

# **KCP&L GREATER MISSOURI OPERATIONS COMPANY (GMO)**

## **2012 ANNUAL RENEWABLE ENERGY STANDARD COMPLIANCE REPORT**

**Prepared in Compliance with 4 CSR 240-20.100**

**15-April-2013**



## SECTION 1: INTRODUCTION

KCP&L Greater Missouri Operations Company ("GMO"), a Delaware Corporation, has filed its 2012 Annual Renewable Energy Standard Compliance Report in compliance with the Missouri Public Service Commission's ("Commission") Electric Utility Renewable Energy Standard Requirements [4 CSR 240-20.100] ("Rule") that became effective September 30, 2010.

Section (7) of the rule requires that each public utility file with the Commission a Renewable Energy Standard ("RES") Compliance Report by April 15 of each year. Where utilized, "MPS" shall represent the jurisdiction formerly served as Missouri Public Service and "SJLP" shall represent the jurisdiction formerly served as St. Joseph Light & Power.

Specifically, Section 7 (A) of the Rule requires the following information for the most recently completed calendar year.

- A. Total retail electric sales for the utility, as defined by the Rule;
- B. Total jurisdictional revenue from the total retail electric sales to Missouri customers as measured at the customers' meters;
- C. Total retail electric sales supplied by renewable energy resources, as defined by section 393.1025(5), RSMo, including the source of the energy;
- D. The number of RECs and S-RECs created by electrical energy produced by renewable energy resources owned by the electric utility. For the electrical energy produced by these utility-owned renewable energy resources, the value of the energy created. For the RECs and S-RECs, a calculated REC or S-REC value for each source and each category of REC;
- E. The number of RECs acquired, sold, transferred, or retired by the utility during the calendar year;
- F. The source of all RECs acquired during the calendar year;
- G. The identification, by source and serial number, of any RECs that have been carried forward to a future calendar year;

- H. An explanation of how any gains or losses from sale or purchase of RECs for the calendar year have been accounted for in any rate adjustment mechanism that was in effect for the electric utility;
- I. For acquisition of electrical energy and/or RECs from a renewable energy resource that is not owned by the electric utility, the following information for each resource that has a rated capacity of ten (10) kW or greater:
  - a. Name, address, and owner of the facility
  - b. An affidavit from the owner of the facility certifying that the energy was derived from an eligible renewable energy technology and that the renewable attributes of the energy have not been used to meet the requirements of any other local or state mandate;
  - c. The renewable energy technology utilized at the facility;
  - d. The dates and amounts of all payments from the electric utility to the owner of the facility; and
  - e. All meter readings used for calculation of the payments referenced in part (IV) of this paragraph;
- J. The total number of customers that applied and received a solar rebate in accordance with section (4) of the Rule;
- K. The total number of customers that were denied a solar rebate and the reason(s) for denial;
- L. The amount of funds expended by the electric utility for solar rebates, including the price and terms of future S-REC contracts associated with the facilities that qualified for the solar rebates;
- M. An affidavit documenting the electric utilities compliance with the RES compliance plan as described in this section during the calendar year. This affidavit will include a description of the amount of over- or under-compliance costs that shall be adjusted in the electric utility's next compliance plan; and

N. If compliance was not achieved, an explanation why the electric utility fail to meet the RES.

This 2012 Report represents GMO's efforts to achieve the requirements of 4 CSR 240-20.100.

## **SECTION 2: RES COMPLIANCE REPORT**

***Rule (7)(A) 1: This annual RES compliance report shall provide the following information for the most recently completed calendar year, as defined by the Rule.***

### **2.1 RULE (7)(A) 1 A:**

***Total retail electric sales for the utility, as defined by the Rule;***

<b>GMO (MWh)</b>
8,080,313

### **2.2 RULE (7)(A) 1 B:**

***Total jurisdictional revenue from the total retail electric sales to Missouri customers as measured at the customers' meter;***

<b>GMO</b>
\$726,393,750

### **2.3 RULE (7)(A) 1 C:**

***Total retail electric sales supplied by renewable energy resources, as defined by section 393.1025(5), RSMo, including the source of the energy;***

	<b>GMO (MWh)</b>
Gray County Wind Energy	157,698
Ensign Wind	26,713
St. Joseph Landfill Gas	3,000

#### **2.4    RULE (7)(A) 1 D:**

*The number of RECs and S-RECs created by electrical energy produced by renewable energy resources owned by the electric utility. For the electrical energy produced by these utility-owned renewable energy resources, the value of the energy created. For the RECs and S-RECs, a calculated REC or S-REC value for each source and each category of REC;*

<b>Source</b>	<b>Number created by electrical energy produced by renewable energy resources owned by the utility.</b>	<b>Value of Energy Created</b>	<b>Calculated value for each source and each category of REC</b>
	<b>MWh</b>		<b>\$</b>
GMO	3000	\$67,806	0

The RECs created from St. Joseph Landfill Gas are on the books at zero value since they are an additional benefit from generation that is already in the existing rate structure.

