

**NP**

**Ameren Missouri**

**Renewable Energy Standard  
Compliance Report  
2011**

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

**April 16, 2012**



## Table of Contents

	Page
INTRODUCTION.....	4
SECTION (7) (A) 1 A: TOTAL RETAIL ELECTRIC SALES.....	6
SECTION (7) (A) 1 B: JURSDICTIONAL REVENUE.....	6
SECTION (7) (A) 1 C: RETAIL SALES SUPPLIED BY RENEWABLES.....	6
SECTION (7) (A) 1 D: RECS CREATED BY UTILITY OWNED RESOURCES.....	7
SECTION (7) (A) 1 E: RECS ACQUIRED, SOLD & RETIRED.....	8
SECTION (7) (A) 1 F: REC SOURCES.....	9
SECTION (7) (A) 1 G: RECS CARRIED FORWARD.....	9
SECTION (7) (A) 1 H: GAINS OR LOSSES FROM PURCHASE OR SALES.....	10
SECTION (7) (A) 1 I: RECS FROM NON-OWNED UTILITY RESOURCES.....	10
SECTION (7) (A) 1 J: CUSTOMER SOLAR REBATES.....	10
SECTION (7) (A) 1 K: CUSTOMERS DENIED REBATES.....	11
SECTION (7) (A) 1 L: SOLAR REBATES AND S-REC CONTRACTS.....	11
SECTION (7) (A) 1 M: UTILITY COMPLIANCE WITH RES PLAN.....	12

## **Exhibits**

**Exhibit 1: RECs Carried Forward in NAR Account**

**Exhibit 2: Non-Utility Owned Resource Affidavit**

**Exhibit 3: REC Meter Reads/Payments**

**Exhibit 4: Solar Rebate Tariff**

**Exhibit 5: S-REC Purchase Customer Tariff**

**Exhibit 6: Utility RES Compliance Plan Affidavit**

## Introduction

The Missouri Renewable Energy Standard (MoRES or RES) began as a public initiative and was placed on the Missouri ballot during the November 4, 2008 election. Labeled as Proposition C, it requires the three investor owned utilities (IOUs) in the state (Ameren Missouri, Empire District and Kansas City Power & Light) to procure renewable energy resources as a percentage of the total retail sales that each utility makes to its customers in the state.

After an extensive rule making process involving stakeholders from the Missouri Public Service Commission, the PSC staff, Office of Public Council, MIEC, MEDA, the three IOUs, various wind, solar and biomass developers, etc., the Public Service Commission published final rules on July 7, 2010.

As part of the statute and rule making, Section (7) (A) 1 requires that the IOUs file a report on the status of the electric utility's compliance with the renewable energy standard for the most recently completed calendar year.

There are two basic forms of compliance that are required under the RES. Compliance with what we term the "non-solar" RES relates to compliance using renewable energy credits (RECs) and/or actual energy that includes the REC from all forms of qualified renewable generation resources (wind, hydro, biomass, etc.) as certified by the Missouri Department of Natural Resources (DNR). There is a separate component, the "solar" RES that requires compliance which can only be met with solar RECs or actual energy that includes the REC from solar generation resources.

The following table details the renewable percentage requirements of the retail electric sales for the non-solar and solar RES:

<u>Time Period</u>	<u>Non-Solar</u>	<u>Solar*</u>
2011-2013	2%	2%
2014-2017	5%	2%
2008-2020	10%	2%
2021-forward	15%	2%

\*(Solar percentages are applied to the non-solar RES amounts)

As referenced above, the DNR is responsible for determining all eligible renewable resources that can be utilized by the IOUs in meeting the requirements of the RES. DNR rule 10 CSR 140-8.010 (2), contains the list of all eligible renewable resources allowed to meet the compliance with the RES.

Ameren Missouri's compliance with the RES, as demonstrated in this report, adheres to the use of only those renewable resources as currently defined by the above referenced rule and certified by the MoDNR.

In addition, the RES rules allow for the banking of RECs for up to a three year time period. This has allowed the use of eligible RECs generated from January 1, 2008 to the current time period in meeting the RES requirements for calendar year 2011.

Any generation and/or RECs from a Missouri renewable resource are entitled to a factor of 1.25 applied to each MWh.

The following information in this report will demonstrate the specific means in which Ameren Missouri met its obligations under both the non-solar and solar RES for 2011, the first year of required compliance.

## **RES Compliance** **Section (7) (A) 1 A**

### **Total Retail Electric Sales**

Ameren Missouri reports its total retail electric sales annually to the Federal Energy Regulatory Commission (FERC) in a report called the FERC Form 1. For the reporting year ended December 31, 2011, Ameren Missouri's total retail electric sales were 37,428,457 MWhs.

## **Section (7) (A) 1 B**

### **Total Jurisdictional Revenue**

Total sales to ultimate consumers as reported on the FERC Form 1 for the CY 2011 and associated with the above referenced MWhs were \$2,809,322,426.

## **Section (7) (A) 1 C**

### **Retail Sales Supplied by Renewable Resources**

Ameren Missouri is the owner and operator of the Keokuk Hydro-electric Generation Station located on the Mississippi River in Keokuk, Iowa. The station consists of 15 separate generators. The individual nameplate ratings range from 7.2 to 8.8 MWs.

The Keokuk Hydro-electric Generation Station was certified as a qualified renewable energy resource by the MoDNR on September 28, 2011. The total generational output from the Keokuk facility for the CY 2011 was 910,045 MWhs.

In June, 2009 Ameren Missouri and Pioneer Prairie Wind Farm I LLC entered into a 15 year power purchase agreement. Ameren Missouri is purchasing 102.3 MWs of nameplate generation from the Pioneer Prairie Wind Farm consisting of 65 turbines, located in north east Iowa. The facility site covers approximately 10,000 acres of land located in Mitchell County, Iowa in Wayne and Stacyville Townships.

The Pioneer Prairie Wind Farm was certified as a qualified renewable energy resource by the MoDNR on September 28, 2011. The total generational output from the Pioneer Prairie Wind Farm supplied to Ameren Missouri customers for the CY 2011 was 288,483MWhs.

In December, 2010 Ameren Missouri completed construction of approximately 100 kW of various PV solar technologies at its headquarters office building. The Ameren Missouri headquarters solar installation was certified as a qualified renewable generation facility by the MoDNR on September 28, 2011. The total

generational output of this facility during CY 2011 was 113 MWhs. In accordance with RSMo 393.1030, and as this facility is located in the state of Missouri, a factor of 1.25 is applied to the generation from this facility such that the generation counts as 141 MWhs towards the compliance requirements.

## **Section (7) (A) 1 D**

### **RECs Created by Utility Owned Renewable Resources**

Ameren Missouri is the owner and operator of the Keokuk Hydro-electric Generation Station located on the Mississippi River in Keokuk, Iowa. The station consists of 15 separate generators. The individual nameplate ratings range from 7.2 to 8.8 MWs.

The Keokuk Hydro-electric Generation Station was certified as a qualified renewable energy resource by the MoDNR on September 28, 2011. The total generational output from the Keokuk facility for the CY 2011 was 910,045 MWhs.

The value of the energy generated by Keokuk for CY 2011 was \$26,279,652 as determined by the locational marginal pricing through the MISO.

The RECs generated from the Keokuk facility are on Ameren Missouri's books at zero cost and value. There are two reasons for this. First, due to the restrictive nature of utilizing hydroelectric to meet Renewable Portfolio Standards (RPS) in other states, there is a very limited market in which the associated Keokuk RECs could be utilized outside of Missouri. Second, the RECs created by this generation are an added benefit to Ameren Missouri rate payers as the capital and operational costs associated with Keokuk are already a part of the existing rate structure. Since the company has not incurred any additional costs above or beyond in order to acquire these RECs, the benefit to the rate payers is in the ability of Ameren Missouri to utilize these RECs to meet compliance and not incur any additional cost in the process.

In December, 2010 Ameren Missouri completed construction of approximately 100 kW of various PV solar technologies at its headquarters office building.

The Ameren Missouri headquarters solar installation was certified as a qualified renewable generation facility by the MoDNR on September 28, 2011. The total generational output of this facility during CY 2011 was 113 MWhs. In accordance with RSMo 393.1030, and as this facility is located in the state of Missouri, a factor of 1.25 is applied to the generation from this facility such that the generation counts as 141 MWhs towards the compliance requirements.

The full generational output of this solar facility is consumed at the company's headquarters building. This represents approximately 0.4% of the total electric consumption at the building.

There is no assigned value of the electricity generated as Ameren does not bill itself for generational requirements.

The value of the S-RECs could be stated as between ■■■ \$100 which represents the cost of the S-RECs procured from both 3<sup>rd</sup> party brokers in the national market and the price paid to Ameren Missouri customers.

However, assigning such a value has no bearing on the cost implications related to compliance with the MoRES. There is no reason to assign a notational value since the cost of capital and O&M associated with the generation from this facility represents the cost of compliance with the MoRES and only those values will be utilized to determine the impact against the 1% rate cap limitation.

Ameren Missouri will use all generation from this solar installation to meet current and future MoRES compliance requirements.

## **Section (7) (A) 1 E**

### **RECs Acquired and Retired**

During CY 2011, Ameren Missouri purchased energy including the associated RECs from the Pioneer Prairie Wind Farm. A total of 288,483 RECs were acquired in CY 2011 under the terms of the 15 year power purchase agreement.

In late 2010, Ameren Missouri purchased 12,606 solar RECs from various third party brokers. During CY 2011, an additional 17,400 solar RECs (includes 4,000 S-RECs to be delivered by 12/31/12) were purchased from various third party brokers. These S-RECs are associated with qualified solar facilities and registered with the Western Renewable Energy Generation Information System (WREGIS).

In CY 2011, Ameren Missouri established the Standard Offer Contract whereby customers who install solar generation sized less than 100 kW are eligible to sell the S-RECs created by their systems to Ameren Missouri for \$100 per REC.

There are two contract types: For systems sized less than 10 kW, Ameren Missouri utilizes a program established by the U.S. DOE called PV Watts to determine the annual generational output from systems installed in the region. Customers who have these size systems are paid a lump-sum up-front payment equal to the generation from their system for a 10 year period. Those RECs are then used over the 10 year period to meet the solar compliance requirement. For systems greater than 10 kW, a five year contract is used but an additional meter is required and customers are paid based on actual production.



Funding for the program was limited to \$2.0 million and was fully subscribed such that over the 10 year period, Ameren Missouri should receive approximately 20,000 S-RECs from its customers.

During CY 2011, Ameren Missouri acquired 1,060 solar RECs from its customers under terms of the Standard Offer Contract based on the PV Watts calculation and the start-up time for the systems. Of this amount, 680 RECs came from systems less than 10 kW in size and 380 were associated with systems greater than 10 kW in size. The S-RECs procured from customers with systems greater than 10 kW are metered separately and not paid for until the following year.

The S-RECs acquired from customers will also be eligible for the 1.25 factor application as stipulated in RSMo 393.1030.

Ameren Missouri retired a total of 733,598 Keokuk RECs to meet the non-solar requirements and retired a total of 14,971 S-RECs that were acquired from various third party brokers to meet the solar requirements for CY 2011.

### **Section (7) (A) 1 F**

#### **Source of RECs Acquired**

See Sections (A) 1 D and E above

### **Section (7) (A) 1 G**

#### **RECs Carried Forward**

RECs being carried forward through the 3 year banking provision are as follows:

<b><u>Facility</u></b>	<b><u>RECs</u></b>	<b><u>S-RECs</u></b>
Keokuk	2,790,608	
Pioneer Prairie	671,202	
WREGIS Accts.		11,035*
Ameren Customers		1,060**
Headquarters generation		113**

\*An additional 4,000 S-RECs were contracted for in CY 2011 but are 2012 vintage and will not be delivered until the end of CY 2012.

\*\* For Ameren customer generation, this number represents only those S-RECs actually attributed to 2011 production. This value does not include the in-state factor of 1.25.

**See Exhibit 1 for details**

## **Section (7) (A) 1 H**

### **Gains or Losses from Purchases or Sales**

Not applicable. There were no sales of RECs and all procurement was either utilized to meet CY 2011 requirements or has been banked in Ameren Missouri's NAR account and will be used for future compliance requirements.

## **Section (7) (A) 1 I**

### **RECs from Non-Utility Owned Resources**

#### **Non-solar**

Facility Owner:	EDP Renewables
Facility Name:	Pioneer Prairie Wind Farm I
Resource Type:	Wind
Location:	Mitchell County, Iowa Wayne and Stacyville Townships
Turbines:	Vestas V82 1.65 MW per turbine

**See Exhibit 2 for Affidavit**

**See Exhibit 3 for Meter Reads and Payments**

#### **Solar**

Ameren Missouri was granted a waiver by the Missouri Public Service Commission on January 11, 2012; File No. EO-2012-0150 for all reporting requirements associated with S-RECs purchased by Ameren Missouri from the various brokers and from its utility customers who have installed small scale solar generation facilities at their homes and businesses.

## **Section (7) (A) 1 J**

### **Customer Solar Rebates**

During CY 2011, Ameren Missouri processed and paid 226 requests for solar rebates. No rebates are processed until all required meter work has been performed.

