

May 10, 2016

Missouri Public Service Commission

Re: 2015 Annual Renewable Energy Standard Compliance Report: Non-proprietary Information

This version of the Annual Compliance Report is a fully completed version. Portions of this report contain confidential information which has been removed.

EMPIRE DISTRICT ELECTRIC COMPANY

2015

ANNUAL RENEWABLE ENERGY STANDARD COMPLIANCE REPORT

Prepared in Compliance with 4 CSR 240-20.100

April 15, 2016

Revised May 10, 2016



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2015 ANNUAL RENEWABLE ENERGY STANDARD COMPLIANCE REPORT

INTRODUCTION

Pursuant to the Missouri Public Service Commission's (Commission) renewable energy standards rule, 4 CSR 240-20.100(8), The Empire District Electric Company (EDE or Empire), a Kansas corporation, is filing the Annual Renewable Energy Standard (RES) Compliance Report. The rule became effective in September 2010, and pursuant to the rule EDE must file the 2015 RES Compliance Report on or before April 15, 2016.

EDE began to develop its wind renewable energy portfolio on December 10, 2004, when it entered into a 20-year contract with Elk River Windfarm, LLC (owned by Avangrid Renewables) to purchase all of the energy generated at the 150-megawatt Elk River Windfarm located in Butler County, Kansas.

On June 19, 2007, EDE enhanced its renewable energy portfolio when it entered into a 20-year purchased power agreement with Cloud County Windfarm, LLC. EDP Renewables North America LLC is an indirect parent company of Cloud County Windfarm, LLC. Pursuant to the terms of the agreement, EDE purchases all of the output from the 105-megawatt Phase 1 Meridian Way Windfarm located in Cloud County, Kansas.

In addition, the Ozark Beach Hydroelectric Project, owned by EDE has produced renewable hydropower for many years. The RES rules allow for the banking of Renewable Energy Credits (REC) for up to a three year time period. This has allowed the use of eligible Ozark Beach RECs generated in 2014 and 2015 in meeting the 2015 RES requirements.

Effective May 16, 2015, Empire began offering rebates for Missouri customers for qualifying solar installations in accordance with the Missouri RES and Empire's Solar Rebate Rider approved by the Commission.

The following sections provide information required to indicate compliance with the rule:

SECTION (8) (A) 1 A, B: TOTAL MISSOURI RETAIL ELECTRIC SALES AND REVENUE

The following table represents the number of megawatt-hours (MWh) of electricity delivered in 2015 by EDE to its Missouri retail customers, as reflected in the monthly billing statements. In addition, a column is provided capturing the revenue from total retail electric sales to Missouri customers:

Table 1: Missouri 2015 Total Retail Sales

*Missouri Retail Sales	Year	MWh	Revenue
	2015	4,059,623	\$450,474,700

*Data Source: Customers Kilowatt Hours Revenue Report

SECTION (8) (A) 1 C: TOTAL RETAIL ELECTRIC SALES SUPPLIED BY RENEWABLE ENERGY RESOURCES

In compliance with Section 393.1030, RSMo, EDE retired sufficient RECs to provide the equivalent of 5% of its retail electric sales for 2015. With 4,059,623 MWh total retail electric sales for 2015, 89,873 RECs were retired from EDE's Ozark Beach Hydroelectric Project (Ozark Beach), a certified renewable energy facility. Ozark Beach consists of 4 generators with individual nameplate ratings of 4MW each. The facility received Missouri Department of Natural Resources Certification of Renewable Energy Generation Facility status on September 11, 2011. Using the provision included in 4 CSR 240-20.100 (3) (G), the additional credit allowance of 0.25 per REC was claimed because the renewable energy resource is physically located in the state of Missouri.

In addition, 86,581 2015 RECs were retired from our Elk River Windfarm, received through our ongoing purchased power agreement. Elk River also received Missouri Department of Natural Resources Certification of Renewable Energy Generation Facility status in 2011.

Finally, a combination of 810 Solar RECs (SRECs) from customer-generated sources and a spot purchase of █████ SRECS were used to meet the 2% solar compliance requirement. EDE received certification for the aggregate customer solar renewable energy generation facilities from the Department of Economic Development in 2016. Certification was also received for the Stanton Solar Farm, the source of the wholesale SRECs.

All RECs retired to meet the 5% compliance requirement are shown in the table below.

Table 2: REC Retirement for Compliance with 2015 Missouri RES

Missouri Retail Sales	Non-Solar RES Requirement	¹ Non-Solar RECs Retired	Solar RES Requirement	² Solar RECs Retired	Total RECs Retired
4,059,623	198,922		4,060		
	Ozark Beach	89,873 (1.25 Mo Source)	EDE Solar Aggregate 1, 2, 3	810 (1.25 Mo Source)	
	Elk River	86,581	Wholesale Purchase	3,048	
Total		198,922		4,060	202,982

¹Vintage 2014 and 2015 RECs from Ozark Beach (Missouri source) and Vintage 2015 RECs from Elk River were retired for compliance with the Missouri RES.

² 2015 Vintage SRECs were retired from EDE Solar Aggregates (Missouri source), and 2015 vintage SRECs were retired from the wholesale purchase.

SECTION (8) (A) 1 D: CURRENT NUMBER AND VALUE OF RECS CREATED BY EDE OWNED FACILITY.

In 2015, EDE-owned Ozark Beach generated 41,996 MWh. Using the provision of the Missouri RES allowing for additional credit of 0.25, the resultant RECs created for 2015 energy totaled 52,495 RECs (41,996 x 1.25). The RECs generated from the EDE-owned source are utilized first to meet compliance as additional costs are not incurred to the rate payer in order to acquire RECs. The RECs generated from Ozark Beach have little value as they typically cannot

be used to meet Renewable Portfolio Standards (RPS) in other states. EDE plans to bank the RECs remaining after 2015 compliance for future RES compliance.

The value of the energy generated by Ozark Beach for calendar year 2015 was [REDACTED]/MWh as determined by the locational marginal pricing through the Southwest Power Pool (SPP). The value of the customer generated solar energy was [REDACTED]/SREC.

SECTION (8) (A) 1 E, F: SOURCE AND NUMBER OF RECS ACQUIRED, SOLD, TRANSFERRED, RETIRED

EDE receives renewable energy from five sources: ownership of Ozark Beach; two purchased power agreements (one with the Elk River Windfarm and the other with the Meridian Way Windfarm); customer-generated solar, and solar purchased from the open market. (See ATTACHMENT 1)

Pursuant to the terms of the two 20-year windfarm agreements, EDE will purchase all of the output from the 150-megawatt Elk River Windfarm, and 105-megawatts from the Meridian Way Windfarm. EDE anticipates annual generation of approximately 550,000 MWhs from Elk River and approximately 330,000 MWhs from Meridian Way.

During 2015, 88,263 vintage 2014 and 2015 RECs from hydroelectric generation at Ozark Beach were retired to fulfill the non-solar Missouri compliance obligation. In addition, 86,581 vintage 2015 RECs from generation at the Elk River Windfarm were retired for the non-solar RES obligation for 2015. In March of 2016, 1,610 additional 2015 RECs from hydroelectric generation at Ozark Beach were retired.

To meet the solar obligation, [REDACTED] SRECs vintage 2015 purchased from a third party broker (3Degrees Group, Inc.) and 810 SRECs generated from EDE customers in 2015 were obtained. In total, 4,060 SRECs were retired in March of 2016 to fulfill the solar Missouri compliance obligation. Any remaining SRECs will be banked for future use. RECs from Ozark Beach and SRECs from customer installed net metered systems are entitled to the 1.25 factor as they represent Missouri based generation.

EDE utilizes the North American Renewable Registry (NARR) as recommended by Staff and approved by the Commission for tracking all RECs. In total, 198,922 RECs and 4,060 SRECs were retired to fulfill the 2015 compliance obligation. (See ATTACHMENT 2)

SECTION (8) (A) 1 G: IDENTIFICATION OF RECS CARRIED FORWARD

As indicated earlier, RECs generated by Ozark Beach, Elk River Windfarm, EDE Solar Aggregates 1, 2, and 3 and purchased SRECs are registered with the NARR. ATTACHMENT 3 included with this report indicates by source and serial number RECs registered with the NARR that have been carried forward for future use. For 2015 compliance, 2014 and 2015 Ozark Beach vintage RECs totaling 89,873 were retired for compliance using the 3-year banking provision. 10,140 Ozark Beach RECs from 2015 were carried forward into 2016. For the 2015 compliance year 86,581 Elk River RECs vintage 2015 were retired for compliance. Carried forward are additional 2015 Elk River RECs totaling [REDACTED]. In 2015, EDE sold the majority of the 2014 and 2015 RECs associated with Elk River that were not used for compliance with the Missouri RES. A portion of the Elk River RECs were retired for compliance with the Kansas RES. Solar SRECS totaling [REDACTED] were carried forward from 2015 for use in future compliance.

In addition to the RECs registered with the NARR EDE receives additional RECs from the Meridian Way Windfarm. These RECs are not being used for Missouri compliance; therefore they are not included in this reporting section. EDE does not anticipate utilizing RECs from the Meridian Way Windfarm for compliance throughout the entirety of the RES compliance period specified in Section 393.1030, RSMo.

SECTION (8) (A) 1 H: GAINS AND LOSSES FROM SALE OR PURCHASE

EDE utilized wind RECs from the Elk River Windfarm purchased power agreement in order to comply with the Missouri non-solar RES. SRECs were purchased in order to comply with the solar portion of the Missouri RES.

ATTACHMENTS 4 and 5 include a REC report indicating sales of RECs, and the amount of wind generation allocated for Missouri retail customers by each wind farm. Any gains from sale or purchase were returned to the customers through the fuel adjustment.

SRECs were acquired from a wholesale provider and registered in the NARR. EDE purchased [REDACTED] SRECs to meet the RES requirement. (See ATTACHMENT 6)

SECTION (8) (A) 1 I: ACQUISITION OF RENEWABLE ENERGY

Non-Solar renewable energy is purchased for EDE from the following non-utility owned facilities:

Elk River

Wind (Resource)

Avangrid Renewables (Owner)

14980 SE 190th Rd.

Latham, KS 67072

Meridian Way I

Wind (Resource)

EDP Renewables North America LLC (Owner)

1409 Iron Road

Concordia, KS 66901

Solar renewable energy was purchased for EDE from the following wholesale provider and non-utility owned facility:

3Degrees Group, Inc. (Wholesale)

407 Sansome

San Francisco, CA 94111

Stanton Solar Farm (Generator)

Regenesis Solar Power, LLC

2295 Commerce Point Drive

Suite 100 Lakeland, FL 33801-6963

All energy was derived from eligible renewable energy technology (wind, hydro and solar). ATTACHMENT 7 includes information to certify that the renewable energy attributes of the energy from Elk River Windfarm, Meridian Way Windfarm, and the Stanton Solar Farm have not been used to meet the requirements of any other local or state mandate.

SECTION (8) (A) 1 J: ACQUISITION OF ELECTRICAL ENERGY AND/OR RECS FROM CUSTOMER GENERATORS

ATTACHMENT 8 shows the system operational dates and estimated amounts of SRECs generated from customer generators using the Commission–approved estimation method, PVWatts. The 2015 SRECS were acquired by EDE as a condition of receiving the solar rebate instituted in May and extending through December of 2015.

SECTION (8) (A) 1 K: CUSTOMERS RECEIVING SOLAR REBATE

The total number of customers that applied and received a solar rebate by December 31, 2015 in accordance with section (4) of the Rule:

Table 4: Customers Receiving Solar Rebate

	EDE
RECEIVED A SOLAR REBATE PRIOR TO 12/31/2015	234

SECTION (8) (A) 1 L: CUSTOMERS DENIED SOLAR REBATE

There were no customers that were denied a solar rebate

SECTION (8) (A) 1 M: FUNDS EXPENDED BY EDE FOR SOLAR REBATES

Table 5: Funds Expended by EDE for Solar Rebates

	EDE
SOLAR REBATES PAID PRIOR TO 12/31/2015	\$3,098,478

SECTION (8) (A) 1 N: ANNUAL COMPLIANCE WITH RES COMPLIANCE PLAN

See Affidavit of Compliance with 2015 Compliance Plan, ATTACHMENT 9.

SECTION (8) (A) 1 O: NON-COMPLIANCE WITH RES COMPLIANCE PLAN

EDE has made every effort to comply and believes it has achieved compliance the Missouri RES Compliance Plan for the 2015 compliance period.

SECTION (8) (A) 1 P: CALCULATION OF ACTUAL CALENDAR YEAR RETAIL RATE IMPACT

See ATTACHMENT 10. The calculations in ATTACHMENT 10 are based on total company not Missouri jurisdictional.

EMPIRE

2015 RES REPORT

ATTACHMENT 1

RECS ACQUIRED

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: February 3, 2014
Due Date: February 23, 2014

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0LRZ2
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance December-14	Delivered Generation:	[REDACTED]
Prepay Surplus/Deficiency		[REDACTED]
Current Month Prepayment	Prepay	[REDACTED]
Plus: Prepay Surplus or Deficiency		[REDACTED]
	Total	[REDACTED]
Grand Total Paid		\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL

ABA No. [REDACTED]

ACH ABA No. [REDACTED]

For Account of Aeolus Wind Power [REDACTED]

Account No. [REDACTED]

253 - 165500

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC:	\$ [REDACTED]
--	---------------

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

SCHED 2-23-15
DL

NP

RECVD
3-10-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: March 2, 2015
Due Date: March 23, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0LUL4
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance		
February-15	Delivered Generation:	██████████
Prepay Surplus/Deficiency		██████████
Current Month Prepayment	Prepay	██████████
Plus: Prepay Surplus or Deficiency		██████████
	Total	██████████
Grand Total Paid		\$ ██████████

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL

253 - 165500

ABA No. ██████████

ACH ABA No. ██████████

For Account of Aeolus Wind Power II LLC.