#### **2.5    RULE (7)(A) 1 E**

*The number of RECs required, sold, transferred, or retired by the utility during the calendar year;*

GMO utilizes the North American Renewable Registry ("NARR") as recommended by Staff and approved by the Commission for tracking of all RECs.

	<b>GMO</b>	
	<b>RECs</b>	<b>S-RECs</b>
Required	158,374	3,232
Sold	0	0
Transferred	0	0
Retired	158,374	3,232

One additional REC was retired in April to align totals.

**2.6 RULE (7)(A) 1 F**

***The source of all RECs acquired during the calendar year;***

Please refer to Attachment A of this document for a list of sources for RECs acquired during the calendar year.

**2.7 RULE (7)(A) 1 G**

***The identification, by source and serial number, of any RECs that have been carried forward to a future calendar year;***

Please refer to Attachment B of this document for a list of RECs carried forward to a future calendar year by source and serial number.

**2.8 RULE (7)(A) 1 H**

***An explanation of how any gains or losses from sale or purchase of RECs for the calendar year have been accounted for in any rate adjustment mechanism that was in effect for the electric utility;***

There were no sales of RECs and any RECs acquired were either utilized for calendar year 2012 compliance or left in GMO's NARR account for future use.

**2.9 RULE (7)(A) 1 I**

***For acquisition of electrical energy and/or RECs from a renewable energy resource that is not owned by the electric utility, the following information for each resource that has a rated capacity of ten (10) kW or greater;***

Please refer to Attachment A for a resource list which includes the name, address, owner, and renewable technology used at each resource. Additionally, the party responsible for the registry account (Account Holder Company) and who the RECs were acquired from, wholesale provider or aggregator, as applicable is included in the attachment. Attachment C, which contains HIGHLY CONFIDENTIAL information, contains the meter readings and payments to owner of the facility.

Electrical energy and RECs are acquired through a purchased power agreement from Gray County Wind Energy LLC (GCWE) and Ensign Wind (EW), both under parent NextEra Energy Resources. GCWE & EW designated GMO as the NARR Generator Owner's Designation of Responsible Party which represents that the generator owner has not granted similar authority or permission to any other person for use in NARR or any similar registry or tracking system. Gray County Wind Energy and Ensign Wind supported GMO's efforts to certify the facility with the Missouri Department of Natural Resources. Certification was granted November 23, 2011 for Gray County Wind and December 6, 2012 for Ensign Wind. As designated responsible party, an affidavit is attached, Attachment D, by the KCP&L GMO's Manager – Fuels, Emission & RECs

S-RECs were acquired from a wholesale provider or aggregator. These S-REC's were registered in the Western Renewable Energy Generation Information System (WREGIS), a system that has the same information and registration requirements as the Commission selected system, NARR. Purchased S-RECs are transferred from WREGIS to NARR which maintains the integrity and tracking of each S-REC meeting the intent of the Commission's Rule in this instance. The sources of these S-RECs were certified by the Missouri Department of Natural Resources. Certification was initially granted December 19, 2011 and there were not any new additions to that list in 2012.

## 2.10 RULE (7)(A) 1 J

***The total number of customers that applied and received a solar rebate in accordance with section (4) of the Rule;***

	<b>GMO</b>
Applied & Received	210

## 2.11 RULE (7)(A) 1 K

***The total number of customers that were denied a solar rebate and the reason(s) for denial;***

	<b>GMO</b>
Denied	0
Reason	Not Applicable

## **2.12 RULE (7)(A) 1 L**

***The amount of funds expended by the electric utility for solar rebates, including the price and terms of future S-REC contracts associated with the facilities that qualified for the solar rebates;***

	<b>GMO</b>
Solar Rebates	\$8,303,022

## **2.13 RULE (7)(A) 1 M**

***An affidavit documenting the electric utility's compliance with the RES compliance plan as described in this section during the calendar year. This affidavit will include a description of the amount of over- and under- compliance costs that shall be adjusted in the electric utility's next compliance plan;***

RECs created by generation at Gray County wind farm, located outside the state of Missouri, were utilized for compliance. Energy and associated RECs are acquired through a Purchase Power Agreement with Gray County Wind Energy and Ensign Wind. GMO retired 158,374 vintage 2009 and 2010 RECs in order to meet its 2012 non-solar compliance obligation.