## **Section (7) (A) 1 K**

### **Customer Denied Rebates**

There was one customer rebate denial due to installation of used equipment moved from a previous residence. In accordance with 4 CSR 240-20.100 (4) (D), to be eligible for the solar rebate, all equipment must be new.

## **Section (7) (A) 1 L**

### **Funds Expended for Solar Rebates**

During CY 2011, Ameren Missouri paid out \$2,964,306 associated with solar rebates.

**See Exhibit 4 for Solar Rebate Tariff details**

### **S-REC Contract Terms and Conditions**

Ameren Missouri made available a Standard Offer Contract to purchase the S-RECs from customers who installed less than 100 kW of solar at their homes and/or businesses and met all net metering requirements as applicable under tariffs filed by Ameren Missouri and approved by the MoPSC.

There were two basic contract offers:

- (1) Systems less than 10 kW and (2) systems from 10kW up to 100 kW

All RECs were purchased at the rate of \$100 per MWh.

For systems less than 10 kW, no additional metering was required; however existing meters were replaced with bi-directional meters. Ameren Missouri utilized calculations from PV Watts to determine the amount of generation expected to occur in the Ameren Missouri service territory based on the DC wattage of the installation. Ameren Missouri would then make an up-front payment of \$100 per REC based on the full estimated output of the system for a 10 year period.

For systems of 10 kW and greater, a second meter was required. All generation is metered and customers are paid \$100 per S-REC based on the actual generation from their system. These payments are made by March 31 of the following year. Contracts are for a term of 5 years.

**See Exhibit 5 for SREC Purchase Tariff**

**Section (7) (A) 1 M**

**Utility Compliance with RES Plan**

**See Exhibit 6 for company Affidavit**

## Exhibit 1 Keokuk RECs

Sub-Account	Sub-Account	NAR ID	Asset	Fuel/Project	Certificate	Certificate Serial Numbers	Quantity
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Jan	NAR-REC-160+A-01-2009-1144-1 to 72887	72887
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Feb	NAR-REC-160+A-02-2009-1145-1 to 70007	70007
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Mar	NAR-REC-160+A-03-2009-1146-1 to 69780	69780
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Apr	NAR-REC-160+A-04-2009-1147-1 to 72492	72492
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-May	NAR-REC-160+A-05-2009-1148-1 to 70469	70469
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Jun	NAR-REC-160+A-06-2009-1149-1 to 76332	76332
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Jul	NAR-REC-160+A-07-2009-1150-1 to 94140	94140
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Aug	NAR-REC-160+A-08-2009-1151-1 to 90136	90136
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Sep	NAR-REC-160+A-09-2009-1152-1 to 70715	70715
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Oct	NAR-REC-160+A-10-2009-1153-1 to 87071	87071
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Nov	NAR-REC-160+A-11-2009-1154-1 to 88133	88133
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	9-Dec	NAR-REC-160+A-12-2009-1155-1 to 87747	87747
							949909
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Jan	NAR-REC-160+A-01-2010-1121-1 to 88773	88773
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Feb	NAR-REC-160+A-02-2010-1122-1 to 83114	83114
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Mar	NAR-REC-160+A-03-2010-1123-1 to 66155	66155
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Apr	NAR-REC-160+A-04-2010-1124-1 to 72349	72349
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-May	NAR-REC-160+A-05-2010-1125-1 to 81708	81708
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Jun	NAR-REC-160+A-06-2010-1126-1 to 70991	70991
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Jul	NAR-REC-160+A-07-2010-1127-1 to 60407	60407
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Aug	NAR-REC-160+A-08-2010-1128-1 to 66032	66032
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Sep	NAR-REC-160+A-09-2010-1129-1 to 87254	87254
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Oct	NAR-REC-160+A-10-2010-1130-1 to 77912	77912
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Nov	NAR-REC-160+A-11-2010-1131-1 to 89428	89428
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	10-Dec	NAR-REC-160+A-12-2010-1225-1 to 86128	86128
							930246
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Jan	NAR-REC-160+A-01-2011-1396-1 to 93450	93450
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Feb	NAR-REC-160+A-02-2011-1403-1 to 71752	71752
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Mar	NAR-REC-160+A-03-2011-1449-1 to 87479	87479
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Apr	NAR-REC-160+A-04-2011-1456-1 to 55409	55409
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-May	NAR-REC-160+A-05-2011-1463-1 to 67493	67493
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Jun	NAR-REC-160+A-06-2011-1748-1 to 66618	66618
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Jul	NAR-REC-160+A-07-2011-1843-1 to 84874	84874
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Aug	NAR-REC-160+A-08-2011-2393-1 to 93905	93905
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Sep	NAR-REC-160+A-09-2011-2431-1 to 72804	72804
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Oct	NAR-REC-160+A-10-2011-2498-1 to 64345	64345
Keokuk	273	GEN160	Keokuk - Keokuk	Hydroelectric	11-Nov	NAR-REC-160+A-11-2011-3207-1 to 73783	73783
Keokuk					11-Dec	Estimate for December, 2011	78,536
Total							910448
Grand Total							2790608

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**Exhibit 1  
Pioneer Prairie RECs**

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ITS ENTIRETY**

## Exhibit 1 Solar RECs from WREGIS Accounts

Sub-Account	Sub-Account ID	NAR ID	Fuel/Projec	Certificate	Certificate Serial Numbers	Quantity
Solar RECs	266	IMP118	Solar	11-Jan IMP-WREG IS-REC-118-CA-10-2010-1518-1 to 3		3
Solar RECs	266	IMP118	Solar	11-Jan IMP-WREG IS-REC-118-CA-11-2010-1564-1 to 3		3
Solar RECs	266	IMP118	Solar	11-Jan IMP-WREG IS-REC-118-CA-12-2010-1612-1 to 3		3
Solar RECs	266	IMP118	Solar	11-Jan IMP-WREG IS-REC-118-CA-01-2011-1650-1 to 4		4
Solar RECs	266	IMP118	Solar	11-Jan IMP-WREG IS-REC-118-CA-02-2011-1674-1 to 4		4
Solar RECs	266	IMP118	Solar	11-Jan IMP-WREG IS-REC-118-CA-03-2011-1697-1 to 5		5
Solar RECs	266	IMP119	Solar	11-Jan IMP-WREG IS-REC-119-CA-03-2011-1698-1 to 5		5
Solar RECs	266	IMP119	Solar	11-Jan IMP-WREG IS-REC-119-CA-02-2011-1675-1 to 4		4
Solar RECs	266	IMP119	Solar	11-Jan IMP-WREG IS-REC-119-CA-01-2011-1651-1 to 3		3
Solar RECs	266	IMP119	Solar	11-Jan IMP-WREG IS-REC-119-CA-12-2010-1613-1 to 3		3
Solar RECs	266	IMP119	Solar	11-Jan IMP-WREG IS-REC-119-CA-11-2010-1565-1 to 3		3
Solar RECs	266	IMP119	Solar	11-Jan IMP-WREG IS-REC-119-CA-10-2010-1519-1 to 3		3
Solar RECs	266	IMP123	Solar	11-Jan IMP-WREG IS-REC-123-CA-12-2010-1617-1 to 3		3
Solar RECs	266	IMP123	Solar	11-Jan IMP-WREG IS-REC-123-CA-11-2010-1569-1 to 4		4
Solar RECs	266	IMP123	Solar	11-Jan IMP-WREG IS-REC-123-CA-01-2011-1655-1 to 4		4
Solar RECs	266	IMP123	Solar	11-Jan IMP-WREG IS-REC-123-CA-02-2011-1679-1 to 4		4
Solar RECs	266	IMP123	Solar	11-Jan IMP-WREG IS-REC-123-CA-03-2011-1702-1 to 5		5
Solar RECs	266	IMP120	Solar	11-Jan IMP-WREG IS-REC-120-CA-03-2011-1699-1 to 4		4
Solar RECs	266	IMP120	Solar	11-Jan IMP-WREG IS-REC-120-CA-01-2011-1652-1 to 4		4
Solar RECs	266	IMP120	Solar	11-Jan IMP-WREG IS-REC-120-CA-02-2011-1676-1 to 4		4
Solar RECs	266	IMP120	Solar	11-Jan IMP-WREG IS-REC-120-CA-12-2010-1614-1 to 2		2
Solar RECs	266	IMP120	Solar	11-Jan IMP-WREG IS-REC-120-CA-11-2010-1566-1 to 4		4
Solar RECs	266	IMP121	Solar	11-Jan IMP-WREG IS-REC-121-CA-11-2010-1567-1 to 7		7
Solar RECs	266	IMP121	Solar	11-Jan IMP-WREG IS-REC-121-CA-12-2010-1615-1 to 4		4
Solar RECs	266	IMP121	Solar	11-Jan IMP-WREG IS-REC-121-CA-02-2011-1677-1 to 7		7
Solar RECs	266	IMP121	Solar	11-Jan IMP-WREG IS-REC-121-CA-01-2011-1653-1 to 6		6
Solar RECs	266	IMP121	Solar	11-Jan IMP-WREG IS-REC-121-CA-03-2011-1700-1 to 7		7
Solar RECs	266	IMP122	Solar	11-Jan IMP-WREG IS-REC-122-CA-03-2011-1701-1 to 7		7
Solar RECs	266	IMP122	Solar	11-Jan IMP-WREG IS-REC-122-CA-02-2011-1678-1 to 5		5
Solar RECs	266	IMP122	Solar	11-Jan IMP-WREG IS-REC-122-CA-01-2011-1654-1 to 6		6
Solar RECs	266	IMP122	Solar	11-Jan IMP-WREG IS-REC-122-CA-12-2010-1616-1 to 4		4
Solar RECs	266	IMP122	Solar	11-Jan IMP-WREG IS-REC-122-CA-11-2010-1568-1 to 6		6
Solar RECs	266	IMP124	Solar	11-Jan IMP-WREG IS-REC-124-CA-01-2011-2660-1 to 7		7

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP124	Solar	11-Jan IMP-WREG IS-REC-124-CA-02-2011-2661-1 to 10	10
Solar RECs	266 IMP124	Solar	11-Jan IMP-WREG IS-REC-124-CA-03-2011-2543-1 to 12	12
Solar RECs	266 IMP124	Solar	11-Jan IMP-WREG IS-REC-124-CA-04-2011-2688-1 to 19	19
Solar RECs	266 IMP124	Solar	11-Jan IMP-WREG IS-REC-124-CA-06-2011-2565-1 to 21	21
Solar RECs	266 IMP267	Solar	11-Jan IMP-WREG IS-REC-267-CA-05-2011-2477-1 to 194	194
Solar RECs	266 IMP267	Solar	11-Jan IMP-WREG IS-REC-267-CA-04-2011-2465-1 to 157	157
Solar RECs	266 IMP100	Solar	11-Jan IMP-WREG IS-REC-100-CA-12-2010-1598-56 to 106	51
Solar RECs	266 IMP100	Solar	11-Jan IMP-WREG IS-REC-100-CA-11-2010-1551-1 to 115	115
Solar RECs	266 IMP100	Solar	11-Jan IMP-WREG IS-REC-100-CA-05-2011-2507-1 to 122	122
Solar RECs	266 IMP100	Solar	11-Jan IMP-WREG IS-REC-100-CA-04-2011-2646-1 to 210	210
Solar RECs	266 IMP100	Solar	11-Jan IMP-WREG IS-REC-100-CA-05-2011-2647-1 to 12	12
Solar RECs	266 IMP100	Solar	11-Jan IMP-WREG IS-REC-100-CA-07-2011-2707-1 to 303	303
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-06-2011-2567-1 to 15	15
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-04-2011-2689-1 to 13	13
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-05-2011-2566-1 to 15	15
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-01-2011-2533-1 to 1	1
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-03-2011-2544-1 to 9	9
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-02-2011-2663-1 to 7	7
Solar RECs	266 IMP125	Solar	11-Jan IMP-WREG IS-REC-125-CA-01-2011-2662-1 to 5	5
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-02-2011-2665-1 to 29	29
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-03-2011-2545-1 to 34	34
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-01-2011-2534-1 to 5	5
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-01-2011-2664-1 to 17	17
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-05-2011-2568-1 to 60	60
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-04-2011-2690-1 to 55	55
Solar RECs	266 IMP126	Solar	11-Jan IMP-WREG IS-REC-126-CA-06-2011-2569-1 to 62	62
Solar RECs	266 IMP101	Solar	11-Jan IMP-WREG IS-REC-101-CA-11-2010-1552-1 to 105	105
Solar RECs	266 IMP101	Solar	11-Jan IMP-WREG IS-REC-101-CA-12-2010-1599-1 to 75	75
Solar RECs	266 IMP101	Solar	11-Jan IMP-WREG IS-REC-101-CA-01-2011-2602-1 to 95	95
Solar RECs	266 IMP101	Solar	11-Jan IMP-WREG IS-REC-101-CA-03-2011-2511-15 to 129	115
Solar RECs	266 IMP101	Solar	11-Jan IMP-WREG IS-REC-101-CA-02-2011-2654-1 to 104	104
Solar RECs	266 IMP102	Solar	11-Feb IMP-WREG IS-REC-102-CA-01-2011-1646-1 to 4	4
Solar RECs	266 IMP102	Solar	11-Feb IMP-WREG IS-REC-102-CA-02-2011-1673-1 to 12	12
Solar RECs	266 IMP102	Solar	11-Feb IMP-WREG IS-REC-102-CA-12-2010-1600-1 to 9	9



## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP102	Solar	11-Feb IMP-WREG IS-REC-102-CA-11-2010-1553-1 to 17	17
Solar RECs	266 IMP102	Solar	11-Feb IMP-WREG IS-REC-102-CA-03-2011-2512-5 to 25	21
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-03-2011-2546-1 to 19	19
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-02-2011-2667-1 to 17	17
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-01-2011-2666-1 to 10	10
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-01-2011-2535-1 to 3	3
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-06-2011-2571-1 to 34	34
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-04-2011-2691-1 to 30	30
Solar RECs	266 IMP128	Solar	11-Feb IMP-WREG IS-REC-128-CA-05-2011-2570-1 to 32	32
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-05-2011-2510-1 to 311	311
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-06-2011-2509-1 to 302	302
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-07-2011-2593-1 to 273	273
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-08-2011-2519-160 to 408	249
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-11-2010-1554-1 to 163	163
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-12-2010-1601-1 to 115	115
Solar RECs	266 IMP103	Solar	11-Feb IMP-WREG IS-REC-103-CA-04-2011-2508-1 to 265	265
Solar RECs	266 IMP256	Solar	11-Feb IMP-WREG IS-REC-256-CA-08-2011-2527-89 to 284	196
Solar RECs	266 IMP256	Solar	11-Feb IMP-WREG IS-REC-256-CA-07-2011-2601-1 to 200	200
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-06-2011-2573-1 to 20	20
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-05-2011-2572-1 to 20	20
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-04-2011-2692-1 to 18	18
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-03-2011-2547-1 to 11	11
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-02-2011-2669-1 to 10	10
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-01-2011-2536-1 to 1	1
Solar RECs	266 IMP129	Solar	11-Feb IMP-WREG IS-REC-129-CA-01-2011-2668-1 to 7	7
Solar RECs	266 IMP130	Solar	11-Feb IMP-WREG IS-REC-130-CA-12-2010-1618-1 to 3	3
Solar RECs	266 IMP130	Solar	11-Feb IMP-WREG IS-REC-130-CA-11-2010-1570-1 to 6	6
Solar RECs	266 IMP130	Solar	11-Feb IMP-WREG IS-REC-130-CA-01-2011-1656-1 to 6	6
Solar RECs	266 IMP130	Solar	11-Feb IMP-WREG IS-REC-130-CA-02-2011-1680-1 to 6	6
Solar RECs	266 IMP130	Solar	11-Feb IMP-WREG IS-REC-130-CA-03-2011-1703-1 to 6	6
Solar RECs	266 IMP131	Solar	11-Feb IMP-WREG IS-REC-131-CA-03-2011-1704-1 to 11	11
Solar RECs	266 IMP131	Solar	11-Feb IMP-WREG IS-REC-131-CA-02-2011-1681-1 to 8	8
Solar RECs	266 IMP131	Solar	11-Feb IMP-WREG IS-REC-131-CA-01-2011-1657-1 to 7	7
Solar RECs	266 IMP131	Solar	11-Feb IMP-WREG IS-REC-131-CA-11-2010-1571-1 to 8	8

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP131	Solar	11-Feb IMP-WREG IS-REC-13 1-CA-12-2010-1619-1 to 6	6
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-01-2011-2670-1 to 6	6
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-01-2011-2537-1 to 1	1
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-02-2011-2671-1 to 10	10
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-03-2011-2548-1 to 12	12
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-04-2011-2693-1 to 19	19
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-05-2011-2574-1 to 20	20
Solar RECs	266 IMP132	Solar	11-Feb IMP-WREG IS-REC-13 2-CA-06-2011-2575-1 to 22	22
Solar RECs	266 IMP133	Solar	11-Feb IMP-WREG IS-REC-13 3-CA-06-2011-2577-1 to 14	14
Solar RECs	266 IMP133	Solar	11-Feb IMP-WREG IS-REC-13 3-CA-05-2011-2576-1 to 13	13
Solar RECs	266 IMP133	Solar	11-Feb IMP-WREG IS-REC-13 3-CA-04-2011-2694-1 to 12	12
Solar RECs	266 IMP133	Solar	11-Feb IMP-WREG IS-REC-13 3-CA-03-2011-2549-1 to 8	8
Solar RECs	266 IMP133	Solar	11-Feb IMP-WREG IS-REC-13 3-CA-02-2011-2673-1 to 7	7
Solar RECs	266 IMP133	Solar	11-Feb IMP-WREG IS-REC-13 3-CA-01-2011-2672-1 to 5	5
Solar RECs	266 IMP104	Solar	11-Feb IMP-WREG IS-REC-104-CA-04-2011-2612-1 to 40	40
Solar RECs	266 IMP104	Solar	11-Mar IMP-WREG IS-REC-104-CA-05-2011-2613-1 to 43	43
Solar RECs	266 IMP104	Solar	11-Mar IMP-WREG IS-REC-104-CA-06-2011-2558-1 to 39	39
Solar RECs	266 IMP105	Solar	11-Mar IMP-WREG IS-REC-105-CA-05-2011-2623-1 to 40	40
Solar RECs	266 IMP105	Solar	11-Mar IMP-WREG IS-REC-105-CA-06-2011-2564-1 to 41	41
Solar RECs	266 IMP161	Solar	11-Mar IMP-WREG IS-REC-161-CA-05-2011-2631-1 to 45	45
Solar RECs	266 IMP161	Solar	11-Mar IMP-WREG IS-REC-161-CA-06-2011-2609-1 to 40	40
Solar RECs	266 IMP161	Solar	11-Mar IMP-WREG IS-REC-161-CA-04-2011-2630-1 to 42	42
Solar RECs	266 IMP106	Solar	11-Mar IMP-WREG IS-REC-106-CA-05-2011-2618-1 to 28	28
Solar RECs	266 IMP106	Solar	11-Mar IMP-WREG IS-REC-106-CA-06-2011-2561-1 to 27	27
Solar RECs	266 IMP106	Solar	11-Mar IMP-WREG IS-REC-106-CA-04-2011-2617-1 to 24	24
Solar RECs	266 IMP107	Solar	11-Mar IMP-WREG IS-REC-107-CA-12-2010-1602-1 to 31	31
Solar RECs	266 IMP107	Solar	11-Mar IMP-WREG IS-REC-107-CA-11-2010-1555-1 to 46	46
Solar RECs	266 IMP107	Solar	11-Mar IMP-WREG IS-REC-107-CA-10-2010-1508-22 to 36	15
Solar RECs	266 IMP107	Solar	11-Mar IMP-WREG IS-REC-107-CA-04-2011-2621-1 to 62	62
Solar RECs	266 IMP107	Solar	11-Mar IMP-WREG IS-REC-107-CA-06-2011-2563-1 to 62	62
Solar RECs	266 IMP107	Solar	11-Mar IMP-WREG IS-REC-107-CA-05-2011-2622-1 to 70	70
Solar RECs	266 IMP108	Solar	11-Mar IMP-WREG IS-REC-108-CA-10-2010-1509-1 to 23	23
Solar RECs	266 IMP108	Solar	11-Mar IMP-WREG IS-REC-108-CA-11-2010-1556-1 to 26	26
Solar RECs	266 IMP108	Solar	11-Mar IMP-WREG IS-REC-108-CA-12-2010-1603-1 to 17	17

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266	IMP108	Solar	11-Mar IMP-WREGIS-REC-108-CA-06-2011-2559-1 to 35	35
Solar RECs	266	IMP108	Solar	11-Mar IMP-WREGIS-REC-108-CA-05-2011-2614-1 to 40	40
Solar RECs	266	IMP109	Solar	11-Mar IMP-WREGIS-REC-109-CA-11-2010-1557-1 to 44	44
Solar RECs	266	IMP109	Solar	11-Mar IMP-WREGIS-REC-109-CA-10-2010-1510-1 to 43	43
Solar RECs	266	IMP109	Solar	11-Mar IMP-WREGIS-REC-109-CA-12-2010-1604-1 to 30	30
Solar RECs	266	IMP109	Solar	11-Mar IMP-WREGIS-REC-109-CA-04-2011-2619-1 to 60	60
Solar RECs	266	IMP109	Solar	11-Mar IMP-WREGIS-REC-109-CA-05-2011-2620-1 to 67	67
Solar RECs	266	IMP109	Solar	11-Mar IMP-WREGIS-REC-109-CA-06-2011-2562-1 to 66	66
Solar RECs	266	IMP162	Solar	11-Mar IMP-WREGIS-REC-162-CA-05-2011-2616-1 to 23	23
Solar RECs	266	IMP162	Solar	11-Mar IMP-WREGIS-REC-162-CA-06-2011-2560-1 to 20	20
Solar RECs	266	IMP162	Solar	11-Mar IMP-WREGIS-REC-162-CA-04-2011-2615-1 to 21	21
Solar RECs	266	IMP110	Solar	11-Mar IMP-WREGIS-REC-110-CA-05-2011-2611-1 to 63	63
Solar RECs	266	IMP110	Solar	11-Mar IMP-WREGIS-REC-110-CA-06-2011-2557-1 to 64	64
Solar RECs	266	IMP111	Solar	11-Mar IMP-WREGIS-REC-111-CA-12-2010-1605-1 to 8	8
Solar RECs	266	IMP111	Solar	11-Mar IMP-WREGIS-REC-111-CA-10-2010-1511-1 to 17	17
Solar RECs	266	IMP111	Solar	11-Mar IMP-WREGIS-REC-111-CA-11-2010-1558-1 to 15	15
Solar RECs	266	IMP111	Solar	11-Mar IMP-WREGIS-REC-111-CA-06-2011-2524-1 to 26	26
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-10-2010-1512-1 to 47	47
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-12-2010-1606-1 to 20	20
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-05-2011-2711-1 to 67	67
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-04-2011-2710-1 to 62	62
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-07-2011-2598-1 to 67	67
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-06-2011-2608-1 to 64	64
Solar RECs	266	IMP112	Solar	11-Mar IMP-WREGIS-REC-112-CA-08-2011-2523-1 to 64	64
Solar RECs	266	IMP134	Solar	11-Mar IMP-WREGIS-REC-134-CA-12-2010-1620-1 to 3	3
Solar RECs	266	IMP134	Solar	11-Mar IMP-WREGIS-REC-134-CA-11-2010-1572-1 to 4	4
Solar RECs	266	IMP134	Solar	11-Mar IMP-WREGIS-REC-134-CA-10-2010-1526-1 to 4	4
Solar RECs	266	IMP134	Solar	11-Mar IMP-WREGIS-REC-134-CA-02-2011-1682-1 to 4	4
Solar RECs	266	IMP134	Solar	11-Mar IMP-WREGIS-REC-134-CA-03-2011-1705-1 to 5	5
Solar RECs	266	IMP134	Solar	11-Mar IMP-WREGIS-REC-134-CA-01-2011-1658-1 to 4	4
Solar RECs	266	IMP135	Solar	11-Mar IMP-WREGIS-REC-135-CA-02-2011-2675-1 to 10	10
Solar RECs	266	IMP135	Solar	11-Mar IMP-WREGIS-REC-135-CA-03-2011-2550-1 to 13	13
Solar RECs	266	IMP135	Solar	11-Mar IMP-WREGIS-REC-135-CA-01-2011-2674-1 to 7	7
Solar RECs	266	IMP135	Solar	11-Mar IMP-WREGIS-REC-135-CA-01-2011-2538-1 to 1	1

