

**Deadline:** June 1, 2017

**Submission:** Email this workbook and all supporting documentation to [EIA@commerce.wa.gov](mailto:EIA@commerce.wa.gov)

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#### RCW 19.285.070

##### Reporting and public disclosure.

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

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

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

#### WAC 194-37-060

##### Conservation reporting requirements.

Each utility shall submit an annual conservation report to the department by June 1st using a form provided by the department. The conservation report must show the utility's progress in the preceding year in meeting the conservation targets established in RCW [19.285.040](#) and must include the following:

(1) The total electricity savings and expenditures for conservation by the following sectors: Residential, commercial, industrial, agricultural, distribution system, and production system. A utility may report results achieved through nonutility programs, as identified in WAC [194-37-080](#)(5), by program, if the results are not included in the reported results by customer sector. Reports submitted in odd-numbered years must include an estimate of savings and expenditures in the prior year. Reports submitted in even-numbered years must include the amount of savings and expenditures in the prior two years. All savings must be documented pursuant to WAC [194-37-080](#).

(2) A brief description of the methodology used to establish the utility's ten-year potential and biennial target to capture cost-effective conservation.

(3) In even-numbered years the report must include the utility's ten-year conservation potential and biennial targets established pursuant to WAC [194-37-070](#).

#### WAC 194-37-110

##### Renewable resource energy reporting.

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

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

(a) The compliance method:

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

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

(iii) No-growth cost – RCW [19.285.040](#) (2)(d).

(b) The utility's load for the two years preceding the target year and the average load for those two years.

(c) The utility's renewable energy target for the target year.

(d) The amount of eligible renewable resources, RECs, and multiplier credits to be applied toward the utility's renewable energy target for the target year. The report must identify, by generating facility or hydroelectric project, including the WREGIS generating unit identification where applicable, and, in the case of RECs, by vintage year:

(i) The eligible renewable resources in megawatt-hours to be applied toward the renewable energy target for the target year;

(ii) The RECs to be applied toward the renewable energy target for the target year;

(iii) Any additional credit for eligible renewable resources or RECs from generating facilities eligible for the apprentice labor provision in RCW [19.285.040](#) (2)(h), applied toward the renewable energy target for the target year;

(iv) Any additional credit for RECs from generating facilities eligible for the distributed generation in RCW [19.285.040](#) (2)(b), applied toward the renewable energy target for the target year.

(e) 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. Each utility must include in its report documentation of the calculations and inputs to this amount.

(2) **Incremental cost compliance method report.** Each utility reporting pursuant to subsection (1)(a) of this section its use of the incremental cost compliance method for the target year must include the following information in its report:

(a) Annual revenue requirement for the target year;

(b) The annual levelized delivered cost of its eligible renewable resource(s) reported separately for each resource;

(c) The annual levelized delivered cost of its substitute resources and the eligible renewable resource with which it is being compared;

(d) The total cost of renewable energy credits to be applied in the reporting year;

(e) The percentage of its annual revenue requirement invested in the incremental cost of eligible renewable resources and the cost of RECs; and

(f) The most current information required by WAC [194-37-160](#) used for this financial demonstration.

(3) **No-growth cost compliance method report.** Each utility reporting pursuant to subsection (1)(a) of this section its use of the no-growth cost compliance method for the target year must include the following information in its report:

(a) Annual revenue requirement for the target year;

(b) Actual and weather-adjusted load for each year used in determining that the utility's load did not increase;

(c) Delivered cost of its eligible renewable resource(s), RECs or a combination of both for the target year to be applied to the one percent of annual revenue requirement, reported separately for each resource;

(d) Generating facility identification, vintage, quantity and cost of any RECs to be retired as an offset for nonrenewable resource purchases pursuant to RCW [19.285.040](#) (2)(d).

(4) **Final compliance report.** A utility must submit a final renewable compliance report by the later of (a) two years after the filing of the report required in subsections (1) through (3) of this section; or (b) ninety days after the issuance of the auditor's report for the target year. The final renewable compliance report must provide an update of any revisions to the information previously reported pursuant to this section or, if no revisions were made, notify the department that the initial report should be considered the final report. For any target year that a utility demonstrates to the auditor that it did not meet the annual renewable resource requirements in chapter [19.285](#) RCW due to events beyond the reasonable control of the utility per RCW [19.285.040](#) (2)(i), the utility must summarize these events in the final

RENEWABLE ENERGY WORKSHEET – REVISIONS TO 2015 REPORT

In addition to submitting the 2017 report, each qualifying utility should review the renewable energy report it submitted in 2015. In many cases, the specific resources and quantities actually used to comply with the 2015 target differ from what the utility reported in June 2015. Utilities should submit a revised 2015 report if the actual values differ from the values reported in 2015.

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

Please use the 2015 template and mark it as "revised." Contact Commerce to obtain a copy of the 2015 reporting template if necessary.

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Energy Independence Act (I-937) Conservation Report 2017

Utility Avista  
 Report Date \_\_\_\_\_  
 Contact Name/Dept Mark Baker, Demand Side Management  
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Planning  
 2016 - 2017 Planning  
 2016-2025 Ten  
 Year Potential 2016 - 2017  
 (MWh) Target (MWh)  
 383,063 82,477

Achievement

Conservation by Sector	2016 Achievement		2017 Achievement	
	MWh	Utility Expenditures (\$)	MWh	Utility Expenditures (\$)
Residential	33,589	\$5,838,459		
Commercial	37,421	\$10,339,410		
Industrial				
Agriculture				
Distribution Efficiency	178			
Production Efficiency	384			
NEEA	5,028	\$1,384,771		
Conservation expenditures NOT included in sector expenditures		\$2,073,971		
<b>Total</b>	<b>76,600</b>	<b>\$19,636,611</b>		

Note: Expenditure amounts do not include any customer or other non-utility costs.

