

Energy Independence Act (I-937) Reporting Instructions

May 2012

Deadline: Friday, June 1, 2012, 11:59 pm PST

Submission: Email this Workbook and any supporting documentation to I937@commerce.wa.gov

Questions: Chuck Murray, State Energy Office, (360) 725-3113

The Energy Independence Act (EIA) "RCW 19.285.170, Reporting and public disclosure" requires each qualifying utility to develop an annual report describing compliance with the Act. Commerce has developed this template to ensure consistent reporting from all utilities. This template only requests data required to complete the public reporting requirement. Additional documentation will be required by the applicable regulator to demonstrate full compliance with EIA. The EIA reports will be made available to the public via Commerce's web site, www.commerce.wa.gov/energy.

At utility stakeholders' request, Commerce developed a report template consistent with the EIA RCWs and WACs. We believe it is within the scope of our authority to request the data described in the template. Some utilities have taken exception to certain data requests. In the interest of facilitating timely compliance with the statutory reporting requirement, we suggest that utility staff who believe that specific data requests are not justified simply omit the data they object to and place an explanation in the "notes" section. Once all reports are received, Commerce will evaluate the results and see if any changes to the template (or the WAC) are necessary for the 2013 report.

This report template does not include reporting format for utilities choosing to use alternative compliance methods per RCW 19.285.040(2) (d), (i) or 19.285.050(1). This year, Commerce does not anticipate any utilities will opt for this method. If a utility chooses to comply using any the alternative report format, contact Commerce prior to the June 1, 2012 deadline to discuss.

Excel Workbook: This report template contains one worksheet for Renewables and one for Conservation. Each worksheet includes formulas that complete some of the input. Grey areas are for data input. Yellow areas are supported by formulas and do not require inputs. In some cases you will want to skip over a yellow section because it summarizes detailed data that follows. The form 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.

Conservation Worksheet

The worksheet includes formulas that complete some of the input. Use the grey areas for data input. Yellow areas are supported by formulas and do not require inputs. In some cases you will want to skip over yellow section because they summarize detailed data that follows. The worksheet is set up to print three pages.

Utility name and contact information: Complete each field.

2010-2011 Biennial Summaries of Targets and Achievement: This section will sum detailed data provided below. No entries needed here.

2012-2013 Biennial Targets: This section will sum detailed data provided below. No entries needed here.

Planning: The planning section provides the ten-year potential and 2 year plan for each noted biennium. Supporting information is required on page 2 of this worksheet.

Achievement: Summarizes electrical savings and conservation program cost. Conservation achievement and cost must be reported by sector. The sectors are listed per WAC 194-37-060. The summary shall include total electricity savings and cost by customer sector (residential, commercial, industrial, and agricultural), by production efficiencies, and by distribution efficiencies. For third party programs, we have listed NEEA as a separate category.

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

Conservation expenditures NOT included in sector expenditures: Some utilities have indicated they do not include expenditures on staff, overhead or other conservation related expenses by sector. If that is the case, please provide any necessary cost-related information. Do not include energy savings estimates in this section, just cost.

Methodology: Briefly describe methodology used to establish the utility's ten-year potential and biennial targets. It is expected that utilities will provide sufficient detail for full public disclosure. We recommend you reference any detailed plans as approved by public utility boards or utility regulators. For public access, include web site addresses and utility contact information for referenced documentation. Add additional pages if necessary.

Notes: Provide any additional information necessary to support your conservation data.

Renewable Energy Worksheet

The first page establishes targets and summarizes achievement. Page 2 provides facility level reporting for renewable resources. Page 3 provides facility level reporting for renewable energy credits. Page 4 provides space for any clarification of data entries. This year the renewable section is based on estimates for 2012 established through facility ownership or through contracts in place prior to January 1, 2012. This is the best estimate of anticipated resources. These figures will be updated with actual figures in the 2013 report.

Annual Retail Revenue Requirement: The utility's target year 2012. This includes revenue required to comply with EIA.

Budgeted Incremental Expenditures on Eligible Renewable Resources: Provide budget estimate for eligible renewable resources based on contracts secured for renewable resources.

Budgeted Expenditures for Renewable Energy Credits: Provide budget estimate for eligible renewable resources based on existing ownership or contracts secured for renewable energy credits.

Total Budgeted Incremental Expenditures = Budgeted Incremental Expenditures on Eligible Renewable Resources + Budgeted Expenditures for Renewable Energy Credits

Budgeted Incremental Expenditures on Renewable Resources as % of Annual Retail Revenue Requirement = Total Budgeted Incremental Expenditures / Annual Retail Revenue Requirement

2010 Annual Load (MWh): Load delivered to customers.

2011 Annual Load (MWh): Load delivered to customers.

Average of 2010 and 2011 Loads (MWh): *Calculated* = average of 2010 and 2011 loads.

Statutory Target 2012 to 2015 = 3 percent

2012 Renewable Energy Target (MWh): *Calculated* = average of 2010 and 2011 Loads (MWh) X .03

[Row 26] Eligible Renewable Resources: This row represents the sum of entries made on page 2, and provides summary accounting of megawatt-hours for each type of eligible renewable resource acquired. This row also includes equivalent MWh added for apprentice labor or distributed generation. For some facilities, the report will require entries in two columns. For example, a wind facility meeting the apprentice labor requirement will report wind generation in column E and apprentice labor credits in column L.

Renewable Achievement (MWh): For each column = Eligible Renewable Resources (row 26) + Renewable Energy Credits (row 27)

[Row 27] Renewable Energy Credits: This row represents the sum of entries made on page 3, and provides summary accounting of megawatt-hours for each type of eligible renewable resource acquired. This row also includes equivalent MWh added for Apprentice Labor or Distributed Generation. For some facilities, the report will provide entries in two columns. For example, a wind facility meeting the apprentice labor requirements will report wind generation in column E and apprentice labor credits in column L.

[Row 29] 2012 Renewable Energy Acquired* (MWh): *Calculated* = sum of Renewable Energy Achievement

Note for Investor Owned Utilities (IOUs): *Details on page 2 and 3 are designed to meet reporting requirements for public 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 26 and 27. 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 Apprentice Labor and Distributed Generation credits. For each facility, enter the renewable energy generation in the appropriate column by type. If generation is eligible for Apprentice Labor or Distributed Generation credits enter these 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 (MWh) by facility and renewable energy type. It includes facility level entries for Apprentice Labor and Distributed Generation credits. In the facility column, include both facility name and renewable energy credit (RECs) vintage. For facilities where RECs are taken in two different years, provide two rows for entry. In the following example, Open Market Wind Farm is noted twice---in 2012 and in 2013.

Facility Name and (REC Vintage)

Green Power Consolidators (2012)

Paper Mill Co. (2012)

Open Market Wind Farm (2012)

Open Market Wind Farm (2013)

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

Energy Independence Act (I-937) Conservation Report

Utility Puget Sound Energy
 Report Submittal Date June 1, 2012
 Utility Contact Name/Dept Daniel Anderson
 Phone 425 456-2306
 Email daniel.anderson@pse.com

	2010-2011 Biennial		2012-2013 Biennial
Target (MWh)	622,000	Target (MWh)	666,000
Achievement (MWh)	644,391		
Difference (MWh)	22,391	Exceeded Target	

Planning

	2010 - 2011 Planning		2012 - 2013 Planning	
	Ten Year Potential (MWh)	2010 - 2011 Target (MWh)	Ten Year Potential (MWh)	2012 - 2013 Target (MWh)
Total	3,758,773	622,000	3,531,508	666,000

Achievement

Conservation by Sector	2010 Achievement		2011 Achievement	
	MWh	Utility Expenditures (\$)	MWh	Utility Expenditures (\$)
Residential	105,490	26,674,000	143,285	28,734,000
Commercial	148,113	35,109,000	165,641	35,241,300
Industrial	16,457	3,901,000	18,405	3,915,700
Agriculture	-	-	-	-
Distribution Efficiency	-	-	-	-
Production Efficiency	-	-	-	-
NEEA	23,500	4,946,000	23,500	5,242,000
High-efficiency Co-generation^a				
Conservation expenditures NOT included in sector expenditures				
Support Activities		2,730,000		3,315,000
Total	293,560	73,360,000	350,831	76,448,000

Methodology: Per WAC 194-37-060 (3) briefly describe the methodology used to establish the utility's ten-year potential and biennial target to capture cost-effective conservation, including the share of this target to be captured by efficiency improvement

The Company's 2009 Integrated Resource Plan (IRP) was the source of its ten-year conservation potential, which was 3,748,773 MWh at the customer meter level. The ten-year potential was reviewed in a series of IRPAG (Integrated Resource Potential Advisory Group) meetings in 2008 and 2009. The Company's two-year conservation target of 622,000 MWh at the customer meter was determined by prorating its ten-year conservation potential, incorporating several factors, as detailed in the IRP.

The relevant portions of the IRP that describe the technologies, data collection, processes, and assumptions that were used in determining the ten-year conservation potential and two-year conservation target are fully discussed in Chapters 5, 8, Appendix I, and Appendix L, Volume 1 of the IRP. The Company's methodologies were consistent with that of the NW Power Planning Council (the Council). The complete final 2010-2011 ten-year conservation potential and two-year conservation target compliance filing was made on June 18, 2010. The 2009 IRP was filed with the WUTC on July 30, 2009 in Docket No. UE-080949.

Conservation Notes:

- 1) PSE met or exceeded savings targets while managing ratepayer funds with a high degree of prudence.
- 2) Biennial Conservation Target (71 aMW, or 622,000 MWh) was filed with and approved by the Commission in December 2009. MWhs are first-year savings as reported at the customer meter.
- 3) All figures are detailed in PSE's 2010 and 2011 EES Annual Report of Energy Conservation Accomplishments, filed with the WUTC on Feb 15, 2011 and Feb 15, 2012, respectively.
 - a) Under terms of RCW 19.285.040(c), qualifying utilities "...may count high-efficiency cogeneration owned and used by a retail electric customer to meet its own needs. ... in the same manner as other conservation savings."

PSE does not track Commercial and Industrial sectors separately. PSE's Customer Solutions/Energy Efficiency's sectors are Residential Energy Management, Business Energy Management (which is comprised of Commercial and Industrial) and NEEA. Historically, Commercial activity comprises approximately 90 percent, and Industrial activity comprises approximately 10 percent of the sector's conservation. The above figures in the indicated fields represent those proportions.

Support Activities include: Program Evaluation, Market Research & Strategic Planning, Mainstreaming Green, Market Integration, Energy Efficient Communities, Conservation Supply Curves, Trade Ally Support, and other information services.