Account No. ██████████

Iberdrola Contact: christopher.evidente@iberdrolaren.com

Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC:	\$ ██████████
--	---------------

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

SCHED 3-23-15
DL

NP

RECVD
4-15-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

REVISED INVOICE

Invoice Date: April 6, 2015
Due Date: April 27, 2015 **MT**

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0LXC8
Customer #: 900166

Description	
Pre-payment and monthly billing for energy and renewable energy credits.	
Prior Month Prepayment Balance March-15	Delivered Generation: [REDACTED]
Prepay Surplus/Deficiency	[REDACTED]
Current Month Prepayment	Prepay [REDACTED]
Plus: Prepay Surplus or Deficiency	Total [REDACTED]
Grand Total Paid	\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aeolus Wind Power II LLC.
Account No. [REDACTED]

253 - 165500

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

NE

RECVD
5-13-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

REVISED INVOICE

Invoice Date: May 4, 2015
Due Date: May 25, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0M061
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance		
March-15	Delivered Generation:	[REDACTED]
Prepay Surplus/Deficiency		[REDACTED]
Current Month Prepayment	Prepay	[REDACTED]
Plus: Prepay Surplus or Deficiency	Total	[REDACTED]

Grand Total Paid \$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

253 - 165500

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aeolus Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

SCHED 5-26-15
DL

NP

recvd
6-11-15
acctg

Elk River Windfarm, LLC

An Oregon Limited Liability Company

REVISED INVOICE

Invoice Date: June 2, 2015
Due Date: June 22, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0M351
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance		
March-15	Delivered Generation:	██████████
Prepay Surplus/Deficiency		██████████
Current Month Prepayment	Prepay	██████████
Plus: Prepay Surplus or Deficiency	Total	██████████
Grand Total Paid		\$ ██████████

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL

ABA No. ██████████

ACH ABA No. ██████████

For Account of Aeolus Wind Power II LLC.

Account No. ██████████

253 - 165500

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC:	\$ ██████████
--	---------------

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

sched 6-22-15
dl

NR

RECVD
7-15-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: July 7, 2015
Due Date: July 27, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0M5S2
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance June-15	Delivered Generation:	[REDACTED]	[REDACTED]
Prepay Surplus/Deficiency			[REDACTED]
Current Month Prepayment	Prepay		[REDACTED]
Plus: Prepay Surplus or Deficiency			[REDACTED]
	Total		[REDACTED]
Grand Total Paid			\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL

253-165500

ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aegius Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

*Rec'd ALTA
7-24-15
JAC*

NP

rcvd
8-11-15
acctg

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: August 4, 2015
Due Date: August 24, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #0M88C
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance July-15	Delivered Generation:	[REDACTED]
Prepay Surplus/Deficiency		[REDACTED]
Current Month Prepayment	Prepay	[REDACTED]
Plus: Prepay Surplus or Deficiency		[REDACTED]
	Total	[REDACTED]

Grand Total Paid \$ [REDACTED]

253 - 165500

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aeolus Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

*Rec'd by MC
8-24-15
JHE*

NP

RECVD
9-14-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: September 2, 2015
Due Date: September 22, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #OMB13
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance August-15	Delivered Generation:	[REDACTED]	[REDACTED]
Prepay Surplus/Deficiency			[REDACTED]
Current Month Prepayment	Prepay		[REDACTED]
Plus: Prepay Surplus or Deficiency			[REDACTED]
	Total		[REDACTED]
Grand Total Paid			\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

253 - 165500

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Acolus Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

*As a bill
9.22.15
DJE*

NP

Elk River Windfarm, LLC

An Oregon Limited Liability Company

RECEIVED

OCT 12 2015

INVOICE

ACCOUNTING

Invoice Date: October 6, 2015
Due Date: October 26, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #24986
Customer #: 900166

Description		
Pre-payment and monthly billing for energy and renewable energy credits.		
Prior Month Prepayment Balance September-15	Delivered Generation: [REDACTED]	[REDACTED]
Prepay Surplus/Deficiency		[REDACTED]
Current Month Prepayment	Prepay	[REDACTED]
Plus: Prepay Surplus or Deficiency	Total	[REDACTED]
Grand Total Paid		\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aeolus Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrola.com
Phone: 503-796-7116

253.165500

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

Rec'd
10-26-15
JKT

NR

RECVD
11-9-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: November 4, 2015
Due Date: November 24, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #26228
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance
September-15
Prepay Surplus/Deficiency

Delivered Generation:

Current Month Prepayment
Plus: Prepay Surplus or Deficiency

Prepay

Total

Grand Total Paid

\$

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

253 - 165500

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aeolus Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC:

\$

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

SCHED 11-24-15
DL

RECVD
12-15-15
ACCTG

Elk River Windfarm, LLC

An Oregon Limited Liability Company

INVOICE

Invoice Date: December 7, 2015
Due Date: December 28, 2015

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #26228
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance November-15	Delivered Generation:	[REDACTED]	[REDACTED]
Prepay Surplus/Deficiency			[REDACTED]
Current Month Prepayment Plus: Prepay Surplus or Deficiency	Prepay		[REDACTED]
	Total		[REDACTED]
Grand Total Paid			\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

253 - 165500

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Acolus Wind Power II LLC.
Account No. [REDACTED]

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

Ma [unclear]
12-23-15
JTC

NP

Elk River Windfarm, LLC

An Oregon Limited Liability Company

RECEIVED

JAN 12 2016

INVOICE

ACCOUNTING

Invoice Date: January 6, 2016
Due Date: January 26, 2016

The Empire District Electric Co.
Attn: Kristy Tackett
602 Joplin Street
PO Box 127
Joplin, MO 64802

Phone: (417) 625-6194
Fax: (417) 625-5173

Invoice #: #28535
Customer #: 900166

Description

Pre-payment and monthly billing for energy and renewable energy credits.

Prior Month Prepayment Balance November-15	Delivered Generation: [REDACTED]	[REDACTED]
Prepay Surplus/Deficiency		[REDACTED]
Current Month Prepayment	Prepay	[REDACTED]
Plus: Prepay Surplus or Deficiency		[REDACTED]
	Total	[REDACTED]
Grand Total Paid		\$ [REDACTED]

Net Terms: Due 20 days after receipt of invoice by wire transfer to:

JP Morgan Chase
Chicago, IL
ABA No. [REDACTED]
ACH ABA No. [REDACTED]
For Account of Aeolus Wind Power II LLC.
Account No. [REDACTED]

253-165500

Iberdrola Contact: christopher.evidente@iberdrolaren.com
Phone: 503-796-7116

Total Amount Due To Elk River Windfarm, LLC: \$ [REDACTED]

Finance charges will be applied to accounts that are not paid in full by the stated due date.
If you do not agree with the due date shown above, please contact Chris Evidente

Chris Evidente
1-26-16
[Signature]

NR

RECVD
2-10-15
ACCTG

INVOICE

Cloud County Wind Farm LLC
808 Travis St Ste 700
Houston, TX 77002
PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
602 S Joplin St
Joplin, MO 64802
Attn: Accounts Payable
Fax: (417) 625-5173
Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO. CCE 0115
TERMS Net 10
INVOICE DATE 2/10/2015
DUE DATE 2/20/2015

253 - 555430

January-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████ MWh. Second Half Contract Price = ██████ MWh.

Please remit payment to:

JP Morgan Chase
Routing No: ██████
Account No: ██████
Account Name: Cloud County
Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

SCHED 2-20-15
DL

NP

INVOICE

SL. 0 1 11/11

Cloud County Wind Farm LLC

808 Travis St Ste 700

Houston, TX 77002

PH: (713) 265-0350 FAX: (713) 265-0365

RECEIVED

MAR 11 '15

The Empire District Electric Company
 602 S Joplin St
 Joplin, MO 64802
 Attn: Accounts Payable
 Fax: (417) 625-5173
 Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 0215
TERMS
Net 10
INVOICE DATE
3/10/2015
DUE DATE
3/20/2015

253 - 555430

February-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	[REDACTED]	[REDACTED]	\$ [REDACTED]
Lost Production			
Availability LDs			
Total Amount Due			\$ [REDACTED]

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price - [REDACTED] /MWh. Second Half Contract Price = [REDACTED] /MWh.

Please remit payment to:

JP Morgan Chase
 Routing No: [REDACTED]
 Account No: [REDACTED]
 Account Name: Cloud County
 Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

Attn Bill
3-20-15
JSC

NP

APR 15 '15

INVOICE

Cloud County Wind Farm LLC

808 Travis St Ste 700
Houston, TX 77002
PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
602 S Joplin St
Joplin, MO 64802
Attn: Accounts Payable
Fax: (417) 625-5173
Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 0315
TERMS
Net 10
INVOICE DATE
4/8/2015
DUE DATE
4/20/2015

MY

March-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	[REDACTED]	[REDACTED]	\$ [REDACTED]
Lost Production			
Availability LDs			
Total Amount Due			\$ [REDACTED]

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.
Facility Completion Date was declared 12/23/2008. First Half Contract Price = [REDACTED] MWh. Second Half Contract Price = [REDACTED] MWh.

Please remit payment to:

JP Morgan Chase
Routing No: [REDACTED]
Account No: [REDACTED]
Account Name: Cloud County
Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

253 - 555430

NP

RECEIVED

MAY 13 '15

INVOICE

Cloud County Wind Farm LLC

808 Travis St Ste 700
Houston, TX 77002
PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
602 S Joplin St
Joplin, MO 64802
Attn: Accounts Payable
Fax: (417) 625-5173
Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.	CCE 0415
TERMS	Net 10
INVOICE DATE	5/8/2015
DUE DATE	5/18/2015

253-555430

April-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	[REDACTED]	[REDACTED]	\$ [REDACTED]
Lost Production			
Availability LDs			
Total Amount Due			\$ [REDACTED]

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.
Facility Completion Date was declared 12/23/2008. First Half Contract Price = [REDACTED]/MWh. Second Half Contract Price = [REDACTED]/MWh.

Please remit payment to:
JP Morgan Chase
Routing No: [REDACTED]
Account No: [REDACTED]
Account Name: Cloud County
Ref: CCE Power Production
For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

Rec'd by
5.18.15
[Signature]

NR

RECEIVED

JUN 11 '15

INVOICE

ACCOUNTING

Cloud County Wind Farm LLC

808 Travis St Ste 700
Houston, TX 77002

PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
 602 S Joplin St
 Joplin, MO 64802
 Attn: Accounts Payable
 Fax: (417) 625-5173
 Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.	CCE 0515
TERMS	Net 10
INVOICE DATE	6/9/2015
DUE DATE	6/19/2015

May-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	[REDACTED]	[REDACTED]	\$ [REDACTED]
Lost Production			
Availability LDs			
Total Amount Due			\$ [REDACTED]

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = [REDACTED] MWh. Second Half Contract Price = [REDACTED] MWh.

Please remit payment to:

JP Morgan Chase
 Routing No: [REDACTED]
 Account No: [REDACTED]
 Account Name: Cloud County
 Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

253 - 555430

Rec'd both
6-19-15
JK

NP

RECEIVED

JUL 15 '15

ACCOUNTING

INVOICE

Cloud County Wind Farm LLC

808 Travis St Ste 700
Houston, TX 77002
PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
602 S Joplin St
Joplin, MO 64802
Attn: Accounts Payable
Fax: (417) 625-5173
Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 0615
TERMS
Net 10
INVOICE DATE
7/6/2015
DUE DATE
7/16/2015

MP

253-555430

June-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████/MWh. Second Half Contract Price = ██████/MWh.

Please remit payment to:

JP Morgan Chase
Routing No: ██████
Account No: ██████
Account Name: Cloud County
Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

NP

RECEIVED

AUG 11 '15

ACCOUNTING

INVOICE

Cloud County Wind Farm LLC

808 Travis St Ste 700

Houston, TX 77002

PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
 602 S Joplin St
 Joplin, MO 64802
 Attn: Accounts Payable
 Fax: (417) 625-5173
 Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 0715
TERMS
Net 10
INVOICE DATE
8/10/2015
DUE DATE
8/20/2015

253-555430

July-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████/MWh. Second Half Contract Price = ██████/MWh.

Please remit payment to:

JP Morgan Chase
 Routing No: ██████
 Account No: ██████
 Account Name: Cloud County
 Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

REC- 8/27/15
8-20-15
JMK

NP

INVOICE

Cloud County Wind Farm LLC
808 Travis St Ste 700
Houston, TX 77002
PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company 602 S Joplin St Joplin, MO 64802 Attn: Accounts Payable Fax: (417) 625-5173 Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 0815
TERMS
Net 10
INVOICE DATE
9/9/2015
DUE DATE
9/21/2015

August-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████/MWh. Second Half Contract Price = ██████/MWh.

