Energy Independence Act (I-937) **Report Workbook Instructions**

Revised 5/1/2014

Deadline: Friday, June 1, 2014

Submission: Email this Workbook and all supporting documentation to **EIA@commerce.wa.gov**

Questions: Glenn Blackmon, State Energy Office, (360) 725-3115

#REF!

The Energy Independence Act (EIA) "RCW 19.285.070, Reporting and public disclosure" requires each qualifying utility to submit an annual report describing compliance with the law.
This template implements the public reporting requirement. Additional documentation may be necessary to demonstrate full compliance with EIA. The EIA reports will be made available to the public via Commerce's website, http://www.commerce.wa.gov/eia.

Excel Report Workbook: Contains one worksheet for Renewables and one for Conservation.

Each worksheet includes formulas for drawing results from input. Gray areas are for data input. Yellow areas are supported by formulas and require no inputs. In some cases you will want to skip over a yellow section because it summarizes detailed data that follow. The workbook requests numeric summaries as well as narratives and supporting notes. Commerce relies on the utilities to provide enough detail in the written section to ensure members of the public understand the data provided. **Please submit this Workbook in Excel format (i.e., do not submit in PDF format).**

Attachments: If you provide supporting documentation, Commerce will post that material along with your Excel Workbook. Please provide a reference to any attachments in the Excel workbook.

CONSERVATION WORKSHEET

Reporting Context: The conservation report includes two elements:

(1) a report of conservation achievement in the prior (2012-2013) biennial period relative to the targets established by the utility for that period.

(2) a report of the utility's 10-year conservation potential and biennial target for the 2014-2015 period.

Planning:

- For the period starting January 2012, report the utility's 10-year potential and two-year target. *If the 2012-2013 target is different from the value in the utility's June 1, 2013, report, please provide an explanation of the difference in the Conservation Notes section.*
- For the period starting in 2014, report the utility's 10-year potential and two-year target as established by the utility by January 1, 2014.

Achievement: Report electric energy savings and conservation program cost in this section. The report shall include total electricity savings and cost by customer sector (residential, commercial, industrial, and agricultural), by production efficiencies, and by distribution efficiencies. The sectors listed are per WAC 194-37-060. Because it is a major category, we have listed NEEA separately.

Blank rows have been provided under sector-specific achievement and expenditures. If a utility summarizes data differently, or includes additional sector categories, it must add a sector name and enter the values. This may apply to investor-owned utilities that divide sectors differently. This may also be necessary to account for third-party programs, federal and state efficiency standards, or codes.

Conservation Expenditures NOT included in Sector Expenditures: Some utilities have indicated they do not break down expenditures on staff, overhead, information services or other conservation- related expenses by sector. If that is the case, provide additional cost-related information in this section of the worksheet. Do not include energy savings estimates in this section.

Methodology: Describe the methodology used to establish the utility's ten-year potential and biennial targets for the period beginning January 1, 2014. Utilities are expected to provide sufficient detail for full public disclosure. We recommend you reference any detailed plans as approved by consumer owned utility governing authorities or investor owned utility regulators. Include web site addresses and utility contact information for referenced documentation. Planning and decision documents may be included as attachments.

Utilities should specifically state which of the three methods described in WAC 194-37-070, as the rule existed when the utility established its target in 2013. (WAC 194-37-070 was amended in February 2014.) The three methods are:

- Conservation Calculator Option: WAC 194-37-070(4).
- Modified Conservation Calculator Option: WAC 194-37-070(5).
- Utility Analysis Option: WAC 194-37-070(6).

Conservation Notes: At the end of this worksheet you will find a text box called "Conservation Notes". This is a place for any additional explanatory statements, web links or references the utility would like to include.

RENEWABLE ENERGY WORKSHEET

This worksheet covers the renewable energy reporting requirements that apply to all qualifying utilities, regardless of its method of compliance. A utility electing to comply using the "no load growth" approach or the "cost cap" approach must submit additional documentation.

Reporting Context: The June 1, 2014 renewable energy report summarizes the eligible renewables resource and renewable energy credits that the utility has acquired and or has under contract by January 1, 2014. This describes the renewables acquisitions and investments made prior to the beginning of the target year to meet the requirements of the EIA.