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP135	Solar	11-Mar IMP-WREGIS-REC-135-CA-06-2011-2579-1 to 23	23
Solar RECs	266 IMP135	Solar	11-Apr IMP-WREGIS-REC-135-CA-04-2011-2695-1 to 20	20
Solar RECs	266 IMP135	Solar	11-Apr IMP-WREGIS-REC-135-CA-05-2011-2578-1 to 22	22
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-05-2011-2580-1 to 3	3
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-06-2011-2581-1 to 108	108
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-01-2011-2676-1 to 33	33
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-03-2011-2551-1 to 62	62
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-04-2011-2696-1 to 97	97
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-02-2011-2677-1 to 54	54
Solar RECs	266 IMP136	Solar	11-Apr IMP-WREGIS-REC-136-CA-01-2011-2539-1 to 9	9
Solar RECs	266 IMP113	Solar	11-Apr IMP-WREGIS-REC-113-CA-01-2011-1647-1 to 12	12
Solar RECs	266 IMP113	Solar	11-Apr IMP-WREGIS-REC-113-CA-12-2010-1607-1 to 10	10
Solar RECs	266 IMP113	Solar	11-Apr IMP-WREGIS-REC-113-CA-10-2010-1513-1 to 13	13
Solar RECs	266 IMP113	Solar	11-Apr IMP-WREGIS-REC-113-CA-11-2010-1559-1 to 14	14
Solar RECs	266 IMP113	Solar	11-Apr IMP-WREGIS-REC-113-CA-02-2011-2655-1 to 16	16
Solar RECs	266 IMP113	Solar	11-Apr IMP-WREGIS-REC-113-CA-03-2011-2513-1 to 22	22
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-04-2011-2697-1 to 14	14
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-03-2011-2552-1 to 9	9
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-02-2011-2679-1 to 8	8
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-01-2011-2540-1 to 1	1
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-01-2011-2678-1 to 6	6
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-06-2011-2583-1 to 16	16
Solar RECs	266 IMP137	Solar	11-Apr IMP-WREGIS-REC-137-CA-05-2011-2582-1 to 16	16
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-05-2011-2584-1 to 27	27
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-06-2011-2585-1 to 29	29
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-01-2011-2680-1 to 8	8
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-01-2011-2541-1 to 2	2
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-02-2011-2681-1 to 13	13
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-04-2011-2698-1 to 25	25
Solar RECs	266 IMP138	Solar	11-Apr IMP-WREGIS-REC-138-CA-03-2011-2553-1 to 15	15
Solar RECs	266 IMP140	Solar	11-Apr IMP-WREGIS-REC-140-CA-03-2011-2554-1 to 10	10
Solar RECs	266 IMP140	Solar	11-Apr IMP-WREGIS-REC-140-CA-04-2011-2699-1 to 15	15
Solar RECs	266 IMP140	Solar	11-Apr IMP-WREGIS-REC-140-CA-02-2011-2683-1 to 8	8
Solar RECs	266 IMP140	Solar	11-Apr IMP-WREGIS-REC-140-CA-01-2011-2682-1 to 6	6

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP140	Solar	11-Apr IMP-WREGIS-REC-140-CA-06-2011-2587-1 to 17	17
Solar RECs	266 IMP140	Solar	11-Apr IMP-WREGIS-REC-140-CA-05-2011-2586-1 to 16	16
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-01-2011-2604-1 to 8	8
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-12-2010-1608-1 to 13	13
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-11-2010-1560-1 to 18	18
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-10-2010-1514-1 to 18	18
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-01-2011-1648-1 to 5	5
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-02-2011-2657-1 to 20	20
Solar RECs	266 IMP114	Solar	11-Apr IMP-WREGIS-REC-114-CA-03-2011-2515-1 to 25	25
Solar RECs	266 IMP115	Solar	11-Apr IMP-WREGIS-REC-115-CA-10-2010-1515-1 to 18	18
Solar RECs	266 IMP115	Solar	11-May IMP-WREGIS-REC-115-CA-11-2010-1561-1 to 18	18
Solar RECs	266 IMP115	Solar	11-May IMP-WREGIS-REC-115-CA-12-2010-1609-1 to 13	13
Solar RECs	266 IMP115	Solar	11-May IMP-WREGIS-REC-115-CA-01-2011-2603-1 to 17	17
Solar RECs	266 IMP115	Solar	11-May IMP-WREGIS-REC-115-CA-03-2011-2514-1 to 27	27
Solar RECs	266 IMP115	Solar	11-May IMP-WREGIS-REC-115-CA-02-2011-2656-1 to 21	21
Solar RECs	266 IMP115	Solar	11-May IMP-WREGIS-REC-115-CA-07-2011-2708-1 to 36	36
Solar RECs	266 IMP280	Solar	11-May IMP-WREGIS-REC-280-CA-06-2011-2591-1 to 68	68
Solar RECs	266 IMP281	Solar	11-May IMP-WREGIS-REC-281-CA-06-2011-2592-1 to 71	71
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-12-2010-1610-1 to 10	10
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-11-2010-1562-1 to 15	15
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-10-2010-1516-1 to 16	16
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-06-2011-2652-1 to 30	30
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-07-2011-2706-1 to 30	30
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-08-2011-2653-23 to 50	28
Solar RECs	266 IMP116	Solar	11-May IMP-WREGIS-REC-116-CA-05-2011-2645-1 to 28	28
Solar RECs	266 IMP258	Solar	11-May IMP-WREGIS-REC-258-CA-12-2010-1645-1 to 1	1
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-12-2010-1636-1 to 5	5
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-10-2010-1541-1 to 7	7
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-11-2010-1588-1 to 3	3
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-05-2011-2644-1 to 14	14
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-04-2011-2643-1 to 12	12
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-08-2011-2532-10 to 21	12
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-07-2011-2705-1 to 13	13
Solar RECs	266 IMP164	Solar	11-May IMP-WREGIS-REC-164-CA-06-2011-2651-1 to 12	12



## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-11-2010-1589-1 to 6	6
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-10-2010-1542-1 to 6	6
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-12-2010-1637-1 to 4	4
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-06-2011-2605-1 to 9	9
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-07-2011-2594-1 to 9	9
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-08-2011-2520-8 to 15	8
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-04-2011-2624-1 to 8	8
Solar RECs	266 IMP165	Solar	11-May IMP-WREG IS-REC-165-CA-05-2011-2625-1 to 8	8
Solar RECs	266 IMP166	Solar	11-May IMP-WREG IS-REC-166-CA-12-2010-1638-1 to 5	5
Solar RECs	266 IMP166	Solar	11-May IMP-WREG IS-REC-166-CA-10-2010-1543-1 to 6	6
Solar RECs	266 IMP166	Solar	11-May IMP-WREG IS-REC-166-CA-11-2010-1590-1 to 7	7
Solar RECs	266 IMP166	Solar	11-May IMP-WREG IS-REC-166-CA-05-2011-2626-1 to 9	9
Solar RECs	266 IMP166	Solar	11-May IMP-WREG IS-REC-166-CA-07-2011-2595-1 to 10	10
Solar RECs	266 IMP166	Solar	11-May IMP-WREG IS-REC-166-CA-06-2011-2606-1 to 10	10
Solar RECs	266 IMP167	Solar	11-May IMP-WREG IS-REC-167-CA-06-2011-2648-1 to 10	10
Solar RECs	266 IMP167	Solar	11-May IMP-WREG IS-REC-167-CA-07-2011-2703-1 to 10	10
Solar RECs	266 IMP167	Solar	11-May IMP-WREG IS-REC-167-CA-08-2011-2530-1 to 10	10
Solar RECs	266 IMP167	Solar	11-May IMP-WREG IS-REC-167-CA-05-2011-2640-1 to 10	10
Solar RECs	266 IMP167	Solar	11-May IMP-WREG IS-REC-167-CA-04-2011-2639-1 to 9	9
Solar RECs	266 IMP168	Solar	11-May IMP-WREG IS-REC-168-CA-04-2011-2627-1 to 13	13
Solar RECs	266 IMP168	Solar	11-Jun IMP-WREG IS-REC-168-CA-05-2011-2628-1 to 15	15
Solar RECs	266 IMP168	Solar	11-Jun IMP-WREG IS-REC-168-CA-08-2011-2521-11 to 24	14
Solar RECs	266 IMP168	Solar	11-Jun IMP-WREG IS-REC-168-CA-06-2011-2607-1 to 13	13
Solar RECs	266 IMP168	Solar	11-Jun IMP-WREG IS-REC-168-CA-07-2011-2596-1 to 15	15
Solar RECs	266 IMP169	Solar	11-Jun IMP-WREG IS-REC-169-CA-07-2011-2704-1 to 8	8
Solar RECs	266 IMP169	Solar	11-Jun IMP-WREG IS-REC-169-CA-06-2011-2650-1 to 7	7
Solar RECs	266 IMP169	Solar	11-Jun IMP-WREG IS-REC-169-CA-08-2011-2531-6 to 13	8
Solar RECs	266 IMP169	Solar	11-Jun IMP-WREG IS-REC-169-CA-05-2011-2642-1 to 9	9
Solar RECs	266 IMP169	Solar	11-Jun IMP-WREG IS-REC-169-CA-04-2011-2641-1 to 8	8
Solar RECs	266 IMP173	Solar	11-Jun IMP-WREG IS-REC-173-CA-04-2011-2637-1 to 8	8
Solar RECs	266 IMP173	Solar	11-Jun IMP-WREG IS-REC-173-CA-05-2011-2638-1 to 10	10
Solar RECs	266 IMP173	Solar	11-Jun IMP-WREG IS-REC-173-CA-08-2011-2529-8 to 16	9
Solar RECs	266 IMP173	Solar	11-Jun IMP-WREG IS-REC-173-CA-07-2011-2649-1 to 10	10
Solar RECs	266 IMP170	Solar	11-Jun IMP-WREG IS-REC-170-CA-08-2011-2526-13 to 28	16

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP170	Solar	11-Jun IMP-WREG IS-REC-170-CA-07-2011-2600-1 to 16	16
Solar RECs	266 IMP170	Solar	11-Jun IMP-WREG IS-REC-170-CA-05-2011-2634-1 to 15	15
Solar RECs	266 IMP170	Solar	11-Jun IMP-WREG IS-REC-170-CA-06-2011-2610-1 to 16	16
Solar RECs	266 IMP170	Solar	11-Jun IMP-WREG IS-REC-170-CA-04-2011-2633-1 to 15	15
Solar RECs	266 IMP171	Solar	11-Jun IMP-WREG IS-REC-171-CA-05-2011-2629-1 to 8	8
Solar RECs	266 IMP171	Solar	11-Jun IMP-WREG IS-REC-171-CA-08-2011-2522-7 to 15	9
Solar RECs	266 IMP171	Solar	11-Jun IMP-WREG IS-REC-171-CA-07-2011-2597-1 to 9	9
Solar RECs	266 IMP172	Solar	11-Jun IMP-WREG IS-REC-172-CA-07-2011-2702-1 to 9	9
Solar RECs	266 IMP172	Solar	11-Jun IMP-WREG IS-REC-172-CA-08-2011-2528-7 to 15	9
Solar RECs	266 IMP172	Solar	11-Jun IMP-WREG IS-REC-172-CA-05-2011-2636-1 to 9	9
Solar RECs	266 IMP172	Solar	11-Jun IMP-WREG IS-REC-172-CA-04-2011-2635-1 to 8	8
Solar RECs	266 IMP142	Solar	11-Jun IMP-WREG IS-REC-142-CA-10-2010-1527-1 to 4	4
Solar RECs	266 IMP142	Solar	11-Jun IMP-WREG IS-REC-142-CA-11-2010-1573-1 to 4	4
Solar RECs	266 IMP142	Solar	11-Jun IMP-WREG IS-REC-142-CA-12-2010-1621-1 to 3	3
Solar RECs	266 IMP142	Solar	11-Jun IMP-WREG IS-REC-142-CA-01-2011-1659-1 to 4	4
Solar RECs	266 IMP142	Solar	11-Jun IMP-WREG IS-REC-142-CA-02-2011-1683-1 to 5	5
Solar RECs	266 IMP142	Solar	11-Jun IMP-WREG IS-REC-142-CA-03-2011-1706-1 to 8	8
Solar RECs	266 IMP268	Solar	11-Jun IMP-WREG IS-REC-268-CA-03-2011-2454-1 to 129	129
Solar RECs	266 IMP268	Solar	11-Jun IMP-WREG IS-REC-268-CA-04-2011-2466-1 to 213	213
Solar RECs	266 IMP268	Solar	11-Jun IMP-WREG IS-REC-268-CA-02-2011-2446-1 to 117	117
Solar RECs	266 IMP268	Solar	11-Jun IMP-WREG IS-REC-268-CA-01-2011-2436-1 to 74	74
Solar RECs	266 IMP269	Solar	11-Jun IMP-WREG IS-REC-269-CA-01-2011-2437-1 to 46	46
Solar RECs	266 IMP269	Solar	11-Jul IMP-WREG IS-REC-269-CA-02-2011-2447-1 to 49	49
Solar RECs	266 IMP269	Solar	11-Jul IMP-WREG IS-REC-269-CA-04-2011-2467-1 to 76	76
Solar RECs	266 IMP269	Solar	11-Jul IMP-WREG IS-REC-269-CA-03-2011-2455-1 to 67	67
Solar RECs	266 IMP270	Solar	11-Jul IMP-WREG IS-REC-270-CA-03-2011-2456-1 to 32	32
Solar RECs	266 IMP270	Solar	11-Jul IMP-WREG IS-REC-270-CA-04-2011-2468-1 to 36	36
Solar RECs	266 IMP270	Solar	11-Jul IMP-WREG IS-REC-270-CA-02-2011-2448-1 to 23	23
Solar RECs	266 IMP270	Solar	11-Jul IMP-WREG IS-REC-270-CA-01-2011-2438-1 to 22	22
Solar RECs	266 IMP277	Solar	11-Jul IMP-WREG IS-REC-277-CA-01-2011-2444-1 to 6	6
Solar RECs	266 IMP277	Solar	11-Jul IMP-WREG IS-REC-277-CA-03-2011-2463-1 to 9	9
Solar RECs	266 IMP277	Solar	11-Jul IMP-WREG IS-REC-277-CA-05-2011-2483-1 to 12	12
Solar RECs	266 IMP277	Solar	11-Jul IMP-WREG IS-REC-277-CA-04-2011-2475-1 to 10	10
Solar RECs	266 IMP273	Solar	11-Jul IMP-WREG IS-REC-273-CA-05-2011-2479-1 to 12	12