Please remit payment to:

JP Morgan Chase Routing No: ██████ Account No: ██████ Account Name: Cloud County Ref: CCE Power Production
<i>For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568</i>

253 - 555430

Approved
 9-21-15
 JH

NP

RECEIVED

OCT 12 2015

INVOICE

ACCOUNTING **Cloud County Wind Farm LLC**

808 Travis St Ste 700

Houston, TX 77002

PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company

602 S Joplin St

Joplin, MO 64802

Attn: Accounts Payable

Fax: (417) 625-5173

Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.

CCE 0915

TERMS

Net 10

INVOICE DATE

10/8/2015

DUE DATE

10/19/2015

253 - 5554/30

September-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████ MWh. Second Half Contract Price = ██████ MWh.

Please remit payment to:

JP Morgan Chase

Routing No: ██████

Account No: ██████

Account Name: Cloud County

Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

Rec'd bank
10-19-15
DJK

NP

RECEIVED

NOV 10 2015

INVOICE

ACCOUNTING **Cloud County Wind Farm LLC**

808 Travis St Ste 700
Houston, TX 77002
PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
602 S Joplin St
Joplin, MO 64802
Attn: Accounts Payable
Fax: (417) 625-5173
Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 1015

TERMS
Net 10

INVOICE DATE
11/9/2015

DUE DATE
11/19/2015

253.555430

October-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	[REDACTED]	[REDACTED]	\$ [REDACTED]
Lost Production			
Availability LDs			
Total Amount Due			\$ [REDACTED]

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = [REDACTED] MWh. Second Half Contract Price = [REDACTED] MWh.

Please remit payment to:

JP Morgan Chase
Routing No: [REDACTED]
Account No: [REDACTED]
Account Name: Cloud County
Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

Rec'd by
11-19-15
JH

NP

RECEIVED

DEC 15 2015

ACCOUNTING

INVOICE

Cloud County Wind Farm LLC

808 Travis St Ste 700

Houston, TX 77002

PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
 602 S Joplin St
 Joplin, MO 64802
 Attn: Accounts Payable
 Fax: (417) 625-5173
 Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.
CCE 1115
TERMS
Net 10
INVOICE DATE
12/8/2015
DUE DATE
12/18/2015

253-555430

November-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.

Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████/MWh. Second Half Contract Price = ██████/MWh.

Please remit payment to:

JP Morgan Chase
 Routing No: ██████
 Account No: ██████
 Account Name: Cloud County
 Ref: CCE Power Production

For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

*Rec'd from
 12-18-15
 JLL*

NR

RECEIVED

INVOICE

JAN 12 2016

ACCOUNTING

Cloud County Wind Farm LLC

808 Travis St Ste 700
Houston, TX 77002

PH: (713) 265-0350 FAX: (713) 265-0365

The Empire District Electric Company
602 S Joplin St
Joplin, MO 64802
Attn: Accounts Payable
Fax: (417) 625-5173
Delivered Via Email: ktackett@empiredistrict.com

INVOICE NO.	CCE 1215
TERMS	Net 10
INVOICE DATE	1/8/2016
DUE DATE	1/18/2016

253 - 555430

December-2015			
	Energy (MWh)	Rate (\$/MWh)	Amount Due
Energy Output	██████	██████	\$ ██████
Lost Production			
Availability LDs			
Total Amount Due			\$ ██████

This invoice submitted per the terms and conditions of the Renewable Resource Power Purchase Agreement between Cloud County Wind Farm LLC and The Empire District Electric Company dated June 19, 2007.
Facility Completion Date was declared 12/23/2008. First Half Contract Price = ██████ MWh. Second Half Contract Price = ██████ MWh.

Please remit payment to:

JP Morgan Chase
Routing No: ██████
Account No: ██████
Account Name: Cloud County
Ref: CCE Power Production
For questions regarding this invoice, please call: Daniel Saldanha (713) 356-2568

Rec'd 1/12
1-19-16
OJW

NP

EMPIRE

2015 RES REPORT

ATTACHMENT 2

RECS RETIRED

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

/myModule/include/print.asp, line 597 HYDRO = 89,873 SOLAR PURCHASED = 3,048 SOLAR AGE = 810 WIND = 86,581

Account Holder	SubAccount	Subaccount ID	State	Compliance Period	Reason	Additional Details	NAR ID	Asset	Fuel/Project Type	Certificate Vintage	Certificate Serial Numbers	Quantity	Compliance Equivalency	Duration - Start Date	Duration - End Date	MO	NC	KS	NY	IL	PR	ME Class II	ME Class I	Green-e Energy Protocol Eligible	Green-e Climate Protocol Eligible	US EPA GPP Eligible	LHI Certified	Retirement Date
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	01/2015	NAR-REC-99-MO-01-27118-1 to 5078	5,078	6,347.50	1/1/2015	1/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	02/2015	NAR-REC-99-MO-02-33794-1 to 3391	3,391	4,238.75	2/1/2015	2/28/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	05/2015	NAR-REC-99-MO-05-37611-1 to 4796	4,796	5,995.00	5/1/2015	5/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	09/2015	NAR-REC-99-MO-09-51493-1 to 660	660	825.00	9/1/2015	9/30/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	11/2015	NAR-REC-99-MO-11-57975-1 to 1510	1,610	2,012.50	11/1/2015	11/30/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	03/28/2016
Empire District Electric Company	DefaultRET	270	MO	2014	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	01/2014	NAR-REC-99-MO-01-9364-1 to 2704	2,704	3,380.00	1/1/2014	1/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	01/30/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	02/2014	NAR-REC-99-MO-02-5549-1 to 4154	4,154	5,192.50	2/1/2014	2/28/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	03/2014	NAR-REC-99-MO-03-10176-1 to 6500	6,500	8,125.00	3/1/2014	3/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	04/2014	NAR-REC-99-MO-04-10307-1 to 6597	6,597	8,246.25	4/1/2014	4/30/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	09/2014	NAR-REC-99-MO-09-2014-4661	4,661	5,826.25	9/1/2014	9/30/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	10/2014	NAR-REC-99-MO-10-2014-3760	3,760	4,700.00	10/1/2014	10/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	12/2014	NAR-REC-99-MO-12-2014-5983	5,983	7,478.75	12/1/2014	12/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	03/2015	NAR-REC-99-MO-03-2015-6876	6,876	8,597.50	3/1/2015	3/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015

NP

Account Holder	Subaccount	Subaccount ID	State	Compliance Period	Reason	Additional Details	NAR ID	Asset	Fluid/Project Type	Certificate Vintage	Certificate Serial Numbers	Quantity	Compliance Equivalency	Duration - Start Date	Duration - End Date	MO	NC	KS	NY	IL	PR	ME CIES I	ME CIES II	Green-e CIES Eligible	Green-e Climate Protocol Eligible	US EPA GPP Eligible	LHJ Certified	Retirement Date
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	04/2015	NAR-99-MO-04-2015-35328-1 to 5038	5,038	6,297.50	4/1/2015	4/30/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	06/2015	NAR-99-MO-06-2015-44533-1 to 1515	1,515	1,893.75	6/1/2015	6/30/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	10/2015	NAR-99-MO-10-2015-51615-1 to 2890	2,890	3,612.50	10/1/2015	10/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	04/2014	NAR-99-MO-04-2014-9364-2705 to 8351	5,647	7,058.75	1/1/2014	1/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	05/2014	NAR-99-MO-05-2014-13579-1 to 2587	2,897	3,233.75	5/1/2014	5/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	06/2014	NAR-99-MO-06-2014-13996-1 to 4423	4,423	5,528.75	6/1/2014	6/30/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	07/2014	NAR-99-MO-07-2014-14211-1 to 4205	4,205	5,256.25	7/1/2014	7/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	09/2014	NAR-99-MO-09-2014-15871-1 to 5168	5,168	6,460.00	9/1/2014	9/31/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN99	Ozark Beach Ozark Beach Hydro	Hydroelectric Water	11/2014	NAR-99-MO-11-2014-21198-1 to 4332	4,332	5,415.00	11/1/2014	11/30/2014	Yes	No	Yes	No	No	No	No	No	No	No	No	No	12/28/2015
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN366	Stanton Solar Farm - Orlando, LLC	Solar	02/2015	NAR-REC-FL-02-2015-45632-1 to 629	629	629.00	2/1/2015	2/28/2015	Yes	No	No	No	Yes	No	No	No	Yes	No	No	No	04/06/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN366	Stanton Solar Farm - Orlando, LLC	Solar	03/2015	NAR-REC-FL-03-2015-45639-1 to 845	845	845.00	3/1/2015	3/31/2015	Yes	No	No	No	Yes	No	No	No	Yes	No	No	No	04/06/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-	-	GEN366	Stanton Solar Farm - Orlando, LLC	Solar	04/2015	NAR-REC-FL-04-2015-45646-1 to 837	837	837.00	4/1/2015	4/30/2015	Yes	No	No	No	Yes	No	No	No	Yes	No	No	No	04/06/2016
Empire District	DefaultRET	270	MO	2015	-	-	AGG2321		Solar	12/2015	NAR-AGG-	528	660.00	6/1/2015	12/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	04/07/2016

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Account Holder	Subaccount	Subaccount ID	State	Compliance Period	Reason	Additional Details	NAR ID	Asset	Fuel/Project Type	Certificate Vintage	Certificate Serial Numbers	Quantity	Compliance Equivalency	Duration - Start Date	Duration - End Date	MO	NC	KS	NY	IL	PR	ME Cons I	ME Cons II	Green-e Energy Eligible	Green-e Climate Protection Eligible	US EPA GPP Eligible	LJHI Certified	Retirement Date
Electric Company								EDE Solar Aggregate #1			2321-MO-12-62778-1 to 528																	
Empire District Electric Company	DefaultRET	270	MO	2015	-		GEN366	Stanton Solar Farm - RP - Orlando, LLC	Solar	05/2015	NAR-REC-366-FL-05-2015-45653-75 to 123	48	48.00	5/1/2015	5/31/2015	Yes	No	No	No	Yes	No	No	Yes	No	No	No	No	04/06/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-		GEN366	Stanton Solar Farm - RP - Orlando, LLC	Solar	05/2015	NAR-REC-05-2015-45653-1 to 75	75	75.00	5/1/2015	5/31/2015	Yes	No	No	No	Yes	No	No	Yes	No	No	No	No	04/06/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-		GEN366	Stanton Solar Farm - RP - Orlando, LLC	Solar	01/2015	NAR-REC-366-FL-01-2015-45625-1 to 614	614	614.00	1/1/2015	1/31/2015	Yes	No	No	No	Yes	No	No	Yes	No	No	No	No	04/06/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-		AGG2322	EDE Solar Aggregate #2	Solar	12/2015	NAR-AGG-2322-2015-62779-1 to 212	212	265.00	5/1/2015	12/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	04/07/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-		AGG2323	EDE Solar Aggregate #3	Solar	12/2015	NAR-AGG-2015-62780-1 to 70	70	87.50	9/1/2015	12/31/2015	Yes	No	Yes	No	No	No	No	No	No	No	No	No	04/07/2016
Empire District Electric Company	DefaultRET	270	MO	2015	-		GEN97	Elk River Wind	Wind	02/2015	NAR-ES-02-2015-33804-1 to 40269	40,269	40,269.00	2/1/2015	2/28/2015	Yes	No	Yes	No	No	No	No	Yes	No	No	No	12/28/2015	
Empire District Electric Company	DefaultRET	270	MO	2015	-		GEN97	Elk River Wind	Wind	01/2015	NAR-ES-01-2015-27117-1 to 46312	46,312	46,312.00	1/1/2015	1/31/2015	Yes	No	Yes	No	No	No	No	Yes	No	No	No	12/28/2015	

CERTIFICATES IN SUBACCOUNT

Print Date: 31 of March 2016 20:54:56 GMT

Sub-Account	Sub-Account ID	Retirement Type	State	Compliance Period	Reason	Avoided Carbon	NAR ID	Asset	Fuel/Project Type	Certificate Volume	Certificate Serial Numbers	Quantity	Transferor	MO Compliance Equivalency	MO	NC	KS	NY	IL	PR	ME Class I	ME Class II	Green-Energy Eligible	Green-Climate RE Protocol Eligible	US EPA GPP Eligible	LEI Certified	Avoided Carbon	Green-E Climate Protocol (Metric Tons CO2e)	
2015 Compliance	585	RFS	KS	2015	Purchased Energy	-	GEN97	EK River Wind - EK River Wind	Wind	03/2015	NAR-REC-97-KS-03-2015-34800-1 to 32090	12,090	-	12090	Yes	No	Yes	No	No	No	No	No	No	Yes	No	No	No	-	-
2015 Compliance	555	RFS	KS	2015	Purchased Energy	-	GEN97	EK River Wind - EK River Wind	Wind	02/2015	NAR-REC-97-KS-02-2015-33161-40270 to 46115	5,846	-	5846	Yes	No	Yes	No	No	No	No	No	Yes	No	No	No	-	-	

