. 2018 is the generation forecast as of February 2017.

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. 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.

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:
Goodnoe Hills	W536	Wind	Not Eligible	Not Eligible	31-May-08
Leaning Juniper	W200	Wind	Not Eligible	Not Eligible	14-Sep-06
Marengo I	W185	Wind	Not Eligible	Not Eligible	1-Aug-07
Marengo II	W772	Wind	Not Eligible	Not Eligible	28-Jun-08
Bennett Creek Windfarm - REC Only	W542	Wind	Not Eligible	Not Eligible	30-Sep-08
Hot Springs Windfarm - REC Only	W543	Wind	Not Eligible	Not Eligible	30-Sep-08
*Tuana Springs - REC Only	W1503	Wind	Not Eligible	Not Eligible	14-May-10
Wanapum (Upgrade)	NA	Water (Incremental Hydr	Not Eligible	Not Eligible	1-Jul-63
Prospect 2 (Upgrade 1999)	W180	Water (Incremental Hydr	Not Eligible	Not Eligible	1-Oct-58
Lemolo 1 (Upgrade 2003)	W157	Water (Incremental Hydr	Not Eligible	Not Eligible	1-Jul-55
JC Boyle (Upgrade 2005)	W140	Water (Incremental Hydr	Not Eligible	Not Eligible	1-Jan-28
Lemolo 2 (Upgrade 2009)	W158	Water (Incremental Hydr	Not Eligible	Not Eligible	1-Nov-56
Seven Mile Hill I	W975	Wind	Not Eligible	Not Eligible	31-Dec-08
Nine Canyon Wind Project - REC Only	W684	Wind	Not Eligible	Not Eligible	1-Sep-02
Top of the World	W1749	Wind	Not Eligible	Not Eligible	1-Oct-10
Dunlap I	W1687	Wind	Not Eligible	Not Eligible	1-Oct-10
Campbell Hill/Three Buttes	W1383	Wind	Not Eligible	Not Eligible	31-Dec-09
Glenrock Wind I	W964	Wind	Not Eligible	Not Eligible	31-Dec-08
Rolling Hills	W928	Wind	Not Eligible	Not Eligible	17-Jan-09
SPI Aberdeen - REC Only	W1640	Biomass	Not Eligible	Not Eligible	15-Mar-03
Hidden Hollow - REC Only	W1634	Landfill Gas	Not Eligible	Not Eligible	11-Oct-05
Fighting Creek - REC Only	W2659	Landfill Gas	Not Eligible	Not Eligible	5-Mar-12
Lower Snake – Phalen Gulch - REC Only	W2670	Wind	Not Eligible	Not Eligible	29-Feb-12
Elkhorn Valley Wind - REC Only	W186	Wind	Not Eligible	Not Eligible	20-Nov-07
Condon Wind Power Project - Condon Phase II - REC Only	W833	Wind	Not Eligible	Not Eligible	1-Jun-02
Condon Wind Power Project - Condon Wind Power Project	W774	Wind	Not Eligible	Not Eligible	31-Dec-01
Klondike I - Klondike Wind Power LLC - REC Only	W238	Wind	Not Eligible	Not Eligible	1-Jan-02
Meadow Creek Wind Farm - Five Pine Project - REC Only	W3186	Wind	Not Eligible	Not Eligible	22-Dec-12
Meadow Creek Wind Farm - North Point Wind Farm - REC	W3185	Wind	Not Eligible	Not Eligible	11-Dec-12
Nine Canyon Wind Project - Nine Canyon Phase 3 - REC Or	W697	Wind	Not Eligible	Not Eligible	1-May-08
Stateline (WA) - FPL Energy Vansycle LLC - REC Only	W248	Wind	Not Eligible	Not Eligible	14-Dec-01
Adams Solar	TBD	Solar	Not Eligible	Not Eligible	TBD (2017)
Bear Creek Solar	TBD	Solar	Not Eligible	Not Eligible	TBD (2017)
Bly Solar	TBD	Solar	Not Eligible	Not Eligible	TBD (2017)
Elbe Solar	TBD	Solar	Not Eligible	Not Eligible	TBD (2017)
Enterprise Solar	W4938	Solar	Not Eligible	Not Eligible	29-Jul-16
Pavant Solar	W4619	Solar	Not Eligible	Not Eligible	30-Dec-15
Element Markets - REC Only	TBD	TBD	---	---	
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*Note: Includes eligible substitute RECs from Power County Wind Park South (WREGIS ID W2533)

