



e-FILING REPORT COVER SHEET

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REPORT NAME: 2015 Smart Energy™ Reconciliation Report

COMPANY NAME: NW Natural Gas Company

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes

If yes, please submit only the cover letter electronically. Submit confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

If known, please select designation: RE (Electric) RG (Gas) RW (Water) RO (Other)

Report is required by: OAR

Statute

Order

Other Portfolio Options Committee requested report annually

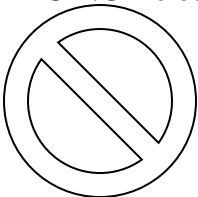
Is this report associated with a specific docket/case? No Yes

If yes, enter docket number:

List applicable Key Words for this report to facilitate electronic search:

NW Natural, Smart Energy™, offsets, reconciliation report, POC, Portfolio Options Committee, 2015

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- Annual Fee Statement form and payment remittance or
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- Any other Telecommunications Reporting or
- Any daily safety or safety incident reports or
- Accident reports required by ORS 654.715

Please file the above reports according to their individual instructions.

GAIL A. HAMMER

Tariffs and Regulatory Compliance
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September 25, 2015

Public Utility Commission of Oregon
Attention: Filing Center
201 High Street SE Suite 100
Post Office Box 1088
Salem, Oregon 97308-1088

Re: **RG-2 - NW Natural's 2015 Smart Energy™ Reconciliation Report**

Northwest Natural Gas Company, dba NW Natural ("NW Natural" or the "Company"), hereby files its Smart Energy™ Reconciliation Report for the program year of January 1, 2014 through December 31, 2014, as requested by the Portfolio Options Committee, which oversees and advises the Company's offset program.

Please contact me at (503) 226-4211, extension 5865, if you have any questions.

Sincerely,

NW NATURAL

/s/ Gail Hammer

Gail Hammer
Rates & Regulatory Affairs

Attachment

Smart Energy Product Reporting

Demand Reconciliation

For the period of January 1, 2014 – December 31, 2014

Table 1: Participating Customer Billings & Resulting Greenhouse Gas Offsets

Calendar Year	Smart Energy Funds Billed	Therms to be offset	Obligation short tons
2014	\$1,451,450.86	13,807,401.77	80,773.30

11.7 pounds per therm based on the recognized standard of U.S. Energy Information Administration
170.94 therms per short ton

Smart Energy Product Reporting

Supply Reconciliation

For the Life of the Program

December 31, 2014

Table 1: Project Obligations by Calendar Year

Project	Year Contracted						Total Tons	% Obligations
	2009	2010	2011	2012	2013	2014		
Whitesides	18,813						18,813	6%
FP Rexville	10,500			47,281			57,781	19%
Lochmead		23,148					23,148	8%
Lynden		22,046					22,046	7%
Oak Lea			25,628				25,628	9%
Moses Lake				51,816	240	60,186	112,242	38%
FP Misty Meadow				13,228			13,228	4%
FP Tillamook					8,047		8,047	3%
TMF Biofuels						16,535	16,535	6%
	29,313	45,194	25,628	112,325	8,287	76,720	297,467	100%

Table 2: Project Retired Offsets by Calendar Year

Project	Year Retired						Total Tons	% of Retired
	2009	2010	2011	2012	2013	2014		
Whitesides	18,813						18,813	17%
FP Rexville			1,325	1,835	2,360	2,246	7,766	7%
Lochmead				2,205	2,220		4,425	4%
Lynden					18,910	3,136	22,046	20%
Oak Lea						1,495	1,495	1%
Moses Lake				6,005	34,608	16,019	56,632	51%
FP Misty Meadow							0	0%
FP Tillamook							0	0%
TMF Biofuels							0	0%
	18,813	0	1,325	10,045	58,098	22,896	111,177	100%

Table 3: Demand by Calendar Year & Projects Obligated

Funds Received	Project obligated	Date Obligated	Project Tons	% of Demand	Tons Obligated	Deadline	Therms Funded Tons	Difference
2008	FP Rexville	Sept. 2009	10,500.0	62.4%	16,814	1/1/2010	16,814.16	0.00
	Whitesides	Sept. 2009	6,314.2	37.6%				
2009	Whitesides	Sept. 2009	12,498.8	44.6%	28,019	1/1/2011	28,018.56	0.00
	Lochmead	July 2010	15,519.7	55.4%				
2010	Lochmead	July 2010	7,628.3	20.6%	37,020	1/1/2012	37,019.65	0.00
	Lynden	Oct. 2010	22,046.0	59.6%				
	Oak Lea	Sept. 2011	7,345.4	19.8%				
2011	Oak Lea	Sept. 2011	18,282.6	37.9%	48,195	1/1/2013	48,195.41	0.00
	Moses Lake	June 2012	29,912.8	62.1%				
2012	Moses Lake	June 2012	21,903.2	39.8%	54,989	1/1/2014	54,989.45	0.00
	FP Misty Meadow	Sept. 2012	13,228.0	24.1%				
	FP Rexville	Dec. 2012	19,858.2	36.1%				
2013	FP Rexville	Dec. 2012	27,422.8	39.2%	69,979	1/1/2015	69,979.07	0.00
	FP Tillamook	June 2013	8,047.0	11.5%				
	Moses Lake	Nov. 2013	240.0	0.3%				
	Moses Lake	July 2014	34,269.3	49.0%				
2014	Moses Lake	July 2014	25,916.3	32.1%	42,451	1/1/2016	80,773.30	(38,322.52)
	TMF Biofuels	Aug 2014	16,534.5	20.5%				
Unobligated			38,323	44.9%				
			297,467.1	88.59%	297,467		335,789.60	(38,322.52)