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2015 RES REPORT

ATTACHMENT 3

RECS CARRIED FORWARD

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

CERTIFICATES IN SUBACCOUNT

Print Date: 7 of April 2016 14:56:45 GMT

Sub-Account	Sub-Account ID	NAR ID	Asset	Fuel/Project Type	Certificate Vintage	Certificate Serial Numbers	Quantity	Transferor	MO Compliance Equivalency	MO	NC	KS	NY	IL	PR	ME Class I	ME Class II	Green-e Energy Eligible	Green-e Climate RE Protocol Eligible	US EPA GPP Eligible	LHI Certified	Avoided Carbon	Green-e Climate Protocol (Metric Tons CO2e)
DefaultTACT	269	AGG2323	EDE Solar Aggregate #3	Solar	12/2015	NAR-AGG-2323-MO-12-2015-62780-71 to 71	1	-	1.25	Yes	No	Yes	No	No	No	No	No	No	No	No	No	-	-
DefaultTACT	269	GEN97	Elk River Wind - Elk River Wind	Wind	01/2016	NAR-REC-97-KS-01-2016-62525-1 to 41279	41,279	-	41279	Yes	No	Yes	No	No	No	No	No	Yes	No	No	No	-	-
DefaultTACT	269	GEN97	Elk River Wind - Elk River Wind	Wind	03/2015	NAR-REC-97-KS-03-2015-34800-12091 to 39111	27,021	-	27021	Yes	No	Yes	No	No	No	No	No	Yes	No	No	No	-	-
DefaultTACT	269	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	12/2015	NAR-REC-99-MO-12-2015-59837-1 to 6834	6,834	-	8542.5	Yes	No	Yes	No	No	No	No	No	No	No	No	No	-	-
DefaultTACT	269	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	11/2015	NAR-REC-99-MO-11-2015-57975-1611 to 4916	3,306	-	4132.5	Yes	No	Yes	No	No	No	No	No	No	No	No	No	-	-
DefaultTACT	269	GEN99	Ozark Beach - Ozark Beach Hydro	Hydroelectric Water	01/2016	NAR-REC-99-MO-01-2016-62526-1 to 75	75	-	93.75	Yes	No	Yes	No	No	No	No	No	No	No	No	No	-	-
DefaultTACT	269	GEN356	Stanton Solar Farm - RP- Orlando, LLC	Solar	05/2015	NAR-REC-356-FL-05-2015-45653-124 to 1075	952	3Degrees Group, Inc.	952	Yes	No	No	No	Yes	No	No	No	Yes	No	No	No	-	-

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2015 RES REPORT

ATTACHMENT 4

REC REPORT

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

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Renewable Energy Certificate Position Report
 Empire District Electric Company

Elk River, 2015

	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	Total 2015
Expected REC's	50,855	44,594	60,957	58,757	40,897	50,133	30,737	37,594	35,645	50,293	53,588	57,309	571,359
- Actual REC's	46,312	40,269	12,090	0	0	0	0	0	0	0	0	0	509,347
MO Compliance for 2015	0	0	0	0	0	0	0	0	0	0	0	0	0
Kg Compliance for 2015	0	0	0	0	0	0	0	0	0	0	0	0	0
REC's Sold	0	0	0	0	0	0	0	0	0	0	0	0	0
Counterparty													
Quantity	0	0	292,366	0	0	0	254,062	0	0	0	0	0	546,434
Price (\$/REC)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
Commission \$'s	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Revenue (\$)	-	-	-	-	-	-	-	-	-	-	-	-	-
Quantity	0	0	0	0	0	0	0	0	0	23,672	0	0	23,672
Price (\$/REC)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
Commission \$'s	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Revenue (\$)	-	-	-	-	-	-	-	-	-	-	-	-	-
Quantity	0	0	0	0	0	0	0	0	0	0	0	0	0
Price (\$/REC)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
Commission \$'s	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Revenue (\$)	-	-	-	-	-	-	-	-	-	-	-	-	-
Quantity	0	0	0	0	0	0	0	0	0	0	0	0	0
Price (\$/REC)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
Commission \$'s	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Revenue (\$)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cumulative Remaining RECs	0	0	27,021	27,021	27,021	27,021	27,021	27,021	27,021	27,021	27,021	27,021	27,021
Total Gross Revenue	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total Expense (Commission)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Total Net Revenue	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

** Actual REC's is Expected REC's until month expires

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Renewable Energy Certificate Position Report
 Empire District Electric Company

Midyear May 2015

	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	Total 2015
Expected REC's	24,152	26,870	33,090	32,196	25,340	28,703	18,988	23,508	25,331	28,797	31,071	30,170	329,486
**Actual REC's													315,146
REC's Sold													
Counterparty													
Quantity	0	81,906		0	0	0	0	0	0	0	0	0	81,906
Price (\$/REC)													
Gross Revenue													
Commission \$'s													
Net Revenue (\$)													
Quantity	0	152,842		0	0	0	0	0	0	0	216,552	0	152,842
Price (\$/REC)													
Gross Revenue													
Commission \$'s													
Net Revenue (\$)													
Quantity	0	0		0	0	0	0	0	0	0	0	0	0
Price (\$/REC)													
Gross Revenue													
Commission \$'s													
Net Revenue (\$)													
Quantity	0	0		0	0	0	0	0	0	0	0	0	0
Price (\$/REC)													
Gross Revenue													
Commission \$'s													
Net Revenue (\$)													
Cumulative Remaining REC's													
Total Gross Revenue													
Total Expense (Commission)													
Total Net Revenue													

**Actual REC's is Expected REC's until month expires

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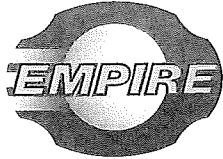
2015 RES REPORT

ATTACHMENT 5

WIND GENERATION ALLOCATION

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NON-PROPRIETARY



SERVICES YOU COUNT ON

ATTACHMENT 5

WIND GENERATION ALLOCATION FOR MO RETAIL CUSTOMERS 2015

Facility	Generation (MWh)	Percentage*	Energy Supplied to Missouri Retail Customers (MWh)
Elk River Windfarm	509,347	83.5807%	425,715.79
Meridian Way Windfarm	315,146	83.5807%	263,401.23

* Allocation based on 12-month average CP Demand Factor

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2015 RES REPORT

ATTACHMENT 6

PURCHASE OF SOLAR SRECS

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

Confirmation Letter #2

This Confirmation Letter describes a transaction between Buyer and Seller for the sale, purchase and Delivery of Renewable Energy Certificates ("**RECs**") pursuant to and in accordance with the terms of the Renewable Energy Certificate Purchase and Sale Agreement between the Parties dated February 16, 2015 (the "**Agreement**") and constitutes part of and is subject to the terms and provisions of the Agreement. Provided, that, to the extent there is a conflict between a provision of the Agreement and this Confirmation Letter, the terms of this Confirmation Letter shall control for the purposes of this transaction.

Initially capitalized terms used and not otherwise defined herein are defined in the Agreement.

Basic Commercial Terms:

Trade Date:	March 31, 2016
Transaction Reference:	7453
Seller:	3Degrees Group, Inc.
Buyer:	Empire District Electric Company
Facility:	Seller's Choice
Eligible Renewable Resource Type:	Solar
Geography:	Seller's Choice
Period Type [Generation, Reporting]:	Generation
Time Period:	January 01, 2015 - June 30, 2015
Product Quantity (REC):	██████
Contract Price (\$/REC):	██████

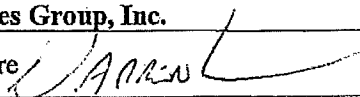
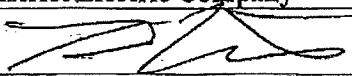
Product Specific Terms:

Applicable Standard(s):	Eligible under Green-e Energy National Standard v2.7
Environmental Attributes retained by Seller, if any:	None
Media Rights Conferred [yes, no]	No

Delivery Terms:

Delivery Date:	Within 3 Business Days of Confirmation Letter #2 execution
Delivery Obligation [Firm, Unit Contingent, Project Contingent]:	Firm
Applicable Tracking System:	NARR
Attestation Form:	Yes
Buyer Delivery Contact [Name, Email]:	Rebecca Heffren, rheffren@empiredistrict.com
Seller Delivery Contact [Name, Email]:	Trade Operations, settlements@3degreesinc.com

The Parties agree to the transaction set forth herein and each Party represents that the person signing this Confirmation Letter on its behalf is authorized to execute on behalf of the Party for whom they sign.

3Degrees Group, Inc.		Empire District Electric Company	
Signature		Signature	
Name	DARREN KAROPCZYC	Name	Tim Wilson
Title	Director, Trade Operations 3Degrees Group, Inc.	Title	Director of Energy Supply Services
Date		Date	4-1-16

4/1/16

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2015 RES REPORT

ATTACHMENT 7

ATTESTATIONS

HIGHLY CONFIDENTIAL

NON-PROPRIETARY



Energy

GREEN-E ENERGY RENEWABLE GENERATOR REGISTRATION FORM AND ATTESTATION

I. Facility information

Name of Generation Facility ("Facility"): Elk River

Company or Person that Owns Facility ("Seller"): Elk River Windfarm, LLC

Address of Facility: 15936 SE 190th, Latham, KS 67072

North American Electricity Reliability Corporation (NERC) region in which Facility is located:¹ NYISO

Facility ID Number:² 56303 EIA or QF? (check one) Nameplate Capacity (MW): 150

Date Facility was First Operational: 12/15/2005 Date of Capacity Upgrade or Repowering:³ ___/___/___

Contact Person: Adam Cherry Title: Origination Analyst

Telephone: 503-423-2086 Email Address: adam.cherry@iberdrolaren.com

II. Renewable electricity or RECs⁴ supplied to Purchaser indicated below, by fuel type

On the table below, list the renewable megawatt-hours (MWh) sold or transferred to Purchaser, broken down by quarter of generation in separate rows:

Fuel Type ⁵	# MWh RECs / Renewable Elec. Sold	Period of Generation (quarter/yy or mm/yy)
Wind	[REDACTED]	Q1 2015
Wind	[REDACTED]	Q2 2015
Wind	[REDACTED]	Q3 2015
Wind	[REDACTED]	Q4 2015

¹ If you are unsure of which region Facility is in, see <http://www.nerc.com/regional/>

² Enter Energy Information Administration (EIA) identification number for the generating facility; if no EIA number, enter the utility-assigned Qualifying Facility (QF) identification number.

³ If applicable. Repowered facilities must meet Green-e Energy's criteria for repowering, available at http://www.Green-e Energy.org/docs/Repowering_Defin_and_Instructions.doc

⁴ Renewable Energy Certificates, which represent the renewable attributes of 1 MWh of renewable electricity generation.

⁵ If using biomass fuels, list out the specific type (i.e. landfill gas, wood waste, etc.) and fill in section IV below.

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III. Declaration

I, Ryan Ohira, Manager, Risk Control, declare that the renewable electricity (electricity bundled with renewable attributes) / renewable attributes only⁶ (check one) generated by Facility during the Period of Generation were sold exclusively from Seller to Empire District Electric Company ("Purchaser").

I further declare that:

- 1) all the renewable attributes (including CO₂ benefits), including any emissions offsets, reductions or claims, represented by the renewable electricity generation listed above were transferred to Purchaser;
- 2) to the best of my knowledge, the renewable attributes were not sold, marketed or otherwise claimed by a third party other than Purchaser;
- 3) Seller sold the renewable attributes only once;
- 4) the renewable attributes or the electricity that was generated with the attributes was not used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Seller, nor to the best of my knowledge, by any other entity other than Purchaser;⁷
- 5) the renewable electricity sold or electricity associated with the attributes sold was not used on-site for powering electric generation equipment (parasitic load);
- 6) if Purchaser is receiving electricity bundled with renewable attributes from Seller, the renewable electricity was delivered into the NERC region in which Facility is located;
- 7) if Facility is located in Canada, it is EcoLogo certified and was throughout the Period of Generation; and
- 8) the electricity that was generated with the attributes was not separately sold, separately marketed or otherwise separately represented as renewable energy by Seller, or, to the best of my knowledge, any other entity other than Purchaser.

Please indicate the following:

Is Facility owner reporting its direct greenhouse gas emissions in a legally binding cap and trade program for the time period of generation listed on this form?

- Yes,⁸ list the cap and trade program: _____
 No

If Seller is providing only RECs to Purchaser and selling the associated electricity to a utility or load-serving entity, please write the name of the utility or load-serving entity here: Empire District Electric Company

- Check box if sale is part of a Qualifying Facility (QF) contract

⁶ If selling renewable attributes to Purchaser without electricity, please fill in the name of the load serving entity buying the undifferentiated electricity, if applicable, at the bottom of this Declaration section.

⁷ Renewable attributes used by Purchaser for any of the purposes listed in 4) are ineligible for Green-e Energy certification.

⁸ In this case the renewable energy or RECs reported on this form may be ineligible for Green-e Energy certification. For more information, contact Green-e Energy Staff at 415-561-2100.

IV. Additional statement required for and applicable to biomass facilities only

- 1) I attest that no more than five percent (5%) fossil fuels and other fuels that are not Green-e Energy eligible, measured on a BTU basis, were used, including as a start-up, pilot or supplemental fuel, to produce the electricity and/or RECs in the above Green-e Energy eligible biomass generation plant or biomass boiler;
- 2) I attest that this facility was in substantial compliance with its operating permit regarding emissions during the Period of Generation reported above;
- 3) I attest that if this facility is subject to New Source Review (NSR), it was compliant with all standards pertaining to NSR during the period of generation reported above; and
- 4) I attest that Seller owned the renewable and environmental attributes of the biomass fuels I have listed in the table below at the time of the fuel's use for electricity generation.

Biomass Fuel Type	Facility that Produced Fuel or Origin/Source of Fuel

V. Signature

As an authorized agent of Seller, I attest that the above statements are true and correct.

Ryan Chi
Signature
Portland, OR
Place of Execution

3/29/16
Date

This Attestation form is used by the Center for Resource Solutions to verify the accuracy of claims made by Participant renewable energy providers. The information on this form is held strictly confidential and will not be shared with any other party except in aggregate form.