S-RECs were acquired from a third party, 3Degrees Group. GMO retired 3,232 vintage 2010, 2011, and 2012 S-RECs in order to meet its 2012 solar compliance obligation.

The total costs incurred towards meeting compliance with Missouri's RES for calendar year 2012 is:

<b>Resource</b>	<b>Capital and/or O&amp;M Cost</b>
Solar Rebates	\$8,303,022
S-RECs (for compliance)	\$24,967
NAR Administration	\$53,336
St. Joe Landfill Gas	\$4,901,426

The Company is still establishing the mechanics of the revenue requirement cap established by the rule. Further, the Company has received approval for an accounting authority order to capture the costs of compliance until our next general rate proceeding. For these reasons, the

Company is unable to accurately determine the amount of over- or under- compliance costs at this time.

**2.14 RULE (7)(A) 1 N**

***If compliance was not achieved, an explanation why the electric utility failed to meet the RES;***

The utility has made every effort to comply and believes it has achieved compliance with Missouri's Renewable Energy Standard for 2012.

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2012 Annual Renewable Energy Standard Compliance Report

**Attachment A** Resource List

WREGIS ID	NAR ID	Asset	Business Name	Address	Owner Name	Account Holder Company	Wholesale Provider	Fuel Type
--	GEN42	Gray County Wind	Gray County Wind Energy, LLC	100 W. Mexitili Street, Montezuma, KS 67867	NextEra Energy	Kansas City Power & Light	Not Applicable	Wind
--	GEN339	Ensign Wind	Ensign Wind, LLC	21807 AA Road Ensign, KS 67841	NextEra Energy	Kansas City Power & Light	Not Applicable	Wind
W1042	IMP118	2110 Cable	Cable Development	2110 Aviation, Upland, CA 91786	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1043	IMP119	2114 Cable	Cable Development	2114 Porter Field Way, Upland, CA 91786	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1044	IMP123	2115 Cable	Cable Development	2115 Aviation, Upland, CA 91786	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1045	IMP120	2120 Cable	Cable Development	2120 Porter Field Way, Upland, CA 91786	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1046	IMP121	2121 Cable	Cable Development	2121 Aviation, Upland, CA 91786	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1047	IMP122	2122 Cable	Cable Development	2122 Aviation, Upland, CA 91786	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1049	IMP148	Sure Save 401 S. Waterman	U-Store-It Self Storage	401 S. Waterman Avenue, San Bernardino, CA 92408	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1050	IMP101	Coastal 1520 - Coastal 1520	Coastal Pacific Foods	1520 E. Mission Blvd, Ontario, CA 91761	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1051	IMP102	Commercial Custom Seating	Commercial Custom Seating	12601 Western Avenue, Garden Grove, CA 92841	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1052	IMP130	D&G Modglin Trust	Self Storage	16700 Harbor Boulevard, Fountain Valley, CA 92708	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1053	IMP131	Hawthorne Mini Venture 14680	US Storage	14680 Aviation Blvd, Hawthorne, CA 90260	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1054	IMP134	Long Beach 6655 - Long Beach 6655	US Storage	6655 Atlantic Avenue, Long Beach, CA 90805	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1055	IMP113	Newport Investments	Newport Investments	1401 Quail Avenue, Newport Beach, CA 92660	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1056	IMP115	Sicor 11 Hughes - Sicor 11 Hughes	Sicor (TEVA)	11 Hughes, Irvine, CA 92618	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1057	IMP114	Sicor #19 Hughes - Sicor #19 Hughes	Sicor (TEVA)	23 Hughes, Irvine, CA 92618	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1059	IMP147	Sure Save 500 Radio	Sure Save	500 Radio Road, Palm Springs, CA 92262	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1060	IMP149	Sure Save 601 S. Waterman	U-Store-It Self Storage	601 S. Waterman Avenue, San Bernardino, CA 92408	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar

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WREGIS ID	NAR ID	Asset	Business Name	Address	Owner Name	Account Holder Company	Wholesale Provider	Fuel Type
W1061	IMP143	Sure Save 1400	U-Store-It Self Storage	1400 S. Gene Autry Trail, Palm Springs, CA 92264	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1062	IMP144	Sure Save 1441	U-Store-It Self Storage	1441 E. Baseline Street, San Bernardino, CA 92410	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1063	IMP145	Sure Save 1450 W 23rd	U-Store-It Self Storage	1450 W. 23rd Street, San Bernardino, CA 92411	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1064	IMP146	Sure Save 17392	Sure Save Self Storage	17392 Murphy Avenue, Irvine, CA 92614	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1065	IMP151	Sure Save Highland	U-Store-It Self Storage	26441 Highland, Highland, CA 92346	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1066	IMP150	Sure Save 67650	U-Store-It Self Storage	67650 E. Ramon Road, Palm Springs, CA 92265	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1067	IMP117	Sure Save 40050	Sure Save USA Storage	40050 Harris Lane, Palm Desert, CA 92211	Greenlease	SunEdison LLC	3Degrees Group Inc	Solar
W1068	IMP153	Torrance Mini Partners	US Storage	23711 Crenshaw Blvd, Torrance, CA 90505	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1069	IMP154	Westminster Mini Ventures	US Storage	14528 Edwards Street, Westminster, CA 92683	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1088	IMP155	Westport Hood Mini Ventures 16015	US Storage	16015 Piuma Avenue, Cerritos, CA 90703	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1089	IMP156	Westport Mini 11971	US Storage	11971 Foster Road, Norwalk, CA 90650	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W1090	IMP157	Westport Station 10881	US Storage	10881 Dale Street, Stanton, CA 90680	Greenlease	3Degrees Group Inc	3Degrees Group Inc	Solar
W110	IMP174	Walgreens - Paradise - SunE WG47 Paradise, LLC	Walgreens	7576 Skyway, Paradise, CA 95969	SunE WG47 Paradise LLC	Sun Edison	3Degrees Group Inc	Solar
W114	IMP170	Staples - Visalia - SunE ST23 Visalia, LLC	Staples	3729 S. Mooney Blvd, Visalia, CA 93277	SunE ST23 Visalia LLC	Sun Edison	3Degrees Group Inc	Solar
W1535	IMP124	Alexander Rose Elementary School Solar	Alexander Rose Elementary School	250 Roswell Drive, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1536	IMP125	Anthony Spangler Elementary School Solar	Anthony Spangler Elementary School	140 North Abbott Avenue, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1537	IMP126	Calaveras Hills High School Solar	Calaveras Hills High School	1331 E. Calaveras Blvd, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1538	IMP128	Corporation Yard Solar	Milpitas Unified School District	1585 Roger Street, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1539	IMP129	Curtner Elementary School Solar	Curtner Elementary School	275 Redwood Avenue, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar

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**Attachment A** Resource List