Note: Tons, AKA short tons, equals 2,000 pounds.

Smart Energy Offset Projects and Retirements

Revolution Energy Solutions Lochmead Farms

SiteLocation: Junction City		State: OR		Project Type: Dairy		EstVolume 34,500		Duration: 10		Smart Energy total metric tons retired: 4,014	
Standard Climate Action Reserve		Registry Climate Action Reserve		Protocol: TCT M&V Plan		CreditingPeriod: Initial		Greenhouse Gas: Methane			
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tons	Short Tons	Retirement Effective Date			
2010	12/8/2010	12/31/2010	First Environment, Inc.	6/6/2012	10/1/2012	9	9.92	10/8/2012			
Serial Numbers: TCT Declaration											
Registry Listing URL:											
2011	1/1/2011	12/31/2011	First Environment, Inc.	6/6/2012	10/1/2012	1,991	2,194.68	10/18/2012			
Serial Numbers: TCT Declaration											
Registry Listing URL:											
2012	1/1/2012	12/31/2012	Agri-Waste Technology, Inc.	1/1/2013	10/4/2013	2,014	2,220.03	12/31/2013			
Serial Numbers: TCT Declaration											
Registry Listing URL: N/A											

Farm Power Lynden

SiteLocation: Lynden State: WA Project Type: Dairy EstVolume 79,000 Duration: 10 Smart Energy total metric tons retired: **20,000**
 Standard Climate Action Reserve Registry Climate Action Reserve Protocol: Climate Action Reserve Livestock Protocol 2.2 CreditingPeriod: Initial Greenhouse Gas: Methane

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tons	Short Tons	Retirement Effective Date
2011	1/1/2011	12/31/2011	First Environment, Inc.	1/1/2012	11/30/2012	8,716	9,607.65	1/8/2013
Serial Numbers: CAR-1-US-794-5-212-WA-2011-1003-1 to 8716								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2012	1/1/2012	7/31/2012	First Environment, Inc.	1/1/2012	11/30/2012	8,439	9,302.31	1/8/2013
Serial Numbers: CAR-1-US-794-5-212-WA-2012-1004-1 to 8439								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2012	8/1/2012	12/31/2012	First Environment, Inc.	7/1/2013	2/28/2014	2	2.20	4/28/2014
Serial Numbers: CAR-1-US-794-5-212-WA-2012-1427-3 to 4								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2012	8/1/2012	12/31/2012	First Environment, Inc.	7/1/2013	2/28/2014	2	2.20	4/28/2014
Serial Numbers: CAR-1-US-794-5-212-WA-2012-1427-1 to 2								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2012	8/1/2012	12/31/2012	First Environment, Inc.	7/1/2013	2/28/2014	2,841	3,131.63	4/28/2014
Serial Numbers: CAR-1-US-794-5-212-WA-2012-1427-1725 to 4565								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								

J.R. Simplot Moses Lake

SiteLocation: Moses Lake	State: WA	Project Type: OWD	EstVolume 261,326	Duration: 10	Smart Energy total metric tons retired: 51,376
Standard Verified Carbon Standard	Registry Markit	Protocol: VCS ACM0014	CreditingPeriod: Initial	Greenhouse Gas: Methane	