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Energy

GREEN-E ENERGY RENEWABLE GENERATOR REGISTRATION FORM AND ATTESTATION

I. Facility information

Name of Generation Facility ("Facility"): Meridian Way Wind Farm

Company or Person that Owns Facility ("Seller"): Cloud County Wind Farm, LLC

Address of Facility: 1409 Iron Road, Suite A Concordia, KS 66901

North American Electricity Reliability Corporation (NERC) region in which Facility is located:¹ SPP

Facility ID Number:² 56784 EIA or QF? (check one) Nameplate Capacity (MW): 105

Date Facility was First Operational: 12/05/2008

Date of Capacity Upgrade or Repowering:³ ___/___/___

Contact Person: Daniel Saldanha Title: Senior Settlements Associate

Telephone: 713-356-2568

Email Address: daniel.saldanha@edpr.com

II. Renewable electricity or RECs⁴ supplied to Purchaser indicated below, by fuel type

On the table below, list the renewable megawatt-hours (MWh) sold or transferred to Purchaser, broken down by quarter of generation in separate rows:

¹ If you are unsure of which region Facility is in, see <http://www.nerc.com/regional/>

² Enter Energy Information Administration (EIA) identification number for the generating facility; if no EIA number, enter the utility-assigned Qualifying Facility (QF) identification number.

³ If applicable. Repowered facilities must meet Green-e Energy's criteria for repowering, available at [http://www.Green-e Energy.org/docs/Repowering Defin and Instructions.doc](http://www.Green-e Energy.org/docs/Repowering_Defin_and_Instructions.doc)

⁴ Renewable Energy Certificates, which represent the renewable attributes of 1 MWh of renewable electricity generation.

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Fuel Type ⁵	# MWh RECs / Renewable Elec. Sold	Period of Generation (quarter/yy or mm/yy)
Wind	[REDACTED]	01/15
Wind	[REDACTED]	02/15
Wind	[REDACTED]	03/15

III. Declaration

I, Brian Hayes, Executive Vice President, Asset Operations, declare that the renewable electricity (electricity bundled with renewable attributes) / renewable attributes only⁶ (check one) generated by Facility during the Period of Generation were sold exclusively from Seller to The Empire District Electric Company ("Purchaser").

I further declare that:

- 1) all the renewable attributes (including CO₂ benefits), including any emissions offsets, reductions or claims, represented by the renewable electricity generation listed above were transferred to Purchaser;
- 2) to the best of my knowledge, the renewable attributes were not sold, marketed or otherwise claimed by a third party other than Purchaser;
- 3) Seller sold the renewable attributes only once;
- 4) the renewable attributes or the electricity that was generated with the attributes was not used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Seller, nor to the best of my knowledge, by any other entity other than Purchaser;⁷
- 5) the renewable electricity sold or electricity associated with the attributes sold was not used on-site for powering electric generation equipment (parasitic load);
- 6) if Purchaser is receiving electricity bundled with renewable attributes from Seller, the renewable electricity was delivered into the NERC region in which Facility is located;
- 7) if Facility is located in Canada, it is EcoLogo certified and was throughout the Period of Generation; and
- 8) the electricity that was generated with the attributes was not separately sold, separately marketed or otherwise separately represented as renewable energy by Seller, or, to the best of my knowledge, any other entity other than Purchaser.

⁵ If using biomass fuels, list out the specific type (i.e. landfill gas, wood waste, etc.) and fill in section IV below.

⁶ If selling renewable attributes to Purchaser without electricity, please fill in the name of the load serving entity buying the undifferentiated electricity, if applicable, at the bottom of this Declaration section.

⁷ Renewable attributes used by Purchaser for any of the purposes listed in 4) are ineligible for Green-e Energy certification.

Please indicate the following:

Is Facility owner reporting its direct greenhouse gas emissions in a legally binding cap and trade program for the time period of generation listed on this form?

Yes;⁸ list the cap and trade program: _____
 No

If Seller is providing only RECs to Purchaser and selling the associated electricity to a utility or load-serving entity, please write the name of the utility or load-serving entity here: _____

Check box if sale is part of a Qualifying Facility (QF) contract

IV. Additional statement required for and applicable to biomass facilities only

- 1) I attest that no more than five percent (5%) fossil fuels and other fuels that are not Green-e Energy eligible, measured on a BTU basis, were used, including as a start-up, pilot or supplemental fuel, to produce the electricity and/or RECs in the above Green-e Energy eligible biomass generation plant or biomass boiler;
- 2) I attest that this facility was in substantial compliance with its operating permit regarding emissions during the Period of Generation reported above;
- 3) I attest that if this facility is subject to New Source Review (NSR), it was compliant with all standards pertaining to NSR during the period of generation reported above; and
- 4) I attest that Seller owned the renewable and environmental attributes of the biomass fuels I have listed in the table below at the time of the fuel's use for electricity generation.

Biomass Fuel Type	Facility that Produced Fuel or Origin/Source of Fuel

V. Signature

As an authorized agent of Seller, I attest that the above statements are true and correct.

NM

Signature

10/16/2015
Date

Houston, TX
Place of Execution

This Attestation form is used by the Center for Resource Solutions to verify the accuracy of claims made by Participant renewable energy providers. The information on this form is held strictly confidential and will not be shared with any other party except in aggregate form.

⁸ In this case the renewable energy or RECs reported on this form may be ineligible for Green-e Energy certification. For more information, contact Green-e Energy Staff at 415-561-2100.

NP



Energy

GREEN-E ENERGY RENEWABLE GENERATOR REGISTRATION FORM AND ATTESTATION

I. Facility information

Name of Generation Facility ("Facility"): Meridian Way Wind Farm

Company or Person that Owns Facility ("Seller"): Cloud County Wind Farm, LLC

Address of Facility: 1409 Iron Road, Suite A Concordia, KS 66901

North American Electricity Reliability Corporation (NERC) region in which Facility is located:¹ SPP

Facility ID Number:² 56784 EIA or QF? (check one) Nameplate Capacity (MW): 105

Date Facility was First Operational: 12/05/2008 Date of Capacity Upgrade or Repowering:³ / /

Contact Person: Daniel Saldanha Title: Senior Settlements Associate

Telephone: 713-356-2568

Email Address: daniel.saldanha@edpr.com

II. Renewable electricity or RECs⁴ supplied to Purchaser indicated below, by fuel type

On the table below, list the renewable megawatt-hours (MWh) sold or transferred to Purchaser, broken down by quarter of generation in separate rows:

¹ If you are unsure of which region Facility is in, see <http://www.nerc.com/regional/>

² Enter Energy Information Administration (EIA) identification number for the generating facility; if no EIA number, enter the utility-assigned Qualifying Facility (QF) identification number.

³ If applicable. Repowered facilities must meet Green-e Energy's criteria for repowering, available at http://www.Green-e Energy.org/docs/Repowering_Defin_and_Instructions.doc

⁴ Renewable Energy Certificates, which represent the renewable attributes of 1 MWh of renewable electricity generation.

NP

Fuel Type ⁵	# MWh RECs / Renewable Elec. Sold	Period of Generation (quarter/yy or mm/yy)
Wind	[REDACTED]	04/15
Wind	[REDACTED]	05/15
Wind	[REDACTED]	06/15

III. Declaration

I, Brian Hayes, Executive Vice President, Asset Operations, declare that the renewable electricity (electricity bundled with renewable attributes) / renewable attributes only⁶ (check one) generated by Facility during the Period of Generation were sold exclusively from Seller to The Empire District Electric Company ("Purchaser").

I further declare that:

- 1) all the renewable attributes (including CO₂ benefits), including any emissions offsets, reductions or claims, represented by the renewable electricity generation listed above were transferred to Purchaser;
- 2) to the best of my knowledge, the renewable attributes were not sold, marketed or otherwise claimed by a third party other than Purchaser;
- 3) Seller sold the renewable attributes only once;
- 4) the renewable attributes or the electricity that was generated with the attributes was not used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Seller, nor to the best of my knowledge, by any other entity other than Purchaser;⁷
- 5) the renewable electricity sold or electricity associated with the attributes sold was not used on-site for powering electric generation equipment (parasitic load);
- 6) if Purchaser is receiving electricity bundled with renewable attributes from Seller, the renewable electricity was delivered into the NERC region in which Facility is located;
- 7) if Facility is located in Canada, it is EcoLogo certified and was throughout the Period of Generation; and
- 8) the electricity that was generated with the attributes was not separately sold, separately marketed or otherwise separately represented as renewable energy by Seller, or, to the best of my knowledge, any other entity other than Purchaser.

⁵ If using biomass fuels, list out the specific type (i.e. landfill gas, wood waste, etc.) and fill in section IV below.

⁶ If selling renewable attributes to Purchaser without electricity, please fill in the name of the load serving entity buying the undifferentiated electricity, if applicable, at the bottom of this Declaration section.

⁷ Renewable attributes used by Purchaser for any of the purposes listed in 4) are ineligible for Green-e Energy certification.

NP

NP

Please indicate the following:

Is Facility owner reporting its direct greenhouse gas emissions in a legally binding cap and trade program for the time period of generation listed on this form?

- Yes;⁸ list the cap and trade program: _____
 No

If Seller is providing only RECs to Purchaser and selling the associated electricity to a utility or load-serving entity, please write the name of the utility or load-serving entity here: _____

Check box if sale is part of a Qualifying Facility (QF) contract

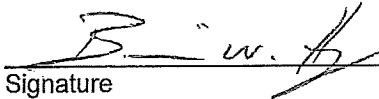
IV. Additional statement required for and applicable to biomass facilities only

- 1) I attest that no more than five percent (5%) fossil fuels and other fuels that are not Green-e Energy eligible, measured on a BTU basis, were used, including as a start-up, pilot or supplemental fuel, to produce the electricity and/or RECs in the above Green-e Energy eligible biomass generation plant or biomass boiler;
- 2) I attest that this facility was in substantial compliance with its operating permit regarding emissions during the Period of Generation reported above;
- 3) I attest that if this facility is subject to New Source Review (NSR), it was compliant with all standards pertaining to NSR during the period of generation reported above; and
- 4) I attest that Seller owned the renewable and environmental attributes of the biomass fuels I have listed in the table below at the time of the fuel's use for electricity generation.

Biomass Fuel Type	Facility that Produced Fuel or Origin/Source of Fuel

V. Signature

As an authorized agent of Seller, I attest that the above statements are true and correct.


Signature

10/16/2015
Date

Houston, TX
Place of Execution

This Attestation form is used by the Center for Resource Solutions to verify the accuracy of claims made by Participant renewable energy providers. The information on this form is held strictly confidential and will not be shared with any other party except in aggregate form.

⁸ In this case the renewable energy or RECs reported on this form may be ineligible for Green-e Energy certification. For more information, contact Green-e Energy Staff at 415-561-2100.

NR



Energy

GREEN-E ENERGY RENEWABLE GENERATOR REGISTRATION FORM AND ATTESTATION

I. Facility information

Name of Generation Facility ("Facility"): Meridian Way Wind Farm

Company or Person that Owns Facility ("Seller"): Cloud County Wind Farm, LLC

Address of Facility: 1409 Iron Road, Suite A Concordia, KS 66901

North American Electricity Reliability Corporation (NERC) region in which Facility is located:¹ SPP

Facility ID Number:² 56784 EIA or QF? (check one) Nameplate Capacity (MW): 105

Date Facility was First Operational: 12/05/2008 Date of Capacity Upgrade or Repowering:³ / /

Contact Person: Daniel Saldanha Title: Senior Settlements Associate

Telephone: 713-356-2568 Email Address: daniel.saldanha@edpr.com

II. Renewable electricity or RECs⁴ supplied to Purchaser indicated below, by fuel type

On the table below, list the renewable megawatt-hours (MWh) sold or transferred to Purchaser, broken down by quarter of generation in separate rows:

¹ If you are unsure of which region Facility is in, see <http://www.nerc.com/regional/>

² Enter Energy Information Administration (EIA) identification number for the generating facility; if no EIA number, enter the utility-assigned Qualifying Facility (QF) identification number.

³ If applicable. Repowered facilities must meet Green-e Energy's criteria for repowering, available at [http://www.Green-e Energy.org/docs/Repowering Defin and Instructions.doc](http://www.Green-e Energy.org/docs/Repowering_Defin_and_Instructions.doc)

⁴ Renewable Energy Certificates, which represent the renewable attributes of 1 MWh of renewable electricity generation.

NR

Fuel Type ⁵	# MWh RECs / Renewable Elec. Sold	Period of Generation (quarter/yy or mm/yy)
Wind	[REDACTED]	07/15
Wind	[REDACTED]	08/15
Wind	[REDACTED]	09/15

III. Declaration

I, Brian Hayes, Executive Vice President, Asset Operations, declare that the renewable electricity (electricity bundled with renewable attributes) / renewable attributes only⁶ (check one) generated by Facility during the Period of Generation were sold exclusively from Seller to The Empire District Electric Company ("Purchaser").