Worksheet Organization: The first page of the renewables worksheet includes targets and summarizes detailed reporting from pages 2 and 3. Page 2 provides facility level reporting for renewable resources. Page 3 provides facility level reporting for renewable energy credits. Page 4 provides a text box where the utility may include explanatory statements, references or web links to supporting information.

Compliance Method: Select one or more of the three compliance methods that the utility intends to use. The EIA provides three compliance methods. A utility must make that determination by January 1, 2014 and must include information establishing its compliance method in this report.

Expenditures [NEW for 2014]
Utilities must report the percentage of retail revenue requirement invested in the incremental cost of eligible renewable resources and the cost of renewable energy credits. No specific method of calculating this percentage is required, but each utility must include in its report documentation of the calculations and inputs to this amount. WAC 194-37-110, effective 2/24/2014.

Note for Investor Owned Utilities (IOUs): Details on page 2 and 3 are designed to meet reporting requirements for consumer-owned utilities. The Utilities and Transportation Commission and IOUs have developed their own report form that details renewable energy achievements. Commerce requests that IOUs complete page 1 of the renewable worksheet, including rows 21 and 22. When completed, Commerce will attach the reports provided under 480-109-040 WAC to complete the details.

[Page 2] Renewable Resources: This table provides reporting of renewable resource generation (MWh) by facility and renewable energy type. It includes facility level entries for additional credits for Apprentice Labor, where applicable. For each facility, enter the renewable energy generation in the appropriate column by type. If generation is eligible for Apprentice Labor credits enter the amount in the appropriate column. For example, a wind facility meeting the apprentice labor requirements will report wind generation in column E and apprentice labor MWh equivalents in column I.

[Page 3] Renewable Energy Credits: This table provides reporting of renewable energy credits (one REC represents one MWh) by facility and renewable energy type. It includes facility level entries for Apprentice Labor and Distributed Generation credits. Report the facility name, the WREGIS generating unit identification number (GUID) and the vintage of the renewable energy credits (RECs). For facilities where RECs from two different years from the same facility are used, provide two rows for entry.

Additional reporting for compliance option 19.285.040(2)(d), "no load growth"

Utilities electing to comply using the no-load growth method should attach a separate report with the data elements specified in WAC 194-37-110(5), effective 2/24/2014. Investor owned utilities should provide a summary of documentation required by the Utilities and Transportation Commission.

Additional reporting for compliance option RCW 19.285.050, "cost cap"

Utilities electing to comply using the cost cap method should attach a separate report with the data elements specified in WAC 194-37-110(4), effective 2/24/2014. Investor owned utilities should provide a summary of documentation required by the Utilities and Transportation Commission.

[Page 4] Notes: Provide any additional information needed to support your renewables data.

RENEWABLE ENERGY WORKSHEET – REVISIONS TO 2012 REPORT

In addition to submitting the 2014 report, each qualifying utility should review the report it submitted in 2012. In many cases, the specific resources and quantities actually used to comply with the 2012 target differ from what the utility reported in June 2012. Utilities should submit a revised 2012 report if the actual values differ from the values reported in 2012.

Please use the 2012 template and mark it as revised. Contact Commerce to obtain a copy of the 2012 reporting template if necessary.

#REF!

Energy Independence Act (I-937) **Conservation Report 2014**

Utility	**Avista Corp.**
Report Date	*Revised - August 7, 2014*
Contact Name/Dept	**Mark Baker. Demand Side Management**
Phone	(509) 495-4864
Email	mark.baker@avistacorp.com

Summary of Achievement and Targets

	2012-2013 Biennial		2014-2015 Biennial
Target (MWh)	108,589	Target (MWh)	76,086
Achievement (MWh)	171,570		
Difference (MWh)	(62,981)		

Planning

2012 - 2013 Planning		2014 - 2015 Planning	
2012-2021 Ten Year Potential (MWh)	**2012 - 2013 Target (MWh)**	**2014-2023 Ten Year Potential (MWh)**	**2014 - 2015 Target (MWh)**
600,653	**108,589**	**394,200**	**76,086**