Utility Avista  
 Compliance Year 2017

Notes, including a brief description of the methodology used to establish the utility's ten-year potential and biennial target to capture cost-effective conservation:

The Company's energy efficiency acquisition targets for the 2016-2017 Biennium were based upon a Conservation Potential Assessment (CPA) completed as part of Avista's 2015 Electric Integrated Resource Plan (IRP) by a third-party consultant applying methodologies consistent with the Northwest Power and Conservation Council's (NWPCC) Sixth Power Plan. Avista's 2016-2017 targets were approved in Order No. 01, Docket No. UE-152076, by the Washington Utilities and Transportation Commission (UTC) on January 28, 2016. <http://www.utc.wa.gov/docs/Pages/DocketLookup.aspx?FilingID=152076>  
 General rate case settlement in 2014 included a 5% increase in the 2016-17 Biennial Target for local energy savings. 72,626 MWh original target + 3,631 MWh (5% increase) = 76,257 MWh (local)  
 76,557 MWh (local) + 6,220 (NEEA) = 82,477 new 2016-17 Biennial Target

Savings numbers are for I-937 and NEEA but do not include fuel switching.

Commercial and Industrial customers are not tracked separately and are therefore listed under "Commercial."

Expenditures for distribution and production savings are part of the capital budget and not known specifically.

General expenditures are not applied to a specific sector.

Avista's evaluation, measurement and verification (EM&V) was performed by a contracted third party to calculate the verified energy savings in accordance with the Commission's Order. The Company's 2016 DSM Annual Conservation Report (provided under a separate cover) provides more data regarding Avista's 2016 programs and results. Electric EM&V cost \$370,179 in 2016.

The quantities submitted above include all areas of conservation effort and achievement, because the Commerce Conservation Report includes areas of conservation that are not used for target setting at the Utilities and Transportation Commission (UTC). Excess savings achieved will be determined using standard practices of the UTC.

The 2016-2017 MWh target of 72,626 as approved in Docket UE-152076, does not include savings reported by the Northwest Energy Efficiency Alliance (NEEA) that was captured with in the Conservation Potential Assessment.

<b>2016-2017 Biennial UTC target</b> 72,626 MWh	<b>Docket and Order</b> UE-152076, Order 01	<b>Types and quantities of Savings withheld from target</b> NEEA (6,220 MWh)
<b>2016-2017 Decoupling Commitment</b> 3,631 MWh	<b>Docket and Order</b> UE-140188, Order 015	<b>2016-2017 Total Target Subject to Penalty</b> 76,257 MWh

Under UTC standard practice, any type of conservation potential withheld from target setting is not counted as achievement to meet the target.

Achievement Applicable to	2016 Achievement	2017 Achievement	2016-2017 Biennial Achievement
	Utility Expenditures	Utility Expenditures	Utility Expenditures



Energy Independence Act (EIA) Incremental Cost and REC Cost Report 2017

**Incremental Cost of Renewable Resources**

Utility	Avista
Compliance Year	2017

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
Long Lake HED - Long Lake Unit 3	W2103	14,197	\$92,282	7	CCCT	\$1,141,013	80	-\$1,048,731
Little Falls HED - Little Falls Unit 4	W2102	4,862	\$112,198	23	CCCT	\$269,451	55	-\$157,253
Cabinet Gorge HED - Cabinet Gorge Unit 2	W1560	29,008	\$663,840	23	CCCT	\$3,233,260	111	-\$2,569,420
Cabinet Gorge HED - Cabinet Gorge Unit 3	W1561	45,808	\$861,603	19	CCCT	\$3,663,667	80	-\$2,802,064
Cabinet Gorge HED - Cabinet Gorge Unit 4	W1562	20,517	\$494,522	24	CCCT	\$2,451,932	120	-\$1,957,410
Noxon Rapids HED - Noxon Rapids Unit 1	W1530	21,435	\$1,780,183	83	CCCT	\$2,367,976	110	-\$587,794
NOXON RAPIDS HED - NOXON RAPIDS UNIT 2	W1552	7,709	\$887,937	115	CCCT	\$1,570,262	204	-\$682,325
Noxon Rapids HED - Noxon Rapids Unit 3	W1554	14,529	\$867,560	60	CCCT	\$1,982,089	136	-\$1,114,529
Noxon Rapids HED - Noxon Rapids Unit 4	W1555	12,024	\$782,277	65	CCCT	\$1,948,060	162	-\$1,165,783
Palouse Wind, LLC - Palouse Wind	W2906	315,430	\$26,347,159	84	CCCT	\$19,465,457	62	\$6,881,703
Nine Mile HED - Nine Mile HED	W216	8,804	\$2,437,268	277	CCCT	\$670,866	76	\$1,766,402
Nine Mile HED 2 - Nine Mile HED 2	W283	13,146	\$3,639,502	277	CCCT	\$945,514	72	\$2,693,988
Kettle Falls Woodwaste Plant - Kettle Falls Woodwaste Plant	W130	287,143	\$0	-	NA	\$0	-	\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
	0	-						\$0
<b>Totals</b>		<b>794,612</b>	<b>\$38,966,331</b>			<b>\$39,709,547</b>		<b>-\$743,216</b>

**Cost of Renewable Energy Credits**

Utility	Avista
Compliance Year	2017

Facility Name	WREGIS ID	REC Vintage (Year)	Number of RECS	Annual Cost of Renewable Energy Credits	Cost per REC	Documentation of the calculation and inputs for percentage of revenue requirement invested in renewables:
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
	0	0	-			
<b>Total</b>				<b>\$0</b>		