I further declare that:

- 1) all the renewable attributes (including CO₂ benefits), including any emissions offsets, reductions or claims, represented by the renewable electricity generation listed above were transferred to Purchaser;
- 2) to the best of my knowledge, the renewable attributes were not sold, marketed or otherwise claimed by a third party other than Purchaser;
- 3) Seller sold the renewable attributes only once;
- 4) the renewable attributes or the electricity that was generated with the attributes was not used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Seller, nor to the best of my knowledge, by any other entity other than Purchaser;⁷
- 5) the renewable electricity sold or electricity associated with the attributes sold was not used on-site for powering electric generation equipment (parasitic load);
- 6) if Purchaser is receiving electricity bundled with renewable attributes from Seller, the renewable electricity was delivered into the NERC region in which Facility is located;
- 7) if Facility is located in Canada, it is EcoLogo certified and was throughout the Period of Generation; and
- 8) the electricity that was generated with the attributes was not separately sold, separately marketed or otherwise separately represented as renewable energy by Seller, or, to the best of my knowledge, any other entity other than Purchaser.

⁵ If using biomass fuels, list out the specific type (i.e. landfill gas, wood waste, etc.) and fill in section IV below.
⁶ If selling renewable attributes to Purchaser without electricity, please fill in the name of the load serving entity buying the undifferentiated electricity, if applicable, at the bottom of this Declaration section.
⁷ Renewable attributes used by Purchaser for any of the purposes listed in 4) are ineligible for Green-e Energy certification.

NR

Please indicate the following:

Is Facility owner reporting its direct greenhouse gas emissions in a legally binding cap and trade program for the time period of generation listed on this form?

- Yes;⁸ list the cap and trade program: _____
 No

If Seller is providing only RECs to Purchaser and selling the associated electricity to a utility or load-serving entity, please write the name of the utility or load-serving entity here: _____

Check box if sale is part of a Qualifying Facility (QF) contract

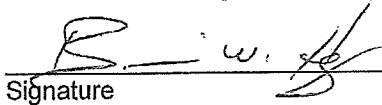
IV. Additional statement required for and applicable to biomass facilities only

- 1) I attest that no more than five percent (5%) fossil fuels and other fuels that are not Green-e Energy eligible, measured on a BTU basis, were used, including as a start-up, pilot or supplemental fuel, to produce the electricity and/or RECs in the above Green-e Energy eligible biomass generation plant or biomass boiler;
- 2) I attest that this facility was in substantial compliance with its operating permit regarding emissions during the Period of Generation reported above;
- 3) I attest that if this facility is subject to New Source Review (NSR), it was compliant with all standards pertaining to NSR during the period of generation reported above; and
- 4) I attest that Seller owned the renewable and environmental attributes of the biomass fuels I have listed in the table below at the time of the fuel's use for electricity generation.

Biomass Fuel Type	Facility that Produced Fuel or Origin/Source of Fuel

V. Signature

As an authorized agent of Seller, I attest that the above statements are true and correct.



Signature

10/16/2015
Date

Houston, TX
Place of Execution

This Attestation form is used by the Center for Resource Solutions to verify the accuracy of claims made by Participant renewable energy providers. The information on this form is held strictly confidential and will not be shared with any other party except in aggregate form.

⁸ In this case the renewable energy or RECs reported on this form may be ineligible for Green-e Energy certification. For more information, contact Green-e Energy Staff at 415-561-2100.



Energy

GREEN-E ENERGY RENEWABLE GENERATOR REGISTRATION FORM AND ATTESTATION

I. Facility information

Name of Generation Facility ("Facility"): Meridian Way Wind Farm

Company or Person that Owns Facility ("Seller"): Cloud County Wind Farm, LLC

Address of Facility: 1409 Iron Road, Suite A Concordia, KS 66901

North American Electricity Reliability Corporation (NERC) region in which Facility is located:¹ SPP

Facility ID Number:² 56784 EIA or QF? (check one) Nameplate Capacity (MW): 105

Date Facility was First Operational: 12/05/2008 Date of Capacity Upgrade or Repowering:³ / /

Contact Person: Daniel Saldanha Title: Senior Settlements Associate

Telephone: 713-356-2568 Email Address: daniel.saldanha@edpr.com

II. Renewable electricity or RECs⁴ supplied to Purchaser indicated below, by fuel type

On the table below, list the renewable megawatt-hours (MWh) sold or transferred to Purchaser, broken down by quarter of generation in separate rows:

¹ If you are unsure of which region Facility is in, see <http://www.nerc.com/regional/>

² Enter Energy Information Administration (EIA) identification number for the generating facility; if no EIA number, enter the utility-assigned Qualifying Facility (QF) identification number.

³ If applicable. Repowered facilities must meet Green-e Energy's criteria for repowering, available at http://www.Green-e Energy.org/docs/Repowering_Defin_and_Instructions.doc

⁴ Renewable Energy Certificates, which represent the renewable attributes of 1 MWh of renewable electricity generation.

M

NP

Fuel Type ⁵	# MWh RECs / Renewable Elec. Sold	Period of Generation (quarter/yy or mm/yy)
Wind	[REDACTED]	10/15
Wind	[REDACTED]	11/15
Wind	[REDACTED]	12/15

III. Declaration

I, Brian Hayes, Executive Vice President, Asset Operations, declare that the renewable electricity (electricity bundled with renewable attributes) / renewable attributes only⁶ (check one) generated by Facility during the Period of Generation were sold exclusively from Seller to The Empire District Electric Company ("Purchaser").

I further declare that:

- 1) all the renewable attributes (including CO₂ benefits), including any emissions offsets, reductions or claims, represented by the renewable electricity generation listed above were transferred to Purchaser;
- 2) to the best of my knowledge, the renewable attributes were not sold, marketed or otherwise claimed by a third party other than Purchaser;
- 3) Seller sold the renewable attributes only once;
- 4) the renewable attributes or the electricity that was generated with the attributes was not used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Seller, nor to the best of my knowledge, by any other entity other than Purchaser;⁷
- 5) the renewable electricity sold or electricity associated with the attributes sold was not used on-site for powering electric generation equipment (parasitic load);
- 6) if Purchaser is receiving electricity bundled with renewable attributes from Seller, the renewable electricity was delivered into the NERC region in which Facility is located;
- 7) if Facility is located in Canada, it is EcoLogo certified and was throughout the Period of Generation; and
- 8) the electricity that was generated with the attributes was not separately sold, separately marketed or otherwise separately represented as renewable energy by Seller, or, to the best of my knowledge, any other entity other than Purchaser.

⁵ If using biomass fuels, list out the specific type (i.e. landfill gas, wood waste, etc.) and fill in section IV below.

⁶ If selling renewable attributes to Purchaser without electricity, please fill in the name of the load serving entity buying the undifferentiated electricity, if applicable, at the bottom of this Declaration section.

⁷ Renewable attributes used by Purchaser for any of the purposes listed in 4) are ineligible for Green-e Energy certification.

MP

Please indicate the following:

Is Facility owner reporting its direct greenhouse gas emissions in a legally binding cap and trade program for the time period of generation listed on this form?

- Yes;⁸ list the cap and trade program: _____
 No

If Seller is providing only RECs to Purchaser and selling the associated electricity to a utility or load-serving entity, please write the name of the utility or load-serving entity here: _____

Check box if sale is part of a Qualifying Facility (QF) contract

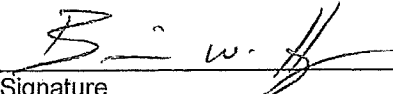
IV. Additional statement required for and applicable to biomass facilities only

- 1) I attest that no more than five percent (5%) fossil fuels and other fuels that are not Green-e Energy eligible, measured on a BTU basis, were used, including as a start-up, pilot or supplemental fuel, to produce the electricity and/or RECs in the above Green-e Energy eligible biomass generation plant or biomass boiler;
- 2) I attest that this facility was in substantial compliance with its operating permit regarding emissions during the Period of Generation reported above;
- 3) I attest that if this facility is subject to New Source Review (NSR), it was compliant with all standards pertaining to NSR during the period of generation reported above; and
- 4) I attest that Seller owned the renewable and environmental attributes of the biomass fuels I have listed in the table below at the time of the fuel's use for electricity generation.

Biomass Fuel Type	Facility that Produced Fuel or Origin/Source of Fuel

V. Signature

As an authorized agent of Seller, I attest that the above statements are true and correct.

W

Signature

1/15/2016
Date

Houston, TX
Place of Execution

This Attestation form is used by the Center for Resource Solutions to verify the accuracy of claims made by Participant renewable energy providers. The information on this form is held strictly confidential and will not be shared with any other party except in aggregate form.

⁸ In this case the renewable energy or RECs reported on this form may be ineligible for Green-e Energy certification. For more information, contact Green-e Energy Staff at 415-561-2100.

NP



Energy

AUDIT YEAR: NA

GREEN-E ENERGY RENEWABLE ATTESTATION FROM WHOLESALE PROVIDER OF ELECTRICITY OR RECS

I. Wholesale Provider Information

Name of Wholesale Provider: 3Degrees Group Inc.
 Address of Provider: 407 Sansome Street, 4th Floor, San Francisco, CA 94111
 Contact Person: Alison Lee Title: Settlements Manager
 Telephone: (415) 659-8866 Fax: (415) 680-1561 Email Address: alee@3degreesinc.com

II. Declaration

I, Steve McDougal, CEO, declare that the (indicate with "x")¹ ___ electricity bundled with renewable attributes / x renewable attributes only² listed below were sold exclusively from: 3Degrees Group Inc. ("Provider") to: **Empire District Electric Company** ("Purchaser").

I further declare that:

- 1) all the renewable attributes (including CO₂ benefits), including any emissions offsets, reductions or claims, represented by the renewable electricity generation listed below were transferred to Purchaser;
- 2) to the best of my knowledge, the renewable attributes were not sold, marketed or otherwise claimed by a third party;
- 3) Provider sold the renewable attributes only once;
- 4) the renewable attributes or the electricity that was generated with the attributes was not used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Provider, nor, to the best of my knowledge, by any other entity;
- 5) the electrical energy that was generated with the attributes was not separately sold, separately marketed or otherwise separately represented as renewable energy by Provider, or, to the best of my knowledge, by any other entity; and
- 6) the facilities that generated all of the renewable electricity / renewable attributes (as indicated above) sold to Purchaser are listed below by fuel type.

¹ Use separate forms to report electricity and REC sales.

² If Provider purchased electricity bundled with renewable attributes and has stripped off those attributes to sell in this transaction, and is selling the undifferentiated electricity to a utility or load-serving entity, see section III also.

NP

List the renewable MWhs sold or transferred to Purchaser identified below by quarter of generation as a separate line item.

Provider Reference Number (Optional)	Generator Name	Generator ID Number (EIA or QF)	Nameplate Capacity (MW)	Fuel Type (if biomass, be specific; i.e. Landfill Gas)	# MWhs RECs / Elec. Sold	First Date of Generator Operation (mm/yy) ³	Period of Generation (quarter#/yy or mm/yy)	Selling as Green-e Energy Certified Wholesale? ⁴ (Yes/No)
53438	Stanton Solar Farm - RP-Orlando, LLC (FL)	NA	5.91	Solar	[REDACTED]	2011-11-01	2015-01-01 - 2015-01-31	No
53439	Stanton Solar Farm - RP-Orlando, LLC (FL)	NA	5.91	Solar	[REDACTED]	2011-11-01	2015-02-01 - 2015-02-28	No
53440	Stanton Solar Farm - RP-Orlando, LLC (FL)	NA	5.91	Solar	[REDACTED]	2011-11-01	2015-03-01 - 2015-03-31	No
53441	Stanton Solar Farm - RP-Orlando, LLC (FL)	NA	5.91	Solar	[REDACTED]	2011-11-01	2015-04-01 - 2015-04-30	No
53442	Stanton Solar Farm - RP-Orlando, LLC (FL)	NA	5.91	Solar	[REDACTED]	2011-11-01	2015-05-01 - 2015-05-31	No
53457	Stanton Solar Farm - RP-Orlando, LLC (FL)	NA	5.91	Solar	[REDACTED]	2011-11-01	2015-05-01 - 2015-05-31	No
					[REDACTED]	Total # RECs / Elec. Sold		

III. Additional Statement required of Provider selling electricity to Purchaser

I declare that the electricity listed above was delivered into the NERC region(s) or ISO(s) in which the Generator(s) listed above are located.

IV. Additional Statement required if Provider is selling only RECs to Purchaser and selling the associated electricity to a utility or load-serving entity

Please write the name of the utility or load-serving entity here: _____

As an authorized agent of Provider, I attest that the above statements are true and correct.

³ For facilities that have added new renewable capacity, please indicate the amount and operational date of the new capacity and the existing capacity.

⁴ Provider may only indicate 'Yes' if Provider has a contract with Green-e Energy to sell RECs/renewable energy wholesale as Green-e Energy certified, the MWh listed in each row of this table are sold to Purchaser as Green-e Energy certified, and the MWh listed will undergo Green-e Energy Annual Verification.

NP

Steve McDougal

Signature

04/01/2016

Date

San Francisco, CA
Place of Execution

This Attestation form is used by the Center for Resource Solutions to verify the accuracy of claims made by Participant renewable energy providers. The information on this form is held strictly confidential and will not be shared with any other party except in aggregate form.