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP273	Solar	11-Jul IMP-WREG IS-REC-273-CA-03-2011-2459-1 to 10	10
Solar RECs	266 IMP273	Solar	11-Jul IMP-WREG IS-REC-273-CA-04-2011-2471-1 to 11	11
Solar RECs	266 IMP273	Solar	11-Jul IMP-WREG IS-REC-273-CA-02-2011-2451-1 to 8	8
Solar RECs	266 IMP273	Solar	11-Jul IMP-WREG IS-REC-273-CA-01-2011-2441-1 to 7	7
Solar RECs	266 IMP272	Solar	11-Jul IMP-WREG IS-REC-272-CA-01-2011-2440-1 to 9	9
Solar RECs	266 IMP272	Solar	11-Aug IMP-WREG IS-REC-272-CA-02-2011-2450-1 to 10	10
Solar RECs	266 IMP272	Solar	11-Aug IMP-WREG IS-REC-272-CA-04-2011-2470-1 to 14	14
Solar RECs	266 IMP272	Solar	11-Aug IMP-WREG IS-REC-272-CA-03-2011-2458-1 to 11	11
Solar RECs	266 IMP272	Solar	11-Aug IMP-WREG IS-REC-272-CA-05-2011-2478-1 to 15	15
Solar RECs	266 IMP275	Solar	11-Aug IMP-WREG IS-REC-275-CA-05-2011-2481-1 to 12	12
Solar RECs	266 IMP275	Solar	11-Aug IMP-WREG IS-REC-275-CA-03-2011-2461-1 to 9	9
Solar RECs	266 IMP275	Solar	11-Aug IMP-WREG IS-REC-275-CA-04-2011-2473-1 to 10	10
Solar RECs	266 IMP275	Solar	11-Aug IMP-WREG IS-REC-275-CA-01-2011-2442-1 to 3	3
Solar RECs	266 IMP169	Solar	11-Aug IMP-WREG IS-REC-169-CA-10-2010-1545-1 to 4	4
Solar RECs	266 IMP169	Solar	11-Aug IMP-WREG IS-REC-169-CA-11-2010-1592-1 to 5	5
Solar RECs	266 IMP169	Solar	11-Aug IMP-WREG IS-REC-169-CA-12-2010-1640-1 to 4	4
Solar RECs	266 IMP170	Solar	11-Aug IMP-WREG IS-REC-170-CA-12-2010-1641-1 to 5	5
Solar RECs	266 IMP170	Solar	11-Aug IMP-WREG IS-REC-170-CA-10-2010-1546-1 to 10	10
Solar RECs	266 IMP170	Solar	11-Aug IMP-WREG IS-REC-170-CA-11-2010-1593-1 to 8	8
				9605
Solar RECs	266 IMP274	Solar	10-Oct IMP-WREG IS-REC-274-CA-04-2011-2472-1 to 34	34
Solar RECs	266 IMP274	Solar	10-Oct IMP-WREG IS-REC-274-CA-03-2011-2460-1 to 8	8
Solar RECs	266 IMP274	Solar	10-Oct IMP-WREG IS-REC-274-CA-05-2011-2480-1 to 10	10
Solar RECs	266 IMP276	Solar	10-Oct IMP-WREG IS-REC-276-CA-05-2011-2482-1 to 70	70
Solar RECs	266 IMP276	Solar	10-Oct IMP-WREG IS-REC-276-CA-03-2011-2462-1 to 57	57
Solar RECs	266 IMP276	Solar	10-Oct IMP-WREG IS-REC-276-CA-04-2011-2474-1 to 83	83
Solar RECs	266 IMP276	Solar	10-Oct IMP-WREG IS-REC-276-CA-02-2011-2452-1 to 50	50
Solar RECs	266 IMP276	Solar	10-Oct IMP-WREG IS-REC-276-CA-01-2011-2443-1 to 23	23
Solar RECs	266 IMP168	Solar	10-Oct IMP-WREG IS-REC-168-CA-12-2010-1639-1 to 6	6
Solar RECs	266 IMP168	Solar	10-Oct IMP-WREG IS-REC-168-CA-10-2010-1544-1 to 8	8
Solar RECs	266 IMP168	Solar	10-Oct IMP-WREG IS-REC-168-CA-11-2010-1591-1 to 9	9
Solar RECs	266 IMP172	Solar	10-Oct IMP-WREG IS-REC-172-CA-11-2010-1595-1 to 7	7
Solar RECs	266 IMP172	Solar	10-Oct IMP-WREG IS-REC-172-CA-10-2010-1548-1 to 6	6
Solar RECs	266 IMP172	Solar	10-Oct IMP-WREG IS-REC-172-CA-12-2010-1643-1 to 4	4



**Exhibit 1**  
**Solar RECs from WREGIS Accounts**

Solar RECs	266 IMP171	Solar	10-Oct IMP-WREGIS-REC-171-CA-11-2010-1594-1 to 6	6
Solar RECs	266 IMP171	Solar	10-Oct IMP-WREGIS-REC-171-CA-10-2010-1547-1 to 5	5
Solar RECs	266 IMP171	Solar	10-Oct IMP-WREGIS-REC-171-CA-12-2010-1642-1 to 5	5
Solar RECs	266 IMP271	Solar	10-Oct IMP-WREGIS-REC-271-CA-01-2011-2439-1 to 47	47
Solar RECs	266 IMP271	Solar	10-Oct IMP-WREGIS-REC-271-CA-02-2011-2449-1 to 53	53
Solar RECs	266 IMP271	Solar	10-Oct IMP-WREGIS-REC-271-CA-04-2011-2469-1 to 66	66
Solar RECs	266 IMP271	Solar	10-Oct IMP-WREGIS-REC-271-CA-03-2011-2457-1 to 59	59
Solar RECs	266 IMP278	Solar	10-Oct IMP-WREGIS-REC-278-CA-03-2011-2464-1 to 9	9
Solar RECs	266 IMP278	Solar	10-Oct IMP-WREGIS-REC-278-CA-04-2011-2476-1 to 8	8
Solar RECs	266 IMP278	Solar	10-Oct IMP-WREGIS-REC-278-CA-02-2011-2453-1 to 5	5
Solar RECs	266 IMP278	Solar	10-Oct IMP-WREGIS-REC-278-CA-01-2011-2445-1 to 5	5
Solar RECs	266 IMP174	Solar	10-Oct IMP-WREGIS-REC-174-CA-11-2010-1596-1 to 3	3
Solar RECs	266 IMP174	Solar	10-Oct IMP-WREGIS-REC-174-CA-10-2010-1549-1 to 4	4
Solar RECs	266 IMP143	Solar	10-Oct IMP-WREGIS-REC-143-CA-10-2010-1528-1 to 4	4
Solar RECs	266 IMP143	Solar	10-Oct IMP-WREGIS-REC-143-CA-11-2010-1574-1 to 4	4
Solar RECs	266 IMP143	Solar	10-Oct IMP-WREGIS-REC-143-CA-12-2010-1622-1 to 2	2
Solar RECs	266 IMP143	Solar	10-Oct IMP-WREGIS-REC-143-CA-01-2011-1660-1 to 3	3
Solar RECs	266 IMP143	Solar	10-Oct IMP-WREGIS-REC-143-CA-02-2011-1684-1 to 3	3
Solar RECs	266 IMP143	Solar	10-Oct IMP-WREGIS-REC-143-CA-03-2011-1707-1 to 3	3
Solar RECs	266 IMP144	Solar	10-Oct IMP-WREGIS-REC-144-CA-03-2011-1708-1 to 3	3
Solar RECs	266 IMP144	Solar	10-Oct IMP-WREGIS-REC-144-CA-01-2011-1661-1 to 3	3
Solar RECs	266 IMP144	Solar	10-Oct IMP-WREGIS-REC-144-CA-02-2011-1685-1 to 3	3
Solar RECs	266 IMP144	Solar	10-Nov IMP-WREGIS-REC-144-CA-12-2010-1623-1 to 2	2
Solar RECs	266 IMP144	Solar	10-Nov IMP-WREGIS-REC-144-CA-10-2010-1529-1 to 3	3
Solar RECs	266 IMP144	Solar	10-Nov IMP-WREGIS-REC-144-CA-11-2010-1575-1 to 3	3
Solar RECs	266 IMP145	Solar	10-Nov IMP-WREGIS-REC-145-CA-11-2010-1576-1 to 2	2
Solar RECs	266 IMP145	Solar	10-Nov IMP-WREGIS-REC-145-CA-10-2010-1530-1 to 3	3
Solar RECs	266 IMP145	Solar	10-Nov IMP-WREGIS-REC-145-CA-12-2010-1624-1 to 2	2
Solar RECs	266 IMP145	Solar	10-Nov IMP-WREGIS-REC-145-CA-02-2011-1686-1 to 3	3
Solar RECs	266 IMP145	Solar	10-Nov IMP-WREGIS-REC-145-CA-01-2011-1662-1 to 2	2
Solar RECs	266 IMP145	Solar	10-Nov IMP-WREGIS-REC-145-CA-03-2011-1709-1 to 3	3
Solar RECs	266 IMP146	Solar	10-Nov IMP-WREGIS-REC-146-CA-01-2011-1663-1 to 11	11
Solar RECs	266 IMP146	Solar	10-Nov IMP-WREGIS-REC-146-CA-12-2010-1625-1 to 8	8
Solar RECs	266 IMP146	Solar	10-Nov IMP-WREGIS-REC-146-CA-10-2010-1531-1 to 11	11

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266 IMP146	Solar	10-Nov IMP-WREGIS-REC-146-CA-11-2010-1577-1 to 12	12
Solar RECs	266 IMP146	Solar	10-Nov IMP-WREGIS-REC-146-CA-02-2011-2658-1 to 13	13
Solar RECs	266 IMP146	Solar	10-Nov IMP-WREGIS-REC-146-CA-03-2011-2517-1 to 16	16
Solar RECs	266 IMP117	Solar	10-Nov IMP-WREGIS-REC-117-CA-01-2011-1649-1 to 10	10
Solar RECs	266 IMP117	Solar	10-Nov IMP-WREGIS-REC-117-CA-10-2010-1517-1 to 27	27
Solar RECs	266 IMP117	Solar	10-Nov IMP-WREGIS-REC-117-CA-11-2010-1563-1 to 16	16
Solar RECs	266 IMP117	Solar	10-Nov IMP-WREGIS-REC-117-CA-12-2010-1611-1 to 16	16
Solar RECs	266 IMP117	Solar	10-Nov IMP-WREGIS-REC-117-CA-02-2011-2659-1 to 19	19
Solar RECs	266 IMP117	Solar	10-Nov IMP-WREGIS-REC-117-CA-03-2011-2518-1 to 22	22
Solar RECs	266 IMP148	Solar	10-Nov IMP-WREGIS-REC-148-CA-03-2011-1710-1 to 5	5
Solar RECs	266 IMP148	Solar	10-Nov IMP-WREGIS-REC-148-CA-02-2011-1688-1 to 4	4
Solar RECs	266 IMP148	Solar	10-Nov IMP-WREGIS-REC-148-CA-01-2011-1665-1 to 4	4
Solar RECs	266 IMP148	Solar	10-Nov IMP-WREGIS-REC-148-CA-12-2010-1627-1 to 3	3
Solar RECs	266 IMP148	Solar	10-Nov IMP-WREGIS-REC-148-CA-11-2010-1579-1 to 4	4
Solar RECs	266 IMP148	Solar	10-Nov IMP-WREGIS-REC-148-CA-10-2010-1533-1 to 4	4
Solar RECs	266 IMP147	Solar	10-Nov IMP-WREGIS-REC-147-CA-10-2010-1532-1 to 11	11
Solar RECs	266 IMP147	Solar	10-Nov IMP-WREGIS-REC-147-CA-11-2010-1578-1 to 10	10
Solar RECs	266 IMP147	Solar	10-Nov IMP-WREGIS-REC-147-CA-12-2010-1626-1 to 7	7
Solar RECs	266 IMP147	Solar	10-Nov IMP-WREGIS-REC-147-CA-01-2011-1664-1 to 9	9
Solar RECs	266 IMP147	Solar	10-Nov IMP-WREGIS-REC-147-CA-02-2011-1687-1 to 10	10
Solar RECs	266 IMP147	Solar	10-Nov IMP-WREGIS-REC-147-CA-03-2011-2516-1 to 13	13
Solar RECs	266 IMP149	Solar	10-Nov IMP-WREGIS-REC-149-CA-03-2011-1711-1 to 8	8
Solar RECs	266 IMP149	Solar	10-Nov IMP-WREGIS-REC-149-CA-02-2011-1689-1 to 7	7
Solar RECs	266 IMP149	Solar	10-Nov IMP-WREGIS-REC-149-CA-01-2011-1666-1 to 6	6
Solar RECs	266 IMP149	Solar	10-Nov IMP-WREGIS-REC-149-CA-11-2010-1580-1 to 6	6
Solar RECs	266 IMP149	Solar	10-Nov IMP-WREGIS-REC-149-CA-12-2010-1628-1 to 5	5
Solar RECs	266 IMP149	Solar	10-Nov IMP-WREGIS-REC-149-CA-10-2010-1534-1 to 6	6
Solar RECs	266 IMP150	Solar	10-Nov IMP-WREGIS-REC-150-CA-11-2010-1581-1 to 7	7
Solar RECs	266 IMP150	Solar	10-Nov IMP-WREGIS-REC-150-CA-12-2010-1629-1 to 3	3
Solar RECs	266 IMP150	Solar	10-Nov IMP-WREGIS-REC-150-CA-01-2011-1667-1 to 6	6
Solar RECs	266 IMP150	Solar	10-Nov IMP-WREGIS-REC-150-CA-02-2011-1690-1 to 7	7
Solar RECs	266 IMP150	Solar	10-Nov IMP-WREGIS-REC-150-CA-03-2011-1712-1 to 8	8
Solar RECs	266 IMP151	Solar	10-Nov IMP-WREGIS-REC-151-CA-03-2011-1713-1 to 4	4
Solar RECs	266 IMP151	Solar	10-Nov IMP-WREGIS-REC-151-CA-02-2011-1691-1 to 3	3