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

Facility Name:

Goodnoe Hills

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
239,431	221,156	227,258	216,762	186,746	223,899	191,971		
100%	100%	100%	100%	100%	100%	100%	100%	100%
8%	8%	8%	8%	8%	8%	8%	8%	
18,896	17,608	17,896	17,392	15,039	18,292	15,514		-

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

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
18,896	18,896							
-								
	17,608	17,608						
	-							
		17,896	17,896					
		-						
			11,234	11,234				
			-					
				5,383	5,383			
				-				
					-	-		
						-	-	
							-	-
								-
(18,896)	1,288	(288)	6,662	5,851	5,383	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	18,896	17,608	24,054	20,890	23,675	15,514		-
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Facility Name:

Leaning Juniper

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Leaning Juniper	234,789	190,905	206,164	215,245	188,567	202,605	155,685		
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%	
Eligible MWh Available for RCW 19.285 Compliance	18,530	15,200	16,235	17,270	15,187	16,552	12,585		-

Non REC Eligible Generation

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

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	18,530	15,200	16,235	17,270	31,739	12,585		-
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Facility Name:

Marengo I

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Marengo I	403,408	358,669	331,240	367,390	298,771	356,053	315,543		
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%	100%	100%	100%	
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Compliance	31,837	28,557	26,084	29,478	24,062	29,087	25,507		-

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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
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
2011 Surplus Applied to 2012	31,837	31,837							
2012 Surplus Applied to 2011	-								
2012 Surplus Applied to 2013		28,557	28,557						
2013 Surplus Applied to 2012		-							
2013 Surplus Applied to 2014			26,084	26,084					
2014 Surplus Applied to 2013			-						
2014 Surplus Applied to 2015				29,478	29,478				
2015 Surplus Applied to 2014									
2015 Surplus Applied to 2016					24,062	24,062			
2016 Surplus Applied to 2015									
2016 Surplus Applied to 2017							-		
2017 Surplus Applied to 2016							-		
2017 Surplus Applied to 2018								-	
2018 Surplus Applied to 2017									
2018 Surplus Applied to 2019									-
Net Surplus Adjustments	(31,837)	3,280	2,473	(3,394)	5,416	24,062	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	31,837	28,557	26,084	29,478	53,149	25,507		-
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Facility Name:

Marengo II

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Marengo II	194,378	177,552	154,612	174,766	137,848	170,369	153,361		
Percent of MWh Qualifying Under RCW 19.285	100%	100%	100%	100%	100%	100%	100%	100%	
Percent of Qualifying MWh Allocated to WA	8%	8%	8%	8%	8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Compliance	15,341	14,137	12,175	14,022	11,102	13,918	12,396		

Non REC Eligible Generation

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

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	15,341	14,137	12,175	14,022	25,020	12,396		-
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Facility Name:

Bennett Creek Windfarm - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Bennett Creek Windfarm - REC Only	12,259				8,656	11,174			
Percent of MWh Qualifying Under RCW 19.285	100%				100%	100%	100%		
Percent of Qualifying MWh Allocated to WA	100%				100%	100%	100%		
Eligible MWh Available for RCW 19.285 Compliance	12,259	-	-	-	8,656	11,174		-	-

Non REC Eligible Generation

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

Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019
2011 Surplus Applied to 2012	12,259	12,259							
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					8,656	8,656			
2016 Surplus Applied to 2015						-			
2016 Surplus Applied to 2017							11,174		
2017 Surplus Applied to 2016									
2017 Surplus Applied to 2018									
2018 Surplus Applied to 2017									
2018 Surplus Applied to 2019									
Net Surplus Adjustments	(12,259)	12,259	-	-	(8,656)	(2,518)			-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	12,259	-	-	-	8,656	11,174		-
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Facility Name:

Hot Springs Windfarm - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Hot Springs Windfarm - REC Only	7,963				8,028	10,218			
Percent of MWh Qualifying Under RCW 19.285	100%				100%	100%	100%		
Percent of Qualifying MWh Allocated to WA	100%				100%	100%	100%		
Eligible MWh Available for RCW 19.285 Compliance	7,963	-	-	-	8,028	10,218		-	-

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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
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
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									
2018 Surplus Applied to 2017									
2018 Surplus Applied to 2019									
Net Surplus Adjustments	(7,963)	7,963	-	-	(8,028)	(2,190)	1,372		-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	7,963	-	-	-	8,028	10,218		-
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Facility Name:

***Tuana Springs - REC Only**

MWh Allocated to WA Compliance

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	12,253	43,002	41,752	-	-	-	-	-
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1,063 RECs from Power County Wind Park South

Facility Name:

Wanapum (Upgrade)

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Wanapum (Upgrade)		8,509	8,015						
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
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
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
2011 Surplus Applied to 2012		-							
2012 Surplus Applied to 2011	-								
2012 Surplus Applied to 2013			-						
2013 Surplus Applied to 2012		-							
2013 Surplus Applied to 2014				-					
2014 Surplus Applied to 2013			-						
2014 Surplus Applied to 2015					-				
2015 Surplus Applied to 2014						-			
2015 Surplus Applied to 2016							-		
Net Surplus Adjustments	-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	678	631	-	-	-	-	-	-
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Facility Name:

Prospect 2 (Upgrade 1999)

MWh Allocated to WA Compliance

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

Non REC Eligible Generation

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

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	328	293	278	226	329	346		-
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Facility Name:

Lemolo 1 (Upgrade 2003)

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Lemolo 1 (Upgrade 2003)		17,021	12,661	14,311	12,553	13,621	17,773		
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA		8%	8%	8%	8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Compliance	-	1,355	997	1,148	1,011	1,113	1,438		-

Non REC Eligible Generation

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

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	1,355	997	1,148	1,011	1,113	1,438		-
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Facility Name:

JC Boyle (Upgrade 2005)

MWh Allocated to WA Compliance

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

Non REC Eligible Generation

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

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	276	189	184	172	235	342		-
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Facility Name:

Lemolo 2 (Upgrade 2009)

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Lemolo 2 (Upgrade 2009)		1,781	1,290	1,355	1,066	1,144	1,567		
Percent of MWh Qualifying Under RCW 19.285		100%	100%	100%	100%	100%	100%	100%	100%
Percent of Qualifying MWh Allocated to WA		8%	8%	8%	8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Compliance	-	142	102	109	86	95	127		

Non REC Eligible Generation

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	142	102	109	86	95	127		-
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Facility Name:

Nine Canyon Wind Project - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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%	100%	100%	200%
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

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	2,500	8,225	-	-
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Facility Name:

Top of the World

MWh Allocated to WA Compliance

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

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Top of the World					570,069	651,049	611,543		
Percent of MWh Qualifying Under RCW 19.285					100%	100%	100%	100%	
Percent of Qualifying MWh Allocated to WA					8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	45,911	53,189	49,434		-

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

REC Sales / Transfers

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

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

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
Net Surplus Adjustments

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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									
Net Surplus Adjustments	-	-	-	-	(45,911)	(7,278)	53,189		-

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control									
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	45,911	102,623		-
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Facility Name:

Dunlap I

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
				339,706	388,498	351,261		
				100%	100%	100%	100%	
				8%	8%	8%	8%	
-	-	-	-	27,359	31,741	25,412		-

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
-	-							
-								
	-	-						
		-	-					
			-					
				-				
				27,359	27,359			
						-		
							24,513	
								-
-	-	-	-	(27,359)	27,359	(24,513)		-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	59,100	899		-
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Facility Name:

Campbell Hill/Three Buttes

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Campbell Hill/Three Buttes					294,027	333,872	311,597		
Percent of MWh Qualifying Under RCW 19.285					100%	100%	100%	100%	
Percent of Qualifying MWh Allocated to WA					8%	8%	8%	8%	
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	23,680	27,276	25,187		

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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
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
2011 Surplus Applied to 2012		-							
2012 Surplus Applied to 2011	-								
2012 Surplus Applied to 2013		-							
2013 Surplus Applied to 2012		-							
2013 Surplus Applied to 2014			-						
2014 Surplus Applied to 2013			-						
2014 Surplus Applied to 2015				-					
2015 Surplus Applied to 2014					-				
2015 Surplus Applied to 2016					23,680				
2016 Surplus Applied to 2015						23,680			
2016 Surplus Applied to 2017							-		
2017 Surplus Applied to 2016								-	
2017 Surplus Applied to 2018								25,187	
2018 Surplus Applied to 2017									-
2018 Surplus Applied to 2019									
Net Surplus Adjustments	-	-	-	-	(23,680)	23,680	(25,187)		-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	50,956	-		-
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Facility Name:

Glenrock Wind I

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
				289,386	311,607	268,269		
				100%	100%	100%	100%	
				8%	8%	8%	8%	
-	-	-	-	23,306	25,457	21,686		

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

REC Sales / Transfers

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
		-	-					
			-					
				-				
					23,306			
						13,886		
							13,886	
							-	
								-
								-
-	-	-	-	(23,306)	9,420	13,886	-	

Adjustment for Events Beyond Control

-	-	-	-	-	34,877	35,572		

Contribution to RCW 19.285 Compliance

Facility Name:

Rolling Hills

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
				5,468				
				100%				
-	-	-	-	5,468	-	-	-	

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	

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
-	-	-	-	-	-	-	-	

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-							
		-						
			-					
				-				
					-			
						-		
							-	
								-
-	-	-	-	(5,468)	5,468	-	-	

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	5,468	-	-	
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Facility Name:

SPI Aberdeen - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from SPI Aberdeen - REC Only
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

2011	2012	2013	2014	2015	2016	2017	2018
				40,000			
				100%			
-	-	-	-	40,000	-	-	-

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

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
-	-	-	-	-	-	-	-

Adjustments

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

2011	2012	2013	2014	2015	2016	2017	2018
	-						
-							
	-	-					
		-	-				
			-	-			
				-	-		
					-	-	
						-	-
							-
-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

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

Hidden Hollow - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Hidden Hollow - REC Only
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
Eligible MWh Available for RCW 19.285 Compliance

2011	2012	2013	2014	2015	2016	2017	2018	2019
				12,501	3,960			
				100%	100%			
-	-	-	-	12,501	3,960			

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
		-	-					
			-	-				
				-	-			
				12,501	12,501			
					3,960	3,960		
-	-	-	-	(12,501)	8,541	3,960	-	

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	12,501	3,960	-	
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Facility Name:

Fighting Creek - REC Only

MWh Allocated to WA Compliance

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

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

Non REC Eligible Generation

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
Net Surplus Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	730	-	-	
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Facility Name:

Lower Snake – Phalen Gulch - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Lower Snake – Phalen Gulch - REC Only					1,300				
Percent of MWh Qualifying Under RCW 19.285					100%		100%	100%	
Percent of Qualifying MWh Allocated to WA					100%				
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	1,300	-	-	-	

Non REC Eligible Generation

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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
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
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									
Net Surplus Adjustments	-	-	-	-	(1,300)	1,300	-	-	

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	1,300	-	-	
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Facility Name:

Elkhorn Valley Wind - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018
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

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

REC Sales / Transfers

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	4,468	-	-
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Facility Name: Condon Wind Power Project - Condon Phase II - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018
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%	100%
Percent of Qualifying MWh Allocated to WA						100%		
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	7,725	-	-

Non REC Eligible Generation

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

REC Sales / Transfers

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

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	7,725	-
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Facility Name: Condon Wind Power Project - Condon Wind Power Project - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018
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%	100%
Percent of Qualifying MWh Allocated to WA						100%		
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	8,286	-	-

Non REC Eligible Generation

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

REC Sales / Transfers

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	8,286	-
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Facility Name: Meadow Creek Wind Farm - Five Pine Project - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Meadow Creek Wind Farm - Five Pine Project - REC Only						29,719			
Percent of MWh Qualifying Under RCW 19.285						100%	100%	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
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
Quantity of RECs Sold									
Bonus Incentives Forfeited									
Bonus Incentives Not Realized									
Total Sold / Transferred / Unrealized	-	-	-	-	-	-	-	-	-

Adjustments

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	29,719	-	
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Facility Name: Klondike I - Klondike Wind Power LLC - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
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

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	8,543	-	
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Facility Name:

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018
-	-	-	-	-	-	-	-

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

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
-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018
	-						
-							
	-	-					
		-	-				
			-	-			
				-	-		
					-	-	
						-	-
							-
-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-	-
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Facility Name: Meadow Creek Wind Farm - North Point Wind Farm - REC Only

MWh Allocated to WA Compliance

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

REC Sales / Transfers

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	2,644	-
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Facility Name: Nine Canyon Wind Project - Nine Canyon Phase 3 - REC Only

MWh Allocated to WA Compliance

	2011	2012	2013	2014	2015	2016	2017	2018
Total MWh Produced / Purchased from Nine Canyon Wind Project - Nine Canyon Phase 3 - REC Only						4,668		
Percent of MWh Qualifying Under RCW 19.285						100%		
Percent of Qualifying MWh Allocated to WA						100%		
Eligible MWh Available for RCW 19.285 Compliance	-	-	-	-	-	4,668	-	-