EMPIRE

2015 RES REPORT

ATTACHMENT 8

SOLAR CUSTOMER NET GENERATION

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

Entry	Customer #	Agg Group	Rate	Type*	Operational Date	Rebate End Date	Power (kW)	TOTAL	
								SRECS 2015	ZIP CODE
99		1	RG	PV	6/30/2015	6/30/2025	16.47	11640.9754	
71		1	RG	PV	6/19/2015	6/19/2025	10.71	8157.63743	
100		1	RG	PV	6/30/2015	6/30/2025	9.76	6892.512	
122		1	RG	PV	8/27/2015	8/27/2025	4.88	2019.45419	
65		1	CB	PV	6/12/2015	6/12/2025	26.78	21243.7647	
97		1	RG	PV	6/30/2015	6/30/2025	27.29	19290.4495	
58		1	RG	PV	6/4/2015	6/4/2025	6.50	5399.81	
63		1	RG	PV	6/11/2015	6/11/2025	10.75	8570.0075	
124		1	RG	PV	9/3/2015	9/3/2025	5.46	2077.9668	
117		1	RG	PV	8/21/2015	8/21/2025	6.63	2941.77377	
96		1	RG	PV	6/30/2015	6/30/2025	16.32	11570.7848	
73		1	RG	PV	6/22/2015	6/22/2025	3.65	2723.96014	
80		1	RG	PV	6/25/2015	6/25/2025	9.76	7134.05573	
68		1	RG	PV	6/17/2015	6/17/2025	7.50	5763.525	
62		1	RG	PV	6/11/2015	6/11/2025	11.50	9177.09583	
281		1	TEB	PV	12/23/2015	12/23/2025	25.25	510.111871	
279		1	TEB	PV	12/22/2015	12/22/2025	25.25	573.875855	
84		1	RG	PV	6/26/2015	6/26/2025	5.50	4004.84792	
106		1	RG	PV	7/24/2015	7/24/2025	15.50	9067.6	
74		1	RG	PV	6/22/2015	6/22/2025	10.00	7473.14167	
105		1	RG	PV	7/20/2015	7/20/2025	10.20	6148.28306	
115		1	RG	PV	8/20/2015	8/20/2025	8.67	3870.32529	
118		1	LP	PV	8/25/2015	8/25/2025	25.50	10806.4887	
66		1	RG	PV	6/15/2015	6/15/2025	14.79	11507.3595	
72		1	RG	PV	6/19/2015	6/19/2025	9.69	7353.6441	
214		1	TEB	PV	11/23/2015	11/23/2025	25.22	2477.1084	
78		1	CB	PV	6/24/2015	6/24/2025	6.63	4879.26839	
230		1	TEB	PV	11/30/2015	11/30/2025	49.98	3943.422	
114		1	RG	PV	8/20/2015	8/20/2025	13.01	5835.17569	
83		1	RG	PV	6/26/2015	6/26/2025	7.28	5300.96233	
98		1	RG	PV	6/30/2015	6/30/2025	11.44	8088.06093	
282		1	TEB	PV	12/23/2015	12/23/2025	25.25	510.111871	
111		1	RG	PV	8/10/2015	8/10/2025	14.28	7118.48787	
103		1	RG	PV	7/14/2015	7/14/2025	6.10	3870.98129	
92		1	RG	PV	6/29/2015	6/29/2025	12.50	8898.60156	
116		1	RG	PV	8/21/2015	8/21/2025	9.69	4299.51552	
160		1	RG	PV	10/20/2015	10/20/2025	6.50	1311.34355	
85		1	RG	PV	6/26/2015	6/26/2025	8.16	5941.738	
77		1	RG	PV	6/23/2015	6/23/2025	7.40	5477.68294	
113		1	RG	PV	8/20/2015	8/20/2025	15.30	6864.91258	
283		1	TEB	PV	12/23/2015	12/23/2025	25.25	510.111871	
90		1	RG	PV	6/26/2015	6/26/2025	12.00	8737.85	
89		1	RG	PV	6/26/2015	6/26/2025	13.20	9611.635	
149		1	GP	PV	10/5/2015	10/5/2025	37.23	9503.37784	
64		1	RG	PV	6/12/2015	6/12/2025	9.76	7761.29027	
112		1	RG	PV	8/11/2015	8/11/2025	9.36	4619.28077	
86		1	RG	PV	6/26/2015	6/26/2025	7.54	5490.28242	
69		1	RG	PV	6/18/2015	6/18/2025	9.50	7262.54417	
137		1	RG	PV	9/22/2015	9/22/2025	17.09	5223.2262	
61		1	RG	PV	6/9/2015	6/9/2025	4.73	3813.02578	
67		1	RG	PV	6/16/2015	6/16/2025	6.00	4639.56	
82		1	RG	PV	6/26/2015	6/26/2025	10.92	7951.4435	
102		1	RG	PV	7/9/2015	7/9/2025	16.58	10891.5149	
60		1	RG	PV	6/9/2015	6/9/2025	8.00	6460.70667	
57		1	RG	PV	6/2/2015	6/2/2025	10.50	8831.7425	
95		1	RG	PV	6/30/2015	6/30/2025	18.30	12974.5933	
119		1	SH	PV	8/25/2015	8/25/2025	26.78	11263.4652	
101		1	RG	PV	7/6/2015	7/6/2025	33.80	22789.7045	
76		1	RG	PV	6/23/2015	6/23/2025	8.00	5940.19333	
75		1	RG	PV	6/22/2015	6/22/2025	16.25	12114.7743	
91		1	RG	PV	6/26/2015	6/26/2025	14.64	10628.0361	

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70	1	RG	PV	6/18/2015	6/18/2025	12.75	9738.19234
87	1	RG	PV	6/26/2015	6/26/2025	10.71	7798.53113
107	1	RG	PV	7/30/2015	7/30/2025	6.24	3464.81032
81	1	RG	PV	6/25/2015	6/25/2025	7.80	5699.84025
93	1	GP	PV	6/29/2015	6/29/2025	25.00	17774.75
94	1	TEB	PV	6/29/2015	6/29/2025	25.00	17769.7604
59	1	RG	PV	6/5/2015	6/5/2025	3.76	3116.07807
104	1	RG	PV	7/16/2015	7/16/2025	4.68	2923.46013
79	1	RG	PV	6/24/2015	6/24/2025	7.28	5350.3632
88	1	RG	PV	6/26/2015	6/26/2025	10.71	7798.53113
138	1	TEB	PV	9/22/2015	9/22/2025	25.22	7710.2584
188	2	RG	PV	11/9/2015	11/9/2025	14.54	1989.2601
266	2	RG	PV	12/18/2015	12/18/2025	9.69	318.175839
175	2	RG	PV	10/29/2015	10/29/2025	5.10	865.140968
165	2	RG	PV	10/22/2015	10/22/2025	16.50	3211.05968
200	2	RG	PV	11/18/2015	11/18/2025	10.20	1142.604
215	2	RG	PV	11/24/2015	11/24/2025	9.18	876.3228
231	2	CB	PV	12/1/2015	12/1/2025	25.76	1951.56435
233	2	RG	PV	12/2/2015	12/2/2025	14.28	1045.98697
202	2	RG	PV	11/18/2015	11/18/2025	14.79	1656.7758
209	2	RG	PV	11/20/2015	11/20/2025	6.38	678.9375
56	2	RG	PV	5/27/2015	5/27/2025	50.00	42585
178	2	RG	PV	11/3/2015	11/3/2025	10.40	1595.568
128	2	RG	PV	9/9/2015	9/9/2025	17.08	6096.5352
166	2	RG	PV	10/22/2015	10/22/2025	11.22	2183.52058
152	2	RG	PV	10/12/2015	10/12/2025	10.71	2466.37481
121	2	RG	PV	8/26/2015	8/26/2025	9.95	4164.99808
108	2	RG	PV	7/30/2015	7/30/2025	12.24	6796.35871
223	2	RG	PV	11/25/2015	11/25/2025	16.07	1489.2255
181	2	RG	PV	11/6/2015	11/6/2025	4.59	666.1926
170	2	RG	PV	10/26/2015	10/26/2025	13.01	2345.30492
167	2	RG	PV	10/23/2015	10/23/2025	6.50	1241.77258
134	2	RG	PV	9/18/2015	9/18/2025	12.24	3934.9152
177	2	RG	PV	10/30/2015	10/30/2025	8.16	1355.11277
275	2	RG	PV	12/22/2015	12/22/2025	11.99	272.446113
162	2	RG	PV	10/21/2015	10/21/2025	6.89	1364.45153
183	2	RG	PV	11/6/2015	11/6/2025	20.15	2923.8453
240	2	RG	PV	12/7/2015	12/7/2025	15.40	933.538065
130	2	RG	PV	9/14/2015	9/14/2025	15.30	5134.6545
189	2	RG	PV	11/10/2015	11/10/2025	8.67	1162.647
216	2	RG	PV	11/24/2015	11/24/2025	6.12	584.2152
176	2	RG	PV	10/29/2015	10/29/2025	5.87	994.912113
191	2	RG	PV	11/10/2015	11/10/2025	10.71	1436.211
173	2	RG	PV	10/27/2015	10/27/2025	10.46	1834.15269
220	2	RG	PV	11/25/2015	11/25/2025	10.46	969.1785
219	2	RG	PV	11/25/2015	11/25/2025	10.20	945.54
194	2	RG	PV	11/12/2015	11/12/2025	9.95	1278.7281
218	2	RG	PV	11/25/2015	11/25/2025	5.10	472.77
131	2	RG	PV	9/15/2015	9/15/2025	2.16	719.928
187	2	RG	PV	11/6/2015	11/6/2025	11.99	1739.5029
169	2	RG	PV	10/23/2015	10/23/2025	14.54	2776.79453
143	2	RG	PV	9/30/2015	9/30/2025	13.77	3775.734
142	2	RG	PV	9/30/2015	9/30/2025	11.48	3146.445
127	2	RG	PV	9/9/2015	9/9/2025	5.36	1911.4137
269	2	RG	PV	12/18/2015	12/18/2025	11.48	376.787177
109	2	RG	PV	8/3/2015	8/3/2025	7.65	4080.18919
146	2	RG	PV	10/1/2015	10/1/2025	9.36	2522.82194
196	2	RG	PV	11/13/2015	11/13/2025	11.22	1411.7004
129	2	RG	PV	9/9/2015	9/9/2025	7.14	2548.5516
150	2	RG	PV	10/7/2015	10/7/2025	10.71	2657.42739
140	2	RG	PV	9/25/2015	9/25/2025	4.50	1322.55
159	2	RG	PV	10/19/2015	10/19/2025	16.07	3298.35179

526.8998

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164	2	RG	PV	10/22/2015	10/22/2025	6.76	1315.56142
204	2	RG	PV	11/18/2015	11/18/2025	14.79	1656.7758
133	2	RG	PV	9/18/2015	9/18/2025	12.24	3934.9152
199	2	RG	PV	11/16/2015	11/16/2025	14.28	1678.4712
179	2	RG	PV	11/4/2015	11/4/2025	6.60	994.356
126	2	RG	PV	9/4/2015	9/4/2025	7.50	2824.8
136	2	RG	PV	9/21/2015	9/21/2025	16.07	4974.6879
139	2	RG	PV	9/25/2015	9/25/2025	6.12	1798.668
135	2	RG	PV	9/18/2015	9/18/2025	11.48	3688.983
248	2	RG	PV	12/11/2015	12/11/2025	8.42	425.093226
145	2	RG	PV	9/30/2015	9/30/2025	14.30	3921.06
232	2	RG	PV	12/2/2015	12/2/2025	5.10	373.566774
192	2	RG	PV	11/12/2015	11/12/2025	8.42	1082.0007
208	2	RG	PV	11/19/2015	11/19/2025	7.40	807.9777
123	2	RG	PV	8/31/2015	8/31/2025	8.00	3151.2
193	2	RG	PV	11/12/2015	11/12/2025	9.69	1245.9402
144	2	RG	PV	9/30/2015	9/30/2025	8.06	2210.052
132	2	RG	PV	9/16/2015	9/16/2025	8.16	2687.5776
195	2	RG	PV	11/13/2015	11/13/2025	5.60	704.592
163	2	RG	PV	10/21/2015	10/21/2025	12.75	2526.7621
201	2	RG	PV	11/18/2015	11/18/2025	5.10	571.302
151	2	RG	PV	10/7/2015	10/7/2025	12.24	3037.05987
246	2	RG	PV	12/10/2015	12/10/2025	30.60	1623.08323
228	1	RG	PV	11/30/2015	11/30/2025	14.03	1106.5725
244	2	RG	PV	12/9/2015	12/9/2025	15.30	850.18645
182	2	RG	PV	11/6/2015	11/6/2025	14.04	2037.7656
253	2	RG	PV	12/15/2015	12/15/2025	26.27	1061.4449
120	2	RG	PV	8/26/2015	8/26/2025	13.52	5660.1256
207	2	RG	PV	11/19/2015	11/19/2025	5.36	585.0873
180	2	RG	PV	11/5/2015	11/5/2025	7.65	1118.67863
264	2	RG	PV	12/18/2015	12/18/2025	9.18	301.429742
247	2	RG	PV	12/11/2015	12/11/2025	25.25	1275.27968
125	2	CB	PV	9/3/2015	9/3/2025	16.83	6405.1614
168	2	RG	PV	10/23/2015	10/23/2025	9.92	1895.136
							212783.55
225	3	RG	PV	11/30/2015	11/30/2025	7.91	623.7045
172	3	RG	PV	10/27/2015	10/27/2025	18.36	3245.51497
278	3	RG	PV	12/22/2015	12/22/2025	18.20	413.727097
197	3	RG	PV	11/13/2015	11/13/2025	11.22	1411.7004
206	3	RG	PV	11/18/2015	11/18/2025	16.58	1856.7315
267	3	RG	PV	12/18/2015	12/18/2025	10.20	334.921935
265	3	RG	PV	12/18/2015	12/18/2025	8.67	284.683645
186	3	RG	PV	11/6/2015	11/6/2025	4.58	664.45092
273	3	RG	PV	12/22/2015	12/22/2025	5.10	115.934516
184	3	RG	PV	11/6/2015	11/6/2025	4.48	650.2272
213	3	RG	PV	11/23/2015	11/23/2025	11.50	1129.53
224	3	RG	PV	11/25/2015	11/25/2025	19.38	1796.526
198	3	RG	PV	11/16/2015	11/16/2025	4.48	526.5792
284	3	RG	PV	12/23/2015	12/23/2025	27.54	556.485677
217	3	RG	PV	11/25/2015	11/25/2025	5.10	472.77
241	3	RG	PV	12/8/2015	12/8/2025	9.18	533.298774
226	3	RG	PV	11/30/2015	11/30/2025	10.97	865.1385
270	3	RG	PV	12/18/2015	12/18/2025	12.50	410.279371
212	3	RG	PV	11/23/2015	11/23/2025	5.10	500.922
190	3	RG	PV	11/10/2015	11/10/2025	6.00	804.6
276	3	RG	PV	12/22/2015	12/22/2025	11.70	265.967419
243	3	RG	PV	12/9/2015	12/9/2025	15.30	850.186452
158	3	RG	PV	10/13/2015	10/13/2025	7.50	1700.39516
259	3	RG	PV	12/17/2015	12/17/2025	10.20	360.685161
274	3	RG	PV	12/22/2015	12/22/2025	10.20	231.869032
254	3	RG	PV	12/16/2015	12/16/2025	8.00	303.096774
141	3	RG	PV	9/29/2015	9/29/2025	7.80	2169.492
239	3	RG	PV	12/7/2015	12/7/2025	9.44	571.943613