WREGIS ID	NAR ID	Asset	Business Name	Address	Owner Name	Account Holder Company	Wholesale Provider	Fuel Type
W1540	IMP132	John Sinnott Elementary School Solar	John Sinnott Elementary School	2025 Yellowstone Avenue, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1541	IMP133	Joseph Weller Elementary School Solar	Joseph Weller Elementary School	345 Boulder Street, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1542	IMP135	Marshall Pomeroy Elementary School Solar	Marshall Pomeroy Elementary School	1505 Escuela Parkway, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1543	IMP136	Milpitas High School Solar	Milpitas High School	1285 Escuela Parkway, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1544	IMP137	Pearl Zanker Elementary School Solar	Pearl Zanker Elementary School	1585 Fallen Leaf Drive, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1545	IMP138	Rancho Milpitas Middle School Solar	Rancho Milpitas Middle School	1915 Yellowstone Avenue, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1546	IMP140	Robert Randall Elementary School Solar	Robert Randall Elementary School	1300 Edsel Drive, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1547	IMP152	Thomas Russell Middle School Solar	Thomas Russell Middle School	1500 Escuela Parkway, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W1548	IMP158	William Burnett Elementary School Solar	William Burnett Elementary School	400 Fanyon Street, Milpitas, CA 95035	BAL Solar III	Milpitas Unified School District	3Degrees Group Inc	Solar
W50	IMP103	CPA - Ironwood Prison - SunE CPA CDC2, LLC	Ironwood Prison	19005 Wiley's Well Road, Blythe, CA 92225	SunE CPA CDC2, LLC	Sun Edison	3Degrees Group Inc	Solar
W54	IMP165	SunE ST84 Downey, LLC - Staples - Downey #1386	Staples	12070 Lakewood Blvd, Downey, CA 90214	SunE ST84 Downey LLC	Sun Edison	3Degrees Group Inc	Solar
W55	IMP166	SunE ST86 Fontana, LLC - Staples - Fontana - #1323	Staples	15058 Summit Avenue, Fontana, CA 92336	SunE ST86 Fontana LLC	Sun Edison	3Degrees Group Inc	Solar
W57	IMP168	Staples - Newport Beach #0410 - SunE ST89 Newport	Staples	4343 MacArthur Blvd, Newport Beach, CA 92660	SunE ST89 Newport Beach LLC	Sun Edison	3Degrees Group Inc	Solar
W60	IMP171	Staples - Vista #1334 - SunE ST92 Vista, LLC	Staples	235 Vista Village Drive, Vista, CA 92083	SunE ST92 Vista LLC	Sun Edison	3Degrees Group Inc	Solar
W837	IMP172	Staples-Poway #90 - SunE ST90 Poway, LLC	Staples	12900 Gregg Court, Poway, CA 92864	SunE ST90 Poway LLC	Sun Edison	3Degrees Group Inc	Solar
W853	IMP173	Staples - Santee, CA #821 - SunE ST96 Santee, LLC	Staples	9902 Mission Gorge Road, Santee, CA 92071	SunE ST96 Santee LLC	Sun Edison	3Degrees Group Inc	Solar
W856	IMP164	SunE ST76 Costa Mesa, LLC - Staples - Costa Mesa, CA (#1078)	Staples	241 E. 17th Street, Costa Mesa, CA 92627	SunE St76 Costa Mesa LLC	Sun Edison	3Degrees Group Inc	Solar
W918	IMP116	SunE PD Willow, LLC - SLRP-Padre Dam-Willow	SLRP-Padre Dam-Willow	Santee Lakes Boulevard, Santee, CA	SunE PD Willow LLC	Sun Edison	3Degrees Group Inc	Solar
W923	IMP100	SunE AB Fairfield, LLC - Anheuser Busch - Fairfield, CA	Anheuser Busch	3101 Busch Drive, Fairfield, CA 94534	SunE AB Fairfield, LLC	Sun Edison	3Degrees Group Inc	Solar

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**Attachment B:** RECs carried forward to future calendar year