Non REC Eligible Generation

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

REC Sales / Transfers

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

	-	-	-	-	-	-	4,668	-
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Facility Name: Stateline (WA) - FPL Energy Vansycle LLC - REC Only

MWh Allocated to WA Compliance

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

REC Sales / Transfers

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

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

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

Adams Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
							100%	
							22%	
-	-	-	-	-	-	-		-

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

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	2017	2019
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019

Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
	-		-					
		-		-				
			-		-			
				-				
					-			
						-		
							-	
								-
-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	-		-
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Facility Name:

Bear Creek Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
							100%	
							22%	22%
-	-	-	-	-	-	-		-

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
	-	-	-					
		-	-					
			-	-				
				-	-			
					-			
						-		
							-	
								-
-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

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Facility Name:

Bly Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
						-		
							100%	
							22%	
-	-	-	-	-	-	-		-

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
		-	-					
			-	-				
				-	-			
					-	-		
						-	-	
							-	-
								-
-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

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Facility Name:

Elbe Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
					-	-		-
							100%	
					0%	0%	22%	0%
-	-	-	-	-	-	-		-

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
	-		-					
		-						
			-	-				
				-				
					-			
						-		
							-	
								-
-	-	-	-	-	-	-	-	-

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

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Facility Name:

Enterprise Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
					84,577	224,267		
					100%	100%	100%	
					23%	22%	22%	
-	-	-	-	-	19,234	50,456		

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
		-	-					
			-	-				
				-				
					-			
						-		
							-	
								-
					19,234	19,234		
								-
						50,456	50,456	
								-
-	-	-	-	-	(19,234)	(31,222)		

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	-	19,234	50,456	
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Facility Name:

Pavant Solar

MWh Allocated to WA Compliance

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

2011	2012	2013	2014	2015	2016	2017	2018	2019
				1,391	109,951	118,002		
					100%	100%	100%	
				23%	23%	22%	22%	
-	-	-	-	316	25,003	26,549		-

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

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
-	-	-	-	-	-	-	-	-

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

2011	2012	2013	2014	2015	2016	2017	2018	2019
	-							
-								
	-	-						
		-	-					
			-					
				-				
					316			
						316		
						25,003	25,003	
							26,549	26,549
-	-	-	-	(316)	(24,687)	(1,546)		

Adjustment for Events Beyond Control

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Contribution to RCW 19.285 Compliance

-	-	-	-	-	316	25,003	26,549	
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Facility Name:

Element Markets - REC Only

MWh Allocated to WA Compliance

Total MWh Produced / Purchased from Element Markets - REC Only
 Percent of MWh Qualifying Under RCW 19.285
 Percent of Qualifying MWh Allocated to WA
 Eligible MWh Available for RCW 19.285 Compliance

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total MWh Produced / Purchased from Element Markets - 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

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

REC Sales / Transfers

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

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

Adjustments

2011 Surplus Applied to 2012
 2012 Surplus Applied to 2011
 2012 Surplus Applied to 2013
 2013 Surplus Applied to 2012
 2013 Surplus Applied to 2014
 2014 Surplus Applied to 2013
 2014 Surplus Applied to 2015
 2015 Surplus Applied to 2014
 2015 Surplus Applied to 2016
 2016 Surplus Applied to 2015
 2016 Surplus Applied to 2017
 2017 Surplus Applied to 2016
 2017 Surplus Applied to 2018
 2018 Surplus Applied to 2017
 2018 Surplus Applied to 2019
 Net Surplus Adjustments

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

Adjustment for Events Beyond Control

Adjustment for Events Beyond Control									
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Contribution to RCW 19.285 Compliance

Contribution to RCW 19.285 Compliance	-	-	-	-	-	-	-	-	-
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Compliance Contribution by Generation Type

	2011	2012	2013	2014	2015	2016	2017	2018
Wind	-	117,079	118,504	120,300	81,660	354,847	313,597	281,528
Solar	-	-	-	-	-	316	44,237	85,757
Water (Incremental Hydro)	-	2,779	2,212	1,719	1,495	1,772	2,253	1,848
Biomass	-	-	-	-	40,000	-	-	-
Geothermal	-	-	-	-	-	-	-	-
Landfill Gas	-	-	-	-	-	13,231	3,960	-
Sewage Treatment Gas	-	-	-	-	-	-	-	-
Wave, Ocean, Tidal	-	-	-	-	-	-	-	-
Biodiesel Fuel	-	-	-	-	-	-	-	-