212.7835

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245	3	RG	PV	12/10/2015	12/10/2025	17.08	905.956258
227	3	RG	PV	11/30/2015	11/30/2025	11.99	945.6165
234	3	RG	PV	12/3/2015	12/3/2025	6.50	459.696774
185	3	RG	PV	11/6/2015	11/6/2025	4.48	650.2272
268	3	RG	PV	12/18/2015	12/18/2025	11.22	368.414129
237	3	RG	PV	12/4/2015	12/4/2025	7.28	496.472516
262	3	RG	PV	12/18/2015	12/18/2025	4.08	133.968774
287	3	CB	PV	12/29/2015	12/29/2025	54.90	277.333548
257	3	RG	PV	12/17/2015	12/17/2025	5.61	198.376839
286	3	RG	PV	12/29/2015	12/29/2025	17.67	89.262
271	3	RG	PV	12/21/2015	12/21/2025	13.26	334.921935
211	3	RG	PV	11/20/2015	11/20/2025	13.52	1439.3475
255	3	RG	PV	12/17/2015	12/17/2025	31.62	1118.124
229	3	RG	PV	11/30/2015	11/30/2025	16.80	1325.52
251	3	RG	PV	12/14/2015	12/14/2025	6.12	262.784903
261	3	CB	PV	12/17/2015	12/17/2025	12.00	424.335484
238	3	RG	PV	12/7/2015	12/7/2025	7.80	472.830968
249	3	CB	PV	12/11/2015	12/11/2025	18.30	924.445161
258	3	RG	PV	12/17/2015	12/17/2025	10.20	360.685161
171	3	RG	PV	10/27/2015	10/27/2025	11.22	1983.37026
235	3	RG	PV	12/3/2015	12/3/2025	8.32	588.411871
203	3	RG	PV	11/18/2015	11/18/2025	13.44	1505.5488
148	3	RG	PV	10/2/2015	10/2/2025	9.18	2441.55426
210	3	RG	PV	11/20/2015	11/20/2025	12.74	1356.81
174	3	RG	PV	10/28/2015	10/28/2025	9.69	1678.33926
252	3	CB	PV	12/15/2015	12/15/2025	7.84	316.837161
280	3	RG	PV	12/23/2015	12/23/2025	3.92	79.2092903
263	3	RG	PV	12/18/2015	12/18/2025	5.10	167.460968
221	3	RG	PV	11/25/2015	11/25/2025	11.20	1038.24
242	3	RG	PV	12/9/2015	12/9/2025	8.93	495.942097
272	3	RG	PV	12/22/2015	12/22/2025	8.00	181.858065
277	3	RG	PV	12/22/2015	12/22/2025	14.00	318.251613
161	3	RG	PV	10/20/2015	10/20/2025	6.12	1234.68039
250	3	RG	PV	12/11/2015	12/11/2025	24.64	1244.71742
147	3	RG	PV	10/1/2015	10/1/2025	16.00	4312.51613
236	3	RG	PV	12/3/2015	12/3/2025	8.93	631.199032
222	3	RG	PV	11/25/2015	11/25/2025	15.05	1394.6715
260	3	RG	PV	12/17/2015	12/17/2025	9.98	352.728871
285	3	RG	PV	12/29/2015	12/29/2025	4.56	23.0353548
153	3	RG	PV	10/12/2015	10/12/2025	13.92	3205.59639
154	3	RG	PV	10/12/2015	10/12/2025	10.26	2362.74561
155	3	CB	PV	10/12/2015	10/12/2025	8.12	1869.93123
156	3	RG	PV	10/12/2015	10/12/2025	20.88	4808.39458
157	3	CB	PV	10/12/2015	10/12/2025	4.64	1068.53213
205	3	RG	PV	11/18/2015	11/18/2025	16.07	1799.6013

TOTAL GROUP 3 2015 SRECS

71.29987

TOTAL 2015 SRECS

810.9832

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ATTACHMENT 8 SUPPLEMENT

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 23

Canceling P.S.C. Mo. No. Sec. Sheet No.

For ALL TERRITORY

SOLAR REBATE RIDER RIDER SR

PURPOSE:

The purpose of this Rider SR is to implement the solar rebate established through §393.1030 RSMo. and to establish the terms, conditions and procedures, consistent with applicable law and MoPSC orders and rules, which the Company will rely on in accepting rebate applications, authorizing rebate payments to eligible participants for a qualifying solar electric system ("System"), and the handling of solar renewable energy credits ("SRECs") associated with the new or expanded System.

AVAILABILITY:

Subject to the Retail Rate Impact limitations set forth in 4 CSR 240-20.100(5) and §393.1030 RSMo., all Missouri retail electric customers of the Company who install, own, operate and maintain a solar electric generation system in parallel with the Company's service in accordance with the following limitations and conditions are eligible for the solar rebate:

- 1. The customer must have a completed and approved Net Metering Application and Agreement on file with the Company in accordance with the Company's Net Metering Rider, Rider NM.
2. The customer must be an active account on the Company's system and in good payment standing.
3. The System must be permanently installed on the customer's premise.
4. The customer must declare the installed 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.
5. The solar modules and inverters shall be new equipment and include a manufacturer's warranty of ten (10) years.
6. No retail electric account will be eligible for a solar rebate for more than twenty-five kilowatts (25 kW) of new or expanded new capacity irrespective of the number of meters/service points associated with the account holder.
7. The System shall meet all requirements of 4 CSR 240-20.065 and the Company's Net Metering Rider, Rider NM.
8. The System must be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the System.
9. The customer must execute an affidavit for Company's use in complying with §393.1030 RSMo. The affidavit can be obtained from Company's website www.empiredistrict.com.
10. The system or expansion of an existing system must become operational after December 31, 2009, and must become operational on or before June 30, 2020.

DATE OF ISSUE May 5, 2015 ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE May 16, 2015 June 4, 2015

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 23b
 Canceling P.S.C. Mo. No. _____ Sec. _____ Sheet No. _____
 For ALL TERRITORY

SOLAR REBATE RIDER
 RIDER SR

SOLAR REBATE APPLICATION:

For the customer's convenience, the Solar Rebate Application is located in two (2) places: Section H. and Section I. of an "INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF ONE HUNDRED KILOWATTS (100 kW) OR LESS", an integral part of the Company's Net Metering Rider, Rider NM; and Section A. and Section B. of the "MISSOURI SOLAR ELECTRIC REBATE APPLICATION", an integral part of the Company's Solar Rebate Rider, Rider SR – both of which can be obtained from the Company's website www.empiredistrict.com.

SYSTEM:

Qualifying solar electric system.

REBATE RATE SCHEDULE:

Subject to the Availability provisions of this Rider SR, complete and accurate Solar Rebate Applications received by the Company or postmarked on or before December 31st of any year, and for which the System becomes operational on or before June 30th of the following year, will be eligible for a solar rebate according to the following schedule:

Application Received on or before December 31 st of the Year	Operation Status Achieved on or before June 30 th of the Year	Rebate Rate per Watt
2015	2014	\$2.00
2015	2015	\$1.50
2015	2016	\$1.00
2016-2018	2017-2019	\$0.50
2019	2020	\$0.25

If a customer has satisfied all of the System Completion Requirements by June 30th of an indicated year, but the Company is not able to complete all of the Company's steps needed to establish an Operational Date on or before June 30th, the Rebate Rate will be determined as though the Operational Date was June 30th. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before June 30th of the indicated year, the Rebate Rate will be determined based on the Operational Date.

RESERVATION QUEUE:

The Company will establish a Reservation Queue for solar rebate payments based on the System Qualification Dates. A customer, and their developer (if applicable), whose Net Metering Application and Solar Rebate Application are conditionally approved pending field commissioning safety test will be notified in writing, by letter or email, that either:

DATE OF ISSUE May 5, 2015 DATE EFFECTIVE May 16, 2015
 ISSUED BY Kelly S. Walters, Vice President, Joplin, MO June 4, 2015

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 23d
Canceling P.S.C. Mo. No. _____ Sec. _____ Sheet No. _____
For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

If a customer has satisfied all of the Completion Requirements but the Company is not able to complete all of the Company's steps needed to establish an Operational Date by the expiration of the Rebate Commitment, the Rebate Rate will be determined as though the Operational Date was achieved prior to the expiration. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before the expiration date, then the Rebate Commitment will expire and no payment will be made.

REBATE PAYMENT:

The amount of the rebate will be the combined direct current (DC) rating of the solar module(s) in watts as indicated by the applicant by clearly identifying the specific model number on the manufacturer's specification sheet(s) for the new System or the current expansion of an existing System multiplied by the rebate rate as determined by the Rebate Rate Schedule Provisions of this Rider SR.

A rebate payment will not be issued until:

1. A complete and accurate Net Metering Application has been executed by the customer and the Company, and
2. A complete and accurate Solar Rebate Application has been accepted by the Company and a Rebate Commitment made by the Company, and
3. Customer has satisfied all Completion Requirements, and
4. The System is operational.

A current Empire Net Metering customer does not need to complete a new Net Metering Application in order to take advantage of this Rider SR.

Rebate payments will be made within the time frames set forth by applicable law and MoPSC orders and rules.

NOTE: Confirmation by the Company that the System was installed and operational does not constitute any warranty or guaranty of fitness for a particular use. The Company expressly disclaims all warranties and conditions of merchantability and fitness for a particular purpose in connection with the customer's solar electric system. The customer is solely responsible for determining the appropriateness of using a qualifying solar electric system, including but not limited to the risk of system operational errors, damage to or loss of property, and unavailability or interruption of System operations. The Company will not be liable for any direct damages or for any special, incidental, or indirect damages or for any economic consequential damages. The Company will not be liable for any damages claimed based on a third party claim.

DATE OF ISSUE May 5, 2015 DATE EFFECTIVE May 16, 2015
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO June 4, 2015

FILED
Missouri Public
Service Commission
ET-2015-0285; YE-2015-0322 *NP*

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 23f

Canceling P.S.C. Mo. No. _____ Sec. _____ Sheet No. _____

For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

MISSOURI SOLAR ELECTRIC REBATE APPLICATION

A. Solar Rebate (For Solar Installations only)

Solar Module Manufacturer: _____ Inverter Rating: _____ kW

Solar Module Model No: _____ Number of Modules/Panels: _____

Module Rating: _____ DC Watts System rating (sum of solar panels): _____ kW

Module Warranty: _____ years (circle on spec. sheet) Inverter Warranty: _____ years (circle on spec. sheet)

Location of modules: _____ Roof _____ Ground

Installation type: _____ Fixed _____ Ballast

System Installation Date: _____

Customer E-mail Address: _____

Customer Contact Phone Number: _____

Solar electric system must be permanently installed on the applicant's premises for a valid application.

Required documents to receive solar rebate (required to be attached for a valid application):

- Copies of detail receipts/invoices with purchase date circled
- Copies of detail spec. sheets on each component
- Copies of proof of warranty sheet (minimum of 10 year warranty)
- Photo(s) of completed system
- Completed Taxpayer Information Form (IRS Form W-9, Request for Taxpayer Identification Number and Certification)

MUST BE MAILED TO EMPIRE VIA U.S. POSTAL SERVICE, FEDEX OR UPS

DATE OF ISSUE May 5, 2015
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

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~~June 4, 2015~~

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 23h

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

Print Name of Applicant

Print Installer's Name

Applicant's Signature

Installer's Signature

If Applicant is a Business, Print Title/Authority of Person Signing on behalf of Applicant

Date

Date

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ATTACHMENT 8 SUPPLEMENT

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 23

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For ALL TERRITORY

SOLAR REBATE RIDER RIDER SR

PURPOSE:

The purpose of this Rider SR is to implement the solar rebate established