## Exhibit 1 Solar RECs from WREGIS Accounts

Solar RECs	266	IMP151	Solar	10-Dec IMP-WREGIS-REC-151-CA-01-2011-1668-1 to 3	3
Solar RECs	266	IMP151	Solar	10-Dec IMP-WREGIS-REC-151-CA-12-2010-1630-1 to 3	3
Solar RECs	266	IMP151	Solar	10-Dec IMP-WREGIS-REC-151-CA-11-2010-1582-1 to 3	3
Solar RECs	266	IMP151	Solar	10-Dec IMP-WREGIS-REC-151-CA-10-2010-1535-1 to 2	2
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-01-2011-2684-1 to 9	9
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-01-2011-2542-1 to 2	2
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-02-2011-2685-1 to 13	13
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-03-2011-2555-1 to 17	17
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-04-2011-2700-1 to 26	26
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-05-2011-2588-1 to 27	27
Solar RECs	266	IMP152	Solar	10-Dec IMP-WREGIS-REC-152-CA-06-2011-2589-1 to 28	28
Solar RECs	266	IMP153	Solar	10-Dec IMP-WREGIS-REC-153-CA-03-2011-1714-1 to 9	9
Solar RECs	266	IMP153	Solar	10-Dec IMP-WREGIS-REC-153-CA-02-2011-1692-1 to 7	7
Solar RECs	266	IMP153	Solar	10-Dec IMP-WREGIS-REC-153-CA-01-2011-1669-1 to 7	7
Solar RECs	266	IMP153	Solar	10-Dec IMP-WREGIS-REC-153-CA-12-2010-1631-1 to 5	5
Solar RECs	266	IMP153	Solar	10-Dec IMP-WREGIS-REC-153-CA-10-2010-1536-1 to 6	6
Solar RECs	266	IMP153	Solar	10-Dec IMP-WREGIS-REC-153-CA-11-2010-1583-1 to 7	7
Solar RECs	266	IMP174	Solar	10-Dec IMP-WREGIS-REC-174-CA-07-2011-2599-1 to 2	2
Solar RECs	266	IMP174	Solar	10-Dec IMP-WREGIS-REC-174-CA-08-2011-2525-7 to 14	8
Solar RECs	266	IMP174	Solar	10-Dec IMP-WREGIS-REC-174-CA-05-2011-2632-1 to 4	4
Solar RECs	266	IMP154	Solar	10-Dec IMP-WREGIS-REC-154-CA-11-2010-1584-1 to 9	9
Solar RECs	266	IMP154	Solar	10-Dec IMP-WREGIS-REC-154-CA-10-2010-1537-1 to 5	5
Solar RECs	266	IMP154	Solar	10-Dec IMP-WREGIS-REC-154-CA-12-2010-1632-1 to 5	5
Solar RECs	266	IMP154	Solar	10-Dec IMP-WREGIS-REC-154-CA-02-2011-1693-1 to 9	9
Solar RECs	266	IMP154	Solar	10-Dec IMP-WREGIS-REC-154-CA-03-2011-1715-1 to 9	9
Solar RECs	266	IMP155	Solar	10-Dec IMP-WREGIS-REC-155-CA-03-2011-1716-1 to 7	7
Solar RECs	266	IMP155	Solar	10-Dec IMP-WREGIS-REC-155-CA-02-2011-1694-1 to 4	4
Solar RECs	266	IMP155	Solar	10-Dec IMP-WREGIS-REC-155-CA-01-2011-1670-1 to 3	3
Solar RECs	266	IMP155	Solar	10-Dec IMP-WREGIS-REC-155-CA-12-2010-1633-1 to 3	3
Solar RECs	266	IMP155	Solar	10-Dec IMP-WREGIS-REC-155-CA-10-2010-1538-1 to 5	5
Solar RECs	266	IMP155	Solar	10-Dec IMP-WREGIS-REC-155-CA-11-2010-1585-1 to 4	4
Solar RECs	266	IMP156	Solar	10-Dec IMP-WREGIS-REC-156-CA-11-2010-1586-1 to 10	10
Solar RECs	266	IMP156	Solar	10-Dec IMP-WREGIS-REC-156-CA-10-2010-1539-1 to 9	9
Solar RECs	266	IMP156	Solar	10-Dec IMP-WREGIS-REC-156-CA-12-2010-1634-1 to 4	4

**Exhibit 1**  
**Solar RECs from WREGIS Accounts**

Solar RECs	266 IMP156	Solar	10-Dec IMP-WREGIS-REC-156-CA-01-2011-1671-1 to 1	1
Solar RECs	266 IMP156	Solar	10-Dec IMP-WREGIS-REC-156-CA-02-2011-1695-1 to 2	2
Solar RECs	266 IMP156	Solar	10-Dec IMP-WREGIS-REC-156-CA-03-2011-1717-1 to 2	2
Solar RECs	266 IMP157	Solar	10-Dec IMP-WREGIS-REC-157-CA-02-2011-1696-1 to 8	8
Solar RECs	266 IMP157	Solar	10-Dec IMP-WREGIS-REC-157-CA-12-2010-1635-1 to 6	6
Solar RECs	266 IMP157	Solar	10-Dec IMP-WREGIS-REC-157-CA-01-2011-1672-1 to 6	6
Solar RECs	266 IMP157	Solar	10-Dec IMP-WREGIS-REC-157-CA-10-2010-1540-1 to 7	7
Solar RECs	266 IMP157	Solar	10-Dec IMP-WREGIS-REC-157-CA-11-2010-1587-1 to 7	7
Solar RECs	266 IMP158	Solar	10-Dec IMP-WREGIS-REC-158-CA-01-2011-2686-1 to 7	7
Solar RECs	266 IMP158	Solar	10-Dec IMP-WREGIS-REC-158-CA-02-2011-2687-1 to 11	11
Solar RECs	266 IMP158	Solar	10-Dec IMP-WREGIS-REC-158-CA-03-2011-2556-1 to 13	13
Solar RECs	266 IMP158	Solar	10-Dec IMP-WREGIS-REC-158-CA-04-2011-2701-1 to 21	21
Solar RECs	266 IMP158	Solar	10-Dec IMP-WREGIS-REC-158-CA-06-2011-2590-1 to 23	23
				1430
				11035

During CY 2011, an additional 4,000 S-RECs were contracted for, but because they are 2012 vintage, these additional S-RECs will not be transferred to Ameren Missouri's NAR account until the end of CY 2012.

**Exhibit 1  
Customer Systems <10 kW**

City	State	Zip	Generation Source	Name Plate (kW)	2011 SRE C
Holts Summit	MO	65043	Photovoltaic Solar	9.66	8.36
New Florence	MO	63363	Photovoltaic Solar	9.87	2.09
Chesterfield	MO	63005	Photovoltaic Solar	9.856	4.21
Jefferson City	MO	65109	Photovoltaic Solar	9.87	5.65
Manchester	MO	63011	Photovoltaic Solar	7.92	9.51
St. John	MO	63114	Photovoltaic Solar	3.075	2.72
Boonville	MO	65233	Photovoltaic Solar	9.87	4.25
Kaiser	MO	65047	Photovoltaic Solar	8.28	4.80
Sunset Hills	MO	63127	Photovoltaic Solar	9.87	5.21
DeSoto	MO	63020	Photovoltaic Solar	5.17	6.50
DeSoto	MO	63020	Photovoltaic Solar	4.7	5.90
Hillsboro	MO	63050	Photovoltaic Solar	3.055	3.90
St. Louis	MO	63112	Photovoltaic Solar	4.1	3.33
St. Louis	MO	65270	Photovoltaic Solar	9.87	3.32
Jefferson City	MO	65109	Photovoltaic Solar	9.66	9.73
St. Louis	MO	63106	Photovoltaic Solar	6.58	3.93
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63104	Photovoltaic Solar	6.11	7.70
St. Louis	MO	63104	Photovoltaic Solar	4.23	5.40
St. Louis	MO	63104	Photovoltaic Solar	2.35	3.00
St. Louis	MO	63104	Photovoltaic Solar	2.35	3.00
St. Louis	MO	63104	Photovoltaic Solar	2.35	3.00
St. Louis	MO	63104	Photovoltaic Solar	5.17	6.50
St. Louis	MO	63104	Photovoltaic Solar	4.935	6.20
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63104	Photovoltaic Solar	1.88	2.28
St. Louis	MO	63106	Photovoltaic Solar	4.7	3.14
St. Louis	MO	63106	Photovoltaic Solar	3.76	2.55
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.59
St. Louis	MO	63106	Photovoltaic Solar	3.29	2.23
St. Louis	MO	63106	Photovoltaic Solar	3.29	2.23
St. Louis	MO	63106	Photovoltaic Solar	1.645	1.12
St. Louis	MO	63106	Photovoltaic Solar	5.17	3.42
St. Louis	MO	63106	Photovoltaic Solar	4.23	2.87
St. Louis	MO	63106	Photovoltaic Solar	3.29	2.20
St. Louis	MO	63106	Photovoltaic Solar	1.88	1.28
St. Louis	MO	63106	Photovoltaic Solar	1.175	0.80
St. Louis	MO	63104	Photovoltaic Solar	9.635	11.33
St. Louis	MO	63104	Photovoltaic Solar	9.4	11.05
St. Louis	MO	63104	Photovoltaic Solar	8.225	9.66
St. Louis	MO	63104	Photovoltaic Solar	7.99	9.38
St. Louis	MO	63104	Photovoltaic Solar	4.7	5.48
St. Louis	MO	63104	Photovoltaic Solar	6.58	7.71
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.53
St. Louis	MO	63106	Photovoltaic Solar	6.11	4.05
St. Louis	MO	63106	Photovoltaic Solar	4.23	2.83

**Exhibit 1**  
**Customer Systems <10kW**

St. Louis	MO	63106	Photovoltaic Solar	4.7	3.10
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.58
St. Louis	MO	63106	Photovoltaic Solar	9.4	6.26
St. Louis	MO	63106	Photovoltaic Solar	3.995	2.67
St. Louis	MO	63106	Photovoltaic Solar	6.58	4.34
St. Louis	MO	63106	Photovoltaic Solar	5.6	3.72
St. Louis	MO	63106	Photovoltaic Solar	3.29	2.20
St. Louis	MO	63106	Photovoltaic Solar	3.76	2.52
St. Louis	MO	63106	Photovoltaic Solar	8.225	5.47
St. Louis	MO	63106	Photovoltaic Solar	2.585	1.68
St. Louis	MO	63106	Photovoltaic Solar	4.23	2.83
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.58
St. Louis	MO	63106	Photovoltaic Solar	1.88	1.26
St. Louis	MO	63106	Photovoltaic Solar	3.76	2.52
St. Louis	MO	63106	Photovoltaic Solar	3.29	2.21
St. Louis	MO	63106	Photovoltaic Solar	7.285	4.84
St. Louis	MO	63106	Photovoltaic Solar	4.7	3.10
St. Louis	MO	63106	Photovoltaic Solar	1.88	1.26
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.57
St. Louis	MO	63106	Photovoltaic Solar	2.82	1.88
St. Louis	MO	63106	Photovoltaic Solar	7.05	4.68
St. Louis	MO	63106	Photovoltaic Solar	4.7	3.09
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.57
St. Louis	MO	63106	Photovoltaic Solar	1.41	0.94
St. Louis	MO	63106	Photovoltaic Solar	1.88	1.20
St. Louis	MO	63106	Photovoltaic Solar	8.225	5.27
St. Louis	MO	63106	Photovoltaic Solar	2.35	1.58
St. Louis	MO	63106	Photovoltaic Solar	3.76	2.51
St. Louis	MO	63106	Photovoltaic Solar	8.46	5.42
Holts Summit	MO	65043-1339	Photovoltaic Solar	9.87	5.45
Winfield	MO	63389	Photovoltaic Solar	7.095	9.40
St. Louis	MO	63130-4899	Photovoltaic Solar	8.61	10.90
St. Louis	MO	63146	Photovoltaic Solar	3.52	2.35
Richmond Heights	MO	63117	Photovoltaic Solar	1.88	2.40
St. Louis	MO	63109	Photovoltaic Solar	3.055	3.26
St. Charles	MO	63303	Photovoltaic Solar	8.28	9.32
Wildwood	MO	63005	Photovoltaic Solar	5.17	2.36
Jefferson City	MO	65109	Photovoltaic Solar	9.87	7.53
Washington	MO	63090	Photovoltaic Solar	4.6	3.92
Cape Girardeau	MO	63701	Photovoltaic Solar	2.025	2.60
Lawson	MO	64062	Photovoltaic Solar	4.6	3.40
St. Louis	MO	63129	Photovoltaic Solar	8.25	9.66
St. Charles	MO	63303	Photovoltaic Solar	5.4	4.34
St. Louis	MO	63131	Photovoltaic Solar	5.76	1.62
Imperial	MO	63052	Photovoltaic Solar	9.2	9.47
Cedar Hill	MO	63016	Photovoltaic Solar	2.856	1.71
Des Peres	MO	63131	Photovoltaic Solar	9.2	8.20
St. Louis	MO	63043	Photovoltaic Solar	3.57	4.50
Union	MO	63084	Photovoltaic Solar	9.66	5.75
Webster Groves	MO	63119	Photovoltaic Solar	3.6	4.60
Holts Summit	MO	65043	Photovoltaic Solar	9.87	5.96
Jefferson City	MO	65109	Photovoltaic Solar	9.87	7.53
Clayton	MO	63105	Photovoltaic Solar	4.14	5.20
St. Louis	MO	63109	Photovoltaic Solar	5.85	2.33
Dexter	MO	63841	Photovoltaic Solar	3.29	1.58