Achievement

	2012 Achievement		2013 Achievement	
Conservation by Sector	**MWh**	**Utility Expenditures ($)**	**MWh**	**Utility Expenditures ($)**
Residential		$2,903,664	45,036	$3,823,310
Commercial		$9,977,917	70,994	$6,896,851
Industrial				
Agriculture				
Distribution Efficiency		$4,031,731	42,292	
Production Efficiency				
NEEA		$1,519,456	34,427	$1,458,093
Conservation expenditures *NOT* included in sector expenditures				
General		$2,239,638		$2,726,180
Total	**-**	**$20,672,406**	**192,749**	**$14,904,434**

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

Utility	**Avista Corp.**

Description of Methodology:

The Company's energy efficiency acquisition targets for the 2012-2013 Biennium were based upon a Conservation Potential Assessment (CPA) completed as part of Avista's 2011 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 2012-2013 targets were approved in Order No. 01, Docket No. UE-111882, by the Washington Utilities and Transportation Commission (UTC) on February 10, 2012. The Commission Order provides procedural and substantive background and detail, the web link to the do cuments is as follows: http://www.utc.wa.gov/docs/Pages/DocketLookup.aspx?FilingID=111882.

The Company committed to a range of acquisition rather than a point estimate (for 2012-2013) in recognition of the uncertainties inherent in the estimation process; particularly with the inclusion of substantial distribution efficiency savings. Avista is reporting the target's low-range number herein, consistent with RCW 19.285 and WAC 480-109.

The Company's energy efficiency acquisition targets for the 2014-2015 Biennium were based upon a Conservation Potential Assessment (CPA) completed as part of Avista's 2013 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 2014-2015 targets were approved in Order No. 01, Docket No. UE-132045, by the Washington Utilities and Transportation Commission (UTC)

Conservation Notes:

Energy savings were evaluated on a 2012-2013 biennial basis by a third party and therefore, are being reported on a biennial basis in 2013, as well as NEEA being reported on a biennial basis. Savings numbers are for I-937 and do not include fuel switching of 4,642 MWh.

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

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 2012 Annual Demand Side Management (DSM) Report and 2013 Annual Demand Side Management (DSM) Report (provided under separate covers) provide more data regarding Avista's 2012 and 2013 programs and results.

Energy Independence Act (EIA) **Renewable Energy Report 2014**

Utility	**Avista Corporation**
Report Date	May 30, 2014
Utility Contact Name/Dept	John Lyons/Resource Planning
Phone	509-495-8515
Email	John.Lyons@avistacorp.com

2014 Compliance Method:

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

Amount inves
Total annual r
Investment in

	(a) Water	(b) Wind	(c) Solar Energy	(d) Geothermal Energy	(e) Landfill Gas
	MWh	MWh	MWh	MWh	MWh
Eligible Renewable Resources (MWh)	191,235	349,726	-	-	-
Renewable Energy Credits (MWh)		-	-	-	-
Total Renewables (MWh)	191,235	349,726	-	-	-

2014 Reporting Year:
This renewable energy report summarizes the eligible renewables resources and renewable energy cred
Independence Act (EIA) renewables target for 2014. The actual resources and RECs used to comply wit
results for 2014.

Compliance Methods:
The EIA provides three compliance methods for utilities:
-- Meet the renewable energy target using any combination of renewable resources and RECs. The targ
-- Invest at least 4% of the utility's annual revenue requirement in the incremental cost of renewable resc
-- Invest at least 1% of its annual revenue requirement in renewable resources and RECs. This option is

All utilities must report the renewable resources and RECs acquired for the 2014 target year. Utilities tha
demonstrating compliance with that method.