NAR ID	Asset	Fuel/Project Type	Certificate Vintage	Certificate Serial Numbers
IMP100	Anheuser Busch - Fairfield, CA	Solar	Feb-12	IMP-WREGIS-REC-100-CA-02-2012-4330-1 to 129
IMP101	Coastal 1520	Solar	Jan-12	IMP-WREGIS-REC-101-CA-01-2012-4620-1 to 93
IMP101	Coastal 1520	Solar	Feb-12	IMP-WREGIS-REC-101-CA-02-2012-4332-1 to 95
IMP128	Corporation Yard Solar	Solar	May-12	IMP-WREGIS-REC-128-CA-05-2012-4400-17 to 36
GEN339	Ensign Wind, LLC	Wind	Nov-12	NAR-REC-339-KS-11-2012-5030-1 to 6624
GEN339	Ensign Wind, LLC	Wind	Dec-12	NAR-REC-339-KS-12-2012-5125-1 to 20089
GEN339	Ensign Wind, LLC	Wind	Jan-13	NAR-REC-339-KS-01-2013-5397-1 to 25097
GEN339	Ensign Wind, LLC	Wind	Feb-13	NAR-REC-339-KS-02-2013-5515-1 to 20771
GEN42	Gray County Wind Energy, LLC	Wind	May-10	NAR-REC-42-KS-05-2010-861-18047 to 18404
GEN42	Gray County Wind Energy, LLC	Wind	Jan-12	NAR-REC-42-KS-01-2012-3211-1 to 17354
GEN42	Gray County Wind Energy, LLC	Wind	Feb-12	NAR-REC-42-KS-02-2012-3413-1 to 14304
GEN42	Gray County Wind Energy, LLC	Wind	Jun-10	NAR-REC-42-KS-06-2010-863-1 to 19056
GEN42	Gray County Wind Energy, LLC	Wind	Jul-10	NAR-REC-42-KS-07-2010-865-1 to 14578
GEN42	Gray County Wind Energy, LLC	Wind	Aug-10	NAR-REC-42-KS-08-2010-867-1 to 14583
GEN42	Gray County Wind Energy, LLC	Wind	Sep-10	NAR-REC-42-KS-09-2010-869-1 to 16560
GEN42	Gray County Wind Energy, LLC	Wind	Oct-10	NAR-REC-42-KS-10-2010-871-1 to 16376
GEN42	Gray County Wind Energy, LLC	Wind	Nov-10	NAR-REC-42-KS-11-2010-886-1 to 19032
GEN42	Gray County Wind Energy, LLC	Wind	Dec-10	NAR-REC-42-KS-12-2010-1105-1 to 14822
GEN42	Gray County Wind Energy, LLC	Wind	Jan-11	NAR-REC-42-KS-01-2011-1171-1 to 12077
GEN42	Gray County Wind Energy, LLC	Wind	Feb-11	NAR-REC-42-KS-02-2011-1362-1 to 17877
GEN42	Gray County Wind Energy, LLC	Wind	Mar-11	NAR-REC-42-KS-03-2011-1399-1 to 16123
GEN42	Gray County Wind Energy, LLC	Wind	Apr-11	NAR-REC-42-KS-04-2011-1401-1 to 19785
GEN42	Gray County Wind Energy, LLC	Wind	May-11	NAR-REC-42-KS-05-2011-1421-1 to 19297
GEN42	Gray County Wind Energy, LLC	Wind	Jun-11	NAR-REC-42-KS-06-2011-1452-1 to 20734
GEN42	Gray County Wind Energy, LLC	Wind	Jul-11	NAR-REC-42-KS-07-2011-1738-1 to 12364
GEN42	Gray County Wind Energy, LLC	Wind	Aug-11	NAR-REC-42-KS-08-2011-1749-1 to 10864
GEN42	Gray County Wind Energy, LLC	Wind	Sep-11	NAR-REC-42-KS-09-2011-2387-1 to 12187
GEN42	Gray County Wind Energy, LLC	Wind	Oct-11	NAR-REC-42-KS-10-2011-2396-1 to 19215
GEN42	Gray County Wind Energy, LLC	Wind	Nov-11	NAR-REC-42-KS-11-2011-2432-1 to 19490
GEN42	Gray County Wind Energy, LLC	Wind	Dec-11	NAR-REC-42-KS-12-2011-2505-1 to 14751
GEN42	Gray County Wind Energy, LLC	Wind	Mar-12	NAR-REC-42-KS-03-2012-3533-1 to 14806
GEN42	Gray County Wind Energy, LLC	Wind	Apr-12	NAR-REC-42-KS-04-2012-3585-1 to 14780
GEN42	Gray County Wind Energy, LLC	Wind	May-12	NAR-REC-42-KS-05-2012-3608-1 to 16769
GEN42	Gray County Wind Energy, LLC	Wind	Jun-12	NAR-REC-42-KS-06-2012-3690-1 to 19876
GEN42	Gray County Wind Energy, LLC	Wind	Jul-12	NAR-REC-42-KS-07-2012-3735-1 to 14173
GEN42	Gray County Wind Energy, LLC	Wind	Aug-12	NAR-REC-42-KS-08-2012-4221-1 to 11944

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**Attachment B: RECs carried forward to future calendar year**

NAR ID	Asset	Fuel/Project Type	Certificate Vintage	Certificate Serial Numbers
GEN42	Gray County Wind Energy, LLC	Wind	Sep-12	NAR-REC-42-KS-09-2012-4317-1 to 9653
GEN42	Gray County Wind Energy, LLC	Wind	Oct-12	NAR-REC-42-KS-10-2012-4986-1 to 12388
GEN42	Gray County Wind Energy, LLC	Wind	Nov-12	NAR-REC-42-KS-11-2012-5024-1 to 7878
GEN42	Gray County Wind Energy, LLC	Wind	Dec-12	NAR-REC-42-KS-12-2012-5124-1 to 3773
GEN42	Gray County Wind Energy, LLC	Wind	Feb-13	NAR-REC-42-KS-02-2013-5511-1 to 832
GEN304	St. Joseph Landfill Generating Station	BLF	Mar-12	NAR-REC-304-MO-03-2012-3612-1 to 6
GEN304	St. Joseph Landfill Generating Station	BLF	Apr-12	NAR-REC-304-MO-04-2012-3611-1 to 2
GEN304	St. Joseph Landfill Generating Station	BLF	May-12	NAR-REC-304-MO-05-2012-3739-1 to 10
GEN304	St. Joseph Landfill Generating Station	BLF	Jun-12	NAR-REC-304-MO-06-2012-3740-11 to 323
GEN304	St. Joseph Landfill Generating Station	BLF	Jul-12	NAR-REC-304-MO-07-2012-3738-1 to 444
GEN304	St. Joseph Landfill Generating Station	BLF	Aug-12	NAR-REC-304-MO-08-2012-4220-324 to 582
GEN304	St. Joseph Landfill Generating Station	BLF	Sep-12	NAR-REC-304-MO-09-2012-4318-1 to 222
GEN304	St. Joseph Landfill Generating Station	BLF	Oct-12	NAR-REC-304-MO-10-2012-4990-1 to 649
GEN304	St. Joseph Landfill Generating Station	BLF	Nov-12	NAR-REC-304-MO-11-2012-5028-1 to 1095
GEN304	St. Joseph Landfill Generating Station	BLF	Jan-13	NAR-REC-304-MO-01-2013-5396-1 to 716
GEN304	St. Joseph Landfill Generating Station	BLF	Feb-13	NAR-REC-304-MO-02-2013-5513-1 to 1038
IMP117	Sure Save 40050	Solar	Jan-12	IMP-WREGIS-REC-117-CA-01-2012-4397-1 to 25
IMP148	Sure Save 401 S. Waterman	Solar	Jan-12	IMP-WREGIS-REC-148-CA-01-2012-4619-1 to 4
IMP148	Sure Save 401 S. Waterman	Solar	Feb-12	IMP-WREGIS-REC-148-CA-02-2012-4495-1 to 5
IMP147	Sure Save 500 Radio	Solar	Jan-12	IMP-WREGIS-REC-147-CA-01-2012-4671-1 to 9
IMP147	Sure Save 500 Radio	Solar	Feb-12	IMP-WREGIS-REC-147-CA-02-2012-4500-1 to 10
IMP149	Sure Save 601 S. Waterman	Solar	Jan-12	IMP-WREGIS-REC-149-CA-01-2012-4625-1 to 6
IMP149	Sure Save 601 S. Waterman	Solar	Feb-12	IMP-WREGIS-REC-149-CA-02-2012-4501-1 to 7
IMP150	Sure Save 67650	Solar	Jan-12	IMP-WREGIS-REC-150-CA-01-2012-4629-1 to 3
IMP151	Sure Save Highland	Solar	Jan-12	IMP-WREGIS-REC-151-CA-01-2012-4571-1 to 3
IMP151	Sure Save Highland	Solar	Feb-12	IMP-WREGIS-REC-151-CA-02-2012-4504-1 to 3
IMP153	Torrance Mini Partners	Solar	Jan-12	IMP-WREGIS-REC-153-CA-01-2012-4630-1 to 6
IMP153	Torrance Mini Partners	Solar	Feb-12	IMP-WREGIS-REC-153-CA-02-2012-4557-1 to 8
IMP154	Westminster Mini Ventures	Solar	Jan-12	IMP-WREGIS-REC-154-CA-01-2012-4631-1 to 6
IMP154	Westminster Mini Ventures	Solar	Feb-12	IMP-WREGIS-REC-154-CA-02-2012-4506-1 to 9
IMP155	Westport Hood Mini Ventures 16015	Solar	Jan-12	IMP-WREGIS-REC-155-CA-01-2012-4632-1 to 4
IMP155	Westport Hood Mini Ventures 16015	Solar	Feb-12	IMP-WREGIS-REC-155-CA-02-2012-4654-1 to 4
IMP156	Westport Mini 11971	Solar	Jan-12	IMP-WREGIS-REC-156-CA-01-2012-4672-1 to 7
IMP156	Westport Mini 11971	Solar	Feb-12	IMP-WREGIS-REC-156-CA-02-2012-4507-1 to 7

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**Attachment B:** RECs carried forward to future calendar year

NAR ID	Asset	Fuel/Project Type	Certificate Vintage	Certificate Serial Numbers
IMP157	Westport Station 10881	Solar	Jan-12	IMP-WREGIS-REC-157-CA-01-2012-4633-1 to 6
IMP157	Westport Station 10881	Solar	Feb-12	IMP-WREGIS-REC-157-CA-02-2012-4508-1 to 8

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**Attachment C : Meter Readings and Payments as applicable**

Seller	Period of Generation	Beginning Meter Read	Ending Meter Read	Payment Amount	Payment Date
Gray County Wind Energy, LLC	01/2012	2,611,908.12	2,643,729.86	** HC **	2/16/2012
Gray County Wind Energy, LLC	02/2012	2,643,729.86	2,669,957.06	** HC **	3/15/2012
Gray County Wind Energy, LLC	03/2012	2,669,957.06	2,697,202.15	** HC **	4/13/2012
Gray County Wind Energy, LLC	04/2012	2,697,202.15	2,724,312.39	** HC **	5/14/2012
Gray County Wind Energy, LLC	05/2012	2,724,312.39	2,755,051.49	** HC **	6/14/2012
Gray County Wind Energy, LLC	06/2012	2,755,051.49	2,791,565.59	** HC **	7/13/2012
Gray County Wind Energy, LLC	07/2012	2,791,565.59	2,817,566.53	** HC **	8/14/2012
Gray County Wind Energy, LLC	08/2012	2,817,566.53	2,839,487.51	** HC **	9/18/2012
Gray County Wind Energy, LLC	09/2012	2,839,487.51	2,857,157.14	** HC **	10/17/2012
Gray County Wind Energy, LLC	10/2012	2,857,157.14	2,879,861.25	** HC **	11/15/2012
Gray County Wind Energy, LLC	11/2012	2,879,861.25	2,894,282.60	** HC **	12/17/2012
Gray County Wind Energy, LLC <sup>1</sup>	12/2012			** HC **	1/24/2013
Ensign Wind, LLC	10/2012	-	3,322.18	** HC **	11/19/2012
Ensign Wind, LLC	11/2012	3,322.18	23,444.34	** HC **	12/17/2012
Ensign Wind, LLC <sup>1</sup>	12/2012			** HC **	1/24/2013

Payment amounts are inclusive of all charges to owner of facility.

Note 1: In December, the routing of power for Ensign changed to a multi-channel meter located at the Gray County Wind substation. A mathematical algorithm inside the meter calculates the allocated generation for each site, Gray County and Ensign. Traditional metering information, meter read at beginning and end of month, is not available. Total meter would also represent generation for others not included in this report.

**Attachment D : Affidavit of Designated Responsible Party**

Period: 2012  
 Name: Gray County Wind Energy  
 Address: 100 Mexitli Street  
 Montezuma, KS 67867  
 Technology: Wind Turbines

Reporting Entity Unit	NAR ID	FacilityName	Account Holder	Vintage	MWh	Begin	End	Status	Adjustment
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Jan-12	17354	1/1/2012	1/31/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Feb-12	14304	2/1/2012	2/28/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Mar-12	14806	3/1/2012	3/31/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Apr-12	14780	4/1/2012	4/30/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	May-12	16769	5/1/2012	5/31/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Jun-12	19876	6/1/2012	6/30/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Jul-12	14173	7/1/2012	7/31/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Aug-12	11944	8/1/2012	8/31/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Sep-12	9653	9/1/2012	9/30/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Oct-12	12388	10/1/2012	10/31/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Nov-12	7878	11/1/2012	11/30/2012	Certificate Created	No
TGW1	GEN42	Gray County Wind Energy, LLC - G	Kansas City Power & Light	Dec-12	3773	12/1/2012	12/31/2012	Certificate Created	No

As designated by Gray County Wind Energy, LLC, GMO has been authorized to register and report generation for the aforementioned facility. The renewable energy credits listed above are associated with generation for GMO only. The renewable attributes of the energy have not been used to meet the requirements of any other local or state mandate. Energy from this facility is derived from an eligible renewable energy technology as supported by the Missouri Department of Natural Resources certification of the facility.

Signed: 


Title: Manager - Fuels, Emissions & RECs

**Attachment D : Affidavit of Designated Responsible Party**

Period: 2012  
Name: Ensign Wind  
Address: 700 W. Mexitli Street  
Montezuma, KS 67867  
Technology: Wind Turbines

Reporting Entity Unit	NAR ID	FacilityName	Account Holder	Vintage	MWh	Begin	End	Status	Adjustment
ENS1	GEN339	Ensign Wind	Kansas City Power & Light	Nov-12	6624	11/1/2012	11/30/2012	Certificate Created	No
ENS1	GEN339	Ensign Wind	Kansas City Power & Light	Dec-12	20089	12/1/2012	12/31/2012	Certificate Created	No

As designated by Gray County Wind Energy, LLC, GMO has been authorized to register and report generation for the aforementioned facility. The renewable energy credits listed above are associated with generation for GMO only. The renewable attributes of the energy have not been used to meet the requirements of any other local or state mandate. Energy from this facility is derived from an eligible renewable energy technology as supported by the Missouri Department of Natural Resources certification of the facility.

Signed:   
Title: Manager - Fuels, Emissions & RECs