**Exhibit 1  
Customer Systems <10 kW**

Maplewood	MO	63143	Photovoltaic Solar	2.115	2.70
Warrenton	MO	63383	Photovoltaic Solar	9.89	4.69
Excelsior Springs	MO	64024	Photovoltaic Solar	5.16	5.31
St. Louis	MO	63129	Photovoltaic Solar	3.76	2.92
Chesterfield	MO	63017	Photovoltaic Solar	8.7	11.00
Ashland	MO	65010	Photovoltaic Solar	3.36	4.30
Ashland	MO	65010	Photovoltaic Solar	5.4	3.19
Clayton	MO	63105	Photovoltaic Solar	4.14	5.20
Sunrise Beach	MO	65079	Photovoltaic Solar	6.21	7.90
St. Louis	MO	63110	Photovoltaic Solar	5.712	6.02
Imperial	MO	63052	Photovoltaic Solar	2	2.50
Union	MO	63084	Photovoltaic Solar	0.455	0.39
Creve C oeur	MO	63141	Photovoltaic Solar	9.996	4.69
Hillsboro	MO	63050	Photovoltaic Solar	5.06	2.93
St. Louis	MO	63126	Photovoltaic Solar	4.14	2.38
Lake Ozarks	MO	65049	Photovoltaic Solar	1.4	1.80
St. Louis	MO	63122	Photovoltaic Solar	4.5	3.70
Fenton	MO	63026	Photovoltaic Solar	6.21	7.90
Creve C ouer	MO	63141	Photovoltaic Solar	2.73	3.50
St. Louis	MO	63104	Photovoltaic Solar	1.84	2.30
Lake Ozark	MO	65049	Photovoltaic Solar	5.52	4.37
Town & Country	MO	63017	Photovoltaic Solar	3.6	1.29
Eureka	MO	63025	Photovoltaic Solar	4.032	4.54
Jefferson City	MO	65101	Photovoltaic Solar	9.66	9.49
St. Louis	MO	63141	Photovoltaic Solar	6.72	3.20
St. Louis	MO	63128	Photovoltaic Solar	4.95	6.30
Union	MO	63084	Photovoltaic Solar	5.76	3.44
Clarksville	MO	63336	Photovoltaic Solar	7.8	7.84
St. Louis	MO	63128	Photovoltaic Solar	9.84	1.61
Kirkwood	MO	63122	Photovoltaic Solar	9.2	9.50
Olivette	MO	63132	Photovoltaic Solar	4.68	5.90
St. Louis	MO	63146	Photovoltaic Solar	5.06	2.81
Jefferson City	MO	63101	Photovoltaic Solar	3.96	5.00
Jefferson City	MO	65101	Photovoltaic Solar	5.17	2.94
St. Louis	MO	63137	Photovoltaic Solar	9.6	11.27
Richm ond Htgs.	MO	63117	Photovoltaic Solar	2.4	3.00
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Pacific	MO	63069	Photovoltaic Solar	0.21	0.30
Excelsior Springs	MO	64024	Photovoltaic Solar	1.728	2.20
St. Louis	MO	63111	Photovoltaic Solar	2	2.50
Ballwin	MO	63011	Photovoltaic Solar	2.45	3.10
St. Louis	MO	63102	Photovoltaic Solar	3.5	4.40
Kirkwood	MO	63122	Photovoltaic Solar	0.612	0.80
Hermann	MO	65041	Photovoltaic Solar	1.8	2.30
St. Louis	MO	63138	Photovoltaic Solar	2.45	3.10
Fam in gton	MO	63640	Photovoltaic Solar	2.8	3.50
Wildwood	MO	63011	Photovoltaic Solar	1.8	2.30
St. Louis	MO	63128	Photovoltaic Solar	3.8	4.80
Wildwood	MO	63038	Photovoltaic Solar	4.68	5.90

**Exhibit 1**  
**Customer Systems <10 kW**

De Soto	MO	63020	Photovoltaic Solar	1.8	2.30
Washington	MO	63090	Photovoltaic Solar	1.8	2.30
Hillsboro	MO	63069	Photovoltaic Solar	3.51	4.40
Richmond Heights	MO	63117	Photovoltaic Solar	2.1	2.70
St. Louis	MO	63141	Photovoltaic Solar	4.008	5.10
Farmington	MO	63640	Photovoltaic Solar	1.95	2.50
Ladue	MO	63124	Photovoltaic Solar	4	5.10
Eldon	MO	65026	Photovoltaic Solar	5.06	2.47
Eureka	MO	63025	Photovoltaic Solar	9.87	4.73
St. Louis	MO	63104	Photovoltaic Solar	3.36	1.70
Cape Girardeau	MO	63701	Photovoltaic Solar	1.33	0.19
				801.065	679.7



**Exhibit 1  
Customer Systems >10kW**

City	State	Zip	Year Installed	Name Plate (kW)	
O'Fallon	MO	63366	2011	Photovoltaic Solar	25.2
St. Peters	MO	63376	2011	Photovoltaic Solar	36.036
St. Louis	MO	63116	2011	Photovoltaic Solar	24.94
Versailles	MO	65084	2011	Photovoltaic Solar	13.8
Desoto	MO	63020	2011	Photovoltaic Solar	12.65
Desoto	MO	63020	2011	Photovoltaic Solar	12.65
St. Louis	MO	63111	2010	Photovoltaic Solar	25.8
St. Louis	MO	63110	2010	Photovoltaic Solar	25.8
St. Louis	MO	63147	2011	Photovoltaic Solar	25.53
Jefferson City	MO	65109	2011	Photovoltaic Solar	12.88
St. Louis	MO	63110	2011	Photovoltaic Solar	25
Olivette	MO	63132	2011	Photovoltaic Solar	14.95
St. Louis	MO	63104	2011	Photovoltaic Solar	24.96
St. Louis	MO	63106	2011	Photovoltaic Solar	11.75
St. Louis	MO	63106	2011	Photovoltaic Solar	18.33
St. Louis	MO	63104	2011	Photovoltaic Solar	10.81
St. Louis	MO	63104	2010	Photovoltaic Solar	11.28
St. Louis	MO	63106	2011	Photovoltaic Solar	14.1
St. Louis	MO	63106	2011	Photovoltaic Solar	58.515
St. Louis	MO	63106	2011	Photovoltaic Solar	18.095
St. Louis	MO	63104	2011	Photovoltaic Solar	12.925
St. Louis	MO	63104	2011	Photovoltaic Solar	20.68
St. Louis	MO	63106	2011	Photovoltaic Solar	35.25
St. Louis	MO	63106	2011	Photovoltaic Solar	22.09
St. Louis	MO	63106	2011	Photovoltaic Solar	17.39
St. Louis	MO	63106	2011	Photovoltaic Solar	96
St. Louis	MO	63110	2010	Photovoltaic Solar	99.8
St. Louis	MO	65072	2011	Photovoltaic Solar	10.81
Desoto	MO	63020	2010	Photovoltaic Solar	10.34
Fenton	MO	63026	2011	Photovoltaic Solar	10.8
Fredericktown	MO	63645	2010	Photovoltaic Solar	13
St. Louis	MO	63141	2011	Photovoltaic Solar	10.58
Pacific	MO	63069	2010	Photovoltaic Solar	40
Farmington	MO	63640	2011	Photovoltaic Solar	13.44
St. Louis	MO	63110	2011	Photovoltaic Solar	25.2
Total					861.381

S-RECs associated with this generation are metered and not paid for until March of the year following generation. The generation from these installations totaled 380 MWhs for the CY 2011 and were paid in February and March, 2012. These S-RECs are entitled to the 1.25 in state factor.

**Exhibit 1**  
**Ameren Missouri**  
**Headquarters Solar Generation Facility**  
**100 kW**  
**Generation CY 2011**

<b>Meter Reading (kWhs)</b>	<b>Meter Number</b>						<b>Total kwhs</b>
	<b><u>2812523</u></b>	<b><u>2832563</u></b>	<b><u>2849551</u></b>	<b><u>3454295</u></b>	<b><u>10263066</u></b>	<b><u>11348158</u></b>	
Jan			142.30	278.17		4036.75	4457.22
Feb			165.20	191.82		5582.12	5939.14
Mar			172.22	322.75		7881.64	8376.61
Apr			172.87	392.4		11593.86	12159.13
May			211.06	400.93		12498.36	13110.35
Jun			285.06	435.00		13299.03	14019.09
Jul			242.70	465.32		13691.73	14399.75
Aug			239.84	476.41		12365.76	13082.01
Sep			193.69	385.42		8638.31	9217.42
Oct			195.93	443.72		7915.34	8554.99
Nov	2077.43	117.73	60.56	135.52	51.45	2504.33	4947.02
Dec	3995.02	270.53	0.00	0.00	118.48	0.00	4384.03
<b>Total</b>	<b>6072.45</b>	<b>388.26</b>	<b>2081.43</b>	<b>3927.46</b>	<b>169.93</b>	<b>100007.23</b>	<b>112646.8</b>

These 113 S-RECs are entitled to the 1.25 in-state factor.

## Exhibit 2 Pioneer Prairie Resource Affidavit

### AFFIDAVIT

I, Steve Irvin, Executive Vice President, Central Region, as the authorized representative of Pioneer Prairie Wind Farm I LLC, a Delaware limited liability company ("Seller") declare that Seller hereby sells, transfers and delivers to Union Electric Company d/b/a AmerenUE ("Buyer") the Product (including, unless otherwise specified, all Environmental Attributes and Product Reporting Rights) associated with the generation and delivery of energy from the Renewable Energy Facility as described below, in the amount of one REC for each megawatt hour generated as Delivery of Product, as said term is defined in the Power Purchase Agreement between Buyer and Seller dated June 10, 2009 (initially capitalized terms used and not otherwise defined herein are defined in the Power Purchase Agreement), and that the RECs sold hereunder:

- 1) were generated by the following Renewable Energy Facilities and sold, subject to receipt of payment, to Buyer;
- 2) are solely and exclusively owned by Seller;
- 3) have not been used by Seller or any third party to meet the RPS or other Applicable Program requirements in another state or jurisdiction;
- 4) were generated in Missouri or an Adjacent State and complied with applicable energy delivery rules;
- 5) were not sold to any end-use customer or other wholesale provider other than Buyer during the calendar/Reporting Year;
- 6) were not used on-site for generation;
- 7) no Environmental Attributes (including, without limitation, any verified emission reductions) associated with the RECs sold hereunder have been sold or otherwise made available to a third party; and

Generator Name	Technology Type	Fuel Type	Generator Location	# MWh RECs Sold	Generation Period
Pioneer Prairie Wind Farm I LLC	Wind	Wind	IA	88,023	2009
Pioneer Prairie Wind Farm I LLC	Wind	Wind	IA	294,696	2010
Pioneer Prairie Wind Farm I LLC	Wind	Wind	IA	288,483	2011

Pioneer Prairie Wind Farm I LLC is located in Mitchell County, Iowa. The facility's nameplate capacity is 300.3 MW, of which 102.3 MW is sold to Buyer. The Power Purchase Agreement between Buyer and Seller began on September 1, 2009.

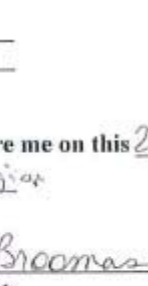
This affidavit supersedes and replaces the affidavit signed on March 15, 2012 that erroneously identified EDP Renewables North America LLC as Seller.

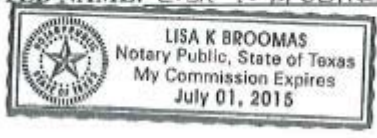
As an authorized agent of Seller, I state that the above statements are true and correct to the best of my knowledge.