NOTE: This is a general explanation of the renewable energy requirements of the Energy Independence

Renewable Resources

Utility	**Avista Corporat**
Compliance Year	**2014**

Note: *Investor Owned Utilities may complete this page or attach their Utilities and Transportation Commission Renewable and Conservation filings for 2014.*

		(a)	(b)	(c)
		Water	**Wind**	**Solar Energy**
Facility Name	**WREGIS ID**	MWh	MWh	MWh

Long Lake #3	W2103	14,197		
Little Falls #4	W2102	4,862		
Cabinet Gorge #2	W1560	29,008		
Cabinet Gorge #3	W1561	45,808		
Cabinet Gorge #4	W1562	20,517		
Noxon Rapids #1	W1530	21,435		
Noxon Rapids #2	W1552	7,709		
Noxon Rapids #3	W1554	14,529		
Noxon Rapids #4	W1555	12,024		
Wanapum Fish Bypass	N/A	21,146		
Palouse Wind	W2906		349,726	

Renewable Energy Credits

Utility **Avista Corporat**

Compliance Year **2014**

			(a)	(b)	(c)
			Water	**Wind**	**Solar Energy**
Facility Name	**WREGIS ID**	**REC Year**	MWh	MWh	MWh

Utility	**Avista Corporat**
Target Year	**2014**

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

Please refer to Appendix B for documentation of the inputs for the percentage of revenue requirement

Other notes and explanations:

In 2008, Avista purchased 50,000 renewable energy certificates per year generated from the Stateline W
sold the renewable energy certificates for 2012 through 2014 because they became surplus of the Comp
concerning the need for reserves for qualifying hydroelectric upgrades. Avista retained the 2015 renewa
energy certificates purchased from the Stateline Wind Project for 2014 are not included in this filing bec

Loads and Resources	
2012 Annual Load (MWh)	5513396
2013 Annual Load (MWh)	5678868
Average of 2012 & 2013 Annual Loads (MWh)	5596132
2014 Renewable Target (% of load)	3%
2014 Eligible Renewable Energy Target (MWh)	167883.96
Eligible Renewables Acquisitions / Investments (MWh)	610906.3984

Expenditures on Renewable Resources and RECs - 2014	
sted in incremental cost of eligible renewable resources and the cost of RECs	$5,652,247
retail revenue requirement - 2014	$463,237,753
renewables and RECs as a percent of retail revenue requirement	1.2%

(f)	(g)	(h)	(i)	(j)	(k)
Wave, Ocean, Tidal	**Gas from Sewage**	**Biodiesel**	**Biomass Energy**	**Apprentice Labor**	**Distributed Generation**
MWh	MWh	MWh	MWh	MWh equiv.	MWh equiv.
-	-	-	-	69,945	
-	-	-	-	-	-
-	-	-	-	69,945	-

dits (RECs) that the utility has acquired by January 1, 2014 for the purpose of meeting its Energy
:h the 2014 EIA target may vary from those reported here. Utilities will report in June of 2016 on the actual

et for 2014 is 3% of the utility's load
ources and RECs.
available only to certain utilities that are not growing.

t elect to use a compliance method based on renewable investments must provide additional information

Act, intended to help members of the public understand the information reported by the utility. Consult

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(d)	(e)	(f)	(g)	(h)	(i)	(j)
Geothermal Energy	**Landfill Gas**	**Wave, Ocean, Tidal**	**Gas from Sewage Treatment**	**Biodiesel**	**Biomass Energy**	**Apprentice Labor**
MWh	MWh	MWh	MWh	MWh	MWh	MWh equiv.

						69,945

ion

(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Geothermal Energy	**Landfill Gas**	**Wave, Ocean, Tidal**	**Gas from Sewage Treatment**	**Biodiesel**	**Biomass Energy**	**Apprentice Labor**	**Distributed Generation**
MWh	MWh	MWh	MWh	MWh	MWh	MWh equiv.	MWh equiv.

ion

newables:

invested in renewables.

Vind Project for the 2012 through 2015 period to comply with RCW Chapter 19.285 requirements. Avista pany's needs in 2011 with the acquisition of the Palouse Wind Power Purchase Agreement and decisions able energy certificates since they are eligible for 2016 compliance obligations. The 50,000 renewable cause they have already been sold and are not being submitted for compliance.

Select

19.285.040 (2)(b) Renewables Target
19.285.040 (2)(d) No Load Growth
19.285.050 Incremental Resource Cost