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tons	Short Tons	Retirement Effective Date
2009	10/1/2009	12/31/2009	First Environment, Inc.			5,448	6,005.33	7/18/2012
Serial Numbers:	1881-77018291-77023738-VCU-002-MER-US-13-448-01102009-31122009-0							
Registry Listing URL:	https://mer.markit.com/br-reg/public/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&acronym=&limit=15&name=moses+lake&standardId=&unitClass=							
2011	7/1/2011	12/31/2011	First Environment, Inc.	8/1/2012	11/30/2012	21,436	23,628.90	2/6/2013
Serial Numbers:	2607-114159227-114180662-VCU-002-MER-US-13-448-01072011-31122011-0							
Registry Listing URL:	https://mer.markit.com/br-reg/public/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&acronym=&limit=15&name=moses+lake&standardId=&unitClass=							
2012	8/1/2012	12/31/2012	Ruby Canyon Engineering	5/1/2013	6/25/213	8,486	9,354.12	7/30/2013
Serial Numbers:	2941-129946280-129954765-VCU-043-MER-US-13-448-01082012-31122012-0							
Registry Listing URL:	https://mer.markit.com/br-reg/public/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&acronym=&limit=15&name=moses+lake&standardId=&unitClass=							
2012	1/1/2012	7/31/2012	First Environment, Inc.	8/1/2012	11/30/2012	307	338.41	7/30/2013
Serial Numbers:	2606-114158920-114159226-VCU-002-MER-US-13-448-01012012-31072012-0							
Registry Listing URL:	https://mer.markit.com/br-reg/public/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&acronym=&limit=15&name=moses+lake&standardId=&unitClass=							
2013	1/1/2013	5/31/2013	Ruby Canyon Engineering	5/15/2013	6/25/2013	1,167	1,286.38	7/30/2013
Serial Numbers:	2940-129945113 -129946279 -VCU-043-MER-US-13-448-01012013-31052013-0							
Registry Listing URL:								
2013	6/1/2013	12/31/2013	Ruby Canyon Engineering	3/3/2014	5/12/2014	12,275	13,530.73	6/27/2014
Serial Numbers:	3411-151946293-151958567-VCU-043-MER-US-13-448-01062013-31122013-0							
Registry Listing URL:								
2014	1/1/2014	1/31/2014	Ruby Canyon Engineering	3/3/2014	5/12/2014	2,257	2,487.89	6/27/2014
Serial Numbers:	3412-151958568-151960824-VCU-043-MER-US-13-448-01012014-31012014-0							
Registry Listing URL:								

Revolution Energy Solutions Oak Lea

SiteLocation: Aumsville State: OR Project Type: Dairy EstVolume 23,225 Duration: 10 Smart Energy total metric tons retired: **1,356**
 Standard Climate Action Reserve Registry Climate Action Reserve Protocol: CreditingPeriod: Initial Greenhouse Gas: Methane

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tons	Short Tons	Retirement Effective Date
2012	1/15/2012	12/31/2012	Agri-Waste Technology, Inc.	1/15/2012	12/31/2012	1,356	1,494.72	5/8/2014
Serial Numbers: TCT Declaration								
Registry Listing URL: N/A								

Farm Power Rexville

SiteLocation: Mt. Vernon State: WA Project Type: Dairy EstVolume 116,514 Duration: 10 Smart Energy total metric tons retired: **7,046**
 Standard Climate Action Reserve Registry Climate Action Reserve Protocol: Climate Action Reserve Livestock Protocol 2.0 CreditingPeriod: Initial Greenhouse Gas: Methane

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tons	Short Tons	Retirement Effective Date
2009	8/12/2009	12/31/2009	First Environment, Inc.	10/1/2010	2/28/2011	167	184.08	3/30/2011
Serial Numbers: CAR-1-US-416-5-212-WA-2009-438-1 to 167								
Registry Listing URL: erve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2010	1/1/2010	8/31/2010	First Environment, Inc.	10/1/2010	2/28/2011	1,035	1,140.88	3/30/2011
Serial Numbers: CAR-1-US-416-5-212-WA-2010-437-1 to 1035								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2010	9/1/2010	12/31/2010	First Environment, Inc.	1/1/2012	8/31/2012	1,665	1,835.33	11/7/2012
Serial Numbers: CAR-1-US-416-5-212-WA-2010-945-1 to 1665								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2011	9/1/2011	12/31/2011	First Environment, Inc.	5/1/2013	8/31/2013	2,141	2,360.02	10/11/2013
Serial Numbers: CAR-1-US-416-5-212-WA-2011-1229-1 to 2141								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								
2012	9/1/2012	12/31/2012	First Environment, Inc.	11/1/2013	5/31/2014	2,038	2,246.49	7/30/2014
Serial Numbers: CAR-1-US-416-5-212-WA-2012-1504-849 to 2886								
Registry Listing URL: https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206								

Intrepid Technology Resources Whitesides Dairy

SiteLocation: Rupert

State: ID

Project Type: Dairy

EstVolume 227,560

Duration: 10

Smart Energy total
metric tons retired:

17,067

Standard Climate Action Reserve

Registry Climate Action Reserve

Protocol: 1.0 Livestock Gas Capture/Combustion

CreditingPeriod: Initial

Greenhouse Gas: Methane

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tons	Short Tons	Retirement Effective Date
2008	1/1/2008	8/31/2008	First Environment, Inc.	8/1/2008	12/31/2008	17,067	18,812.95	8/7/2009

Serial Numbers: CAR-1-US-396-5-169-ID-2008-205-1 to 17067

Registry Listing URL: <https://thereserve2.apx.com/myModule/rpt/myrpt.asp?r=206>

Total Metric Tons Retired: 100,859