Signature  Date 3/23/2012  
Steve Irvin  
Executive Vice President, Central Region

STATE OF: Texas  
COUNTY OF: Harris

This instrument was acknowledged before me on this 23<sup>rd</sup> day of March, 2012, by Steve Irvin, Exec VP, Central Region

SIGNATURE of Notary:   
PRINTED NAME: Lisa K Broomas



(NOTARY SEAL)

*Not by RN*

Exhibit 3  
Pioneer Prairie REC Meter Readings and Payments

**THIS PAGE IS  
CONFIDENTIAL  
IN ITS ENTIRETY**

EXHIBIT 4

UNION ELECTRIC COMPANY ELECTRIC SERVICE

M.O.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 122.14

CANCELLING M.O.P.S.C. SCHEDULE NO. SHEET NO.

APPLYING TO MISSOURI SERVICE AREA

Rider SR - Solar Rebate

Purpose

The purpose of the Solar Rebate Rider is to implement the solar rebate established through §393.1030 RSMo and to establish the terms, conditions and procedures which Company will rely on in accepting rebate applications and authorizing rebate checks to eligible participants.

Availability

All retail customers of Company are eligible for the rebate with the following limitations and conditions:

- The retail customer must be an active account on the Company's utility system and in good payment standing.
The solar electric system must be permanently installed on the retail customer's premise.
The retail customer must declare the installed solar electric system will remain in place on the account holder's premise for the duration of its useful life which shall be deemed to be a minimum of ten (10) years.
The solar modules and inverters shall be new equipment and include a manufacturers warranty of ten (10) years.
The maximum rebate for each premise is \$50,000 irrespective of the number of meters/service points serving the premise.
The solar electric system or expansion of an existing solar electric system must not become operational until after December 31, 2009. Company will not accept any applications for rebates until January 1, 2010.
The solar electric system shall meet all requirements of 4 CSR 240-20.065 and Company's "Electric Power Purchases from Qualified Net Metering Units" tariff.

Rebate Application

Company will not accept rebate applications which are incomplete or which are not accompanied by or preceded by an "Interconnection Application/Agreement for Net Metering Systems with a capacity of 100 kW or less". Both the Rebate Application and the Net Metering Application/Agreement can be obtained from Company's web site www.ameren.com.

Customer will be notified in writing, by letter or email, that the rebate application 1) has been accepted or 2) notified of the deficiency resulting in the rebate application not being accepted. Applications accepted by Company will expire after twelve (12) months if the customer has not satisfied the terms of Company's "Electric Power Purchases from Qualified Net Metering Units" tariff or if the solar electric system has not become operational.

Rebate Payment

The amount of the rebate will be \$2.00 multiplied by the combined DC rating of the solar module(s) in Watts from the manufacturer's specification sheet(s).

DATE OF ISSUE December 4, 2009 DATE EFFECTIVE January 3, 2010

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

**Exhibit 4**

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

M.O.P.S.C. SCHEDULE NO. 5

Original

SHEET NO. 122.15

CANCELLING M.O.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO

**MISSOURI SERVICE AREA**

**Rider SR - Solar Rebate (cont.)**

A rebate payment will not be issued until:

- 1) an Interconnection Application/Agreement for Net Metering Systems with Capacity of 100 kW or Less has been executed by the customer and Company,
- 2) a complete Missouri Solar Electric Rebate Application has been accepted by Company and
- 3) the solar electric system is operational.

Suspension of Rebate Payment

In certain circumstances, Company may be limited in the total amount of rebates that can be issued in a given year in order to comply with the provision of §393.1030 RSMo which limits the retail rate impact resulting from the statute. In the event that Rebate Payments are suspended in a particular year, Company will notify each affected rebate applicant. The accepted but suspended Rebate Applications will be processed in chronological order based on the date the solar electric system became operational.

Solar Renewable Energy Credits (SREC's)

Customer retains ownership of all SREC's created by the operation of the solar electric system.

DATE OF ISSUE December 4, 2009 DATE EFFECTIVE January 3, 2010  
ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS



# Exhibit 5

## UNION ELECTRIC COMPANY ELECTRIC SERVICE

M.O.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 122.16

CANCELLING M.O.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA

### RIDER SP - SREC Purchase

#### Purpose

The purpose of this tariff is to provide a mechanism for eligible Customers to sell and Company to purchase the Renewable Energy Credits associated with energy generated by solar electric systems operating under Company's Schedule 1 - Electric Power Purchases from Qualified Net Metering Units.

#### Availability

This tariff is available to any retail electric Customer operating a solar electric system in compliance with Company's approved net metering tariff.

Availability of service under this rider shall be limited by the cumulative total of the actual payment commitments and estimated payment commitments entered into by Company of up to \$2,000,000 with at least \$700,000 (35%) being reserved specifically for commitments under the Lump Sum Offer as described below.

#### Term

This tariff shall be effective through December 31, 2011, and will terminate thereafter unless modified or extended. In the event that this tariff expires, all commitments made by Company prior to the expiration will be honored for their full term.

#### Definitions

1. REC - Renewable Energy Credit, or Renewable Energy Certificate means a tradable certificate, that is either certified by an entity approved as an acceptable authority by the commission or as validated through the commission's approved REC tracking system or a generator's attestation and further defined in 4 CSR 240-20.100 Electric Utility Renewable Energy Standard Requirements.
2. SREC - Solar Renewable Energy Credit - A REC produced by a solar electric resource.
3. Retail Account Holder - The customer of record taking service from Company under any of Company's retail electric tariffs.
4. Customer-Generator - the owner, lessee, or operator of an electric energy generation unit that meets all of the following criteria:
  - Is powered by a renewable energy resource.
  - Is located on premises that are owned, operated, leased or otherwise controlled by the party as Retail Account Holder and which corresponds to the service address for the retail account.
  - Has received approval from Company to interconnect with and operate in parallel phase and synchronization with Company's electric distribution system.
  - Meets all applicable safety, performance, interconnection, and reliability standards endorsed by the net metering rule, 4 CSR 240-20.065(1)(C)6 and 4 CSR 240-20.065(1)(C)7.

DATE OF ISSUE November 1, 2010 DATE EFFECTIVE January 1, 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS



Exhibit 5

UNION ELECTRIC COMPANY ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 122.17

CANCELLING MO.P.S.C. SCHEDULE NO. SHEET NO.

APPLYING TO MISSOURI SERVICE AREA

RIDER SP - SREC Purchase (Cont.)

- 5. PVWatts - A program available from the U.S. Department of Energy that estimates the kWh production of a solar electric system based on specific system parameters.
6. Incremental System Capacity - Any additional capacity installed by Customer subsequent to having accepted a payment commitment from Company under either the Lump Sum Offer or the Annual Payment Offer as described below.

Standard Offers

Company will purchase SRECs produced and owned by a Customer-Generator under either the Lump Sum Offer or the Annual Payment Offer listed below based on the DC nameplate capacity of the Customer-Generator's system. Only SRECs produced after the effective date of this tariff are eligible for either Standard Offer. Payments will only be made to the Retail Account Holder.

Lump Sum Offer applies to systems whose installed DC nameplate capacity is less than 10 kW:

- Company will offer to purchase 100% of the SRECs produced during the first 120 calendar months (10 years) following the execution of the agreement or the operational date of the Customer-Generator whichever occurs later.
• The numbers of SRECs produced annually will be determined using PVWatts software with the result rounded to the tenths digit.
• Company will pay \$100.00 per SREC purchased.
• Company will make a single payment up-front for all SRECs purchased over the term of the agreement according to the following formula: Up-Front Payment = Annual SRECs produced x 10 years x SREC price.

Annual Payment Offer applies to systems whose installed DC nameplate capacity is 10 kW or larger but not greater than 100 kW:

- Company will offer to purchase 100% of the SRECs produced during the first 60 calendar months (5 years) following the execution of the agreement or the operational date of the Customer-Generator whichever occurs later.
• Customer-Generator must make provisions for Company to meter all energy produced by the system. The numbers of SRECs produced annually will be determined by those meter readings with total SRECs available for purchase being kWh energy divided by 1,000 with the result rounded to the tenths digit.
• Company will pay \$100.00 per SREC purchased.

DATE OF ISSUE November 1, 2010 DATE EFFECTIVE January 1, 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

Exhibit 5

UNION ELECTRIC COMPANY ELECTRIC SERVICE

M.O.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 122.18

CANCELLING M.O.P.S.C. SCHEDULE NO. SHEET NO.

APPLYING TO MISSOURI SERVICE AREA

RIDER SP - SREC Purchase (Cont.)

- Company will make payments annually no later than March 31 based upon actual SRECs produced as measured by meter readings ending approximately December 31 of the immediately preceding year. This will result in six (6) payments over the five (5) year term for most agreements with the first and last payment being for less than a full twelve (12) month period according to the following formula: Annual Payment - SRECs produced in previous calendar year x SREC price.

Incremental System Capacity

When a Customer adds Incremental System Capacity, Company will make an offer to purchase the SRECs associated with only the Incremental System Capacity.

- If the total capacity of the system remains eligible for the Lump Sum Offer, then Company will provide a Lump Sum Offer for the Incremental System Capacity.
If the Incremental System Capacity results in a total capacity that exceeds the capacity limit of the Lump Sum Offer, then the Annual Payment Offer will apply to the Incremental System Capacity. The number of SRECs purchased under the Annual Payment Offer will be the total number of SRECs produced by the system less any SRECs already purchased under the Lump Sum Offer during the same period.

Ownership Change

If the Retail Account Holder associated with a Customer-Generator facility that has received payment under the Lump Sum Offer changes during the term of an agreement, the new Retail Account Holder will not be eligible for a contract until such time as the term of the existing Lump Sum Offer has expired.

If the Retail Account Holder associated with a Customer-Generator facility that has entered into an agreement under the Annual Payment Offer changes during the term of the agreement, the original Retail Account Holder will receive payment for all SRECs produced prior to the change and waives all rights to payment for SRECs produced after the change. Payments associated with SRECs produced subsequent to the change in the Retail Account Holder will be made to the new Retail Account Holder.

DATE OF ISSUE November 1, 2010 DATE EFFECTIVE January 1, 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

## Exhibit 5

### UNION ELECTRIC COMPANY ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 122.19

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA

#### RIDER SP - SREC Purchase (Cont.)

##### Contract/Offer

Company will only accept a request for a standard offer contract if the Customer-Generator has submitted and Company has accepted a completed application for net metering service.

Company will provide a commitment to Customer for either the Lump Sum Offer or the Annual Payment Offer provided that Company's cumulative total of the actual payment commitments and estimated payment commitments have not exceeded the amount(s) indicated under "Availability".

For a Customer-Generator that is not yet operational (new systems), Company's commitment will be presented to Customer upon acceptance by Company of Customer-Generator's design. For a Customer-Generator that is already operating under Company's Schedule 1 - Electric Power Purchases from Qualified Net Metering Units, Company's commitment will be presented to Customer within ninety (90) days of the effective date of this tariff.

Company's commitment will expire after six (6) months if any of the following conditions have not been met: 1) the Customer-Generator has not become operational or 2) the Customer has not executed and returned the agreement or 3) Customer-Generator has not satisfied the metering requirements of the Annual Payment Offer.

Company will enter into an agreement and initiate the Lump Sum Offer or the Annual Payment Offer only after the Customer-Generator has become operational.

In the event that Company ceases entering into new agreements as a result of meeting the cumulative total payment commitment referenced above and subsequently authorizes additional expenditures, Customer-Generators that became operational but did not receive an offer will be given the opportunity to participate under this tariff in the order that they became operational.

Inquiries related to this tariff, net metering service and Rider SR - Solar Rebate should be made to:

One Ameren Plaza  
1901 Chouteau Avenue  
P.O. Box 66149, MC 611  
St. Louis MO 63103  
Att: General Executive, Renewables

##### General Rules & Regulations

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to the supply of service under this rider.

DATE OF ISSUE November 1, 2010 DATE EFFECTIVE January 1, 2011  
ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

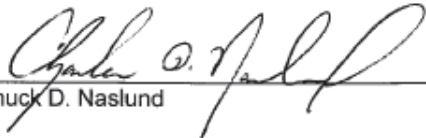
Exhibit 6

AFFIDAVIT OF COMPLIANCE WITH 2011 COMPLIANCE PLAN

COMES NOW Chuck D. Naslund, affiant, being of legal age, and upon being first duly sworn on his oath, states:

1. I am Senior Vice President, Generation & Environmental Projects, for Union Electric Company d/b/a Ameren Missouri. My business address is One Ameren Plaza, 1901 Chouteau Avenue, St. Louis, Missouri 63103.
2. As Senior Vice President, Generation & Environmental Projects, I am responsible for ensuring Ameren Missouri's compliance with the Renewable Energy Standard (RES).
3. I certify that Ameren Missouri is in compliance with the RES compliance plan filed in April of 2011 for the calendar year 2011.
4. I hereby swear and affirm that the information contained in this Affidavit is true and correct.

Further, affiant sayeth not.

  
\_\_\_\_\_  
Chuck D. Naslund

Subscribed and sworn to before me this 10<sup>th</sup> day of April, 2012.

  
\_\_\_\_\_  
Notary Public

My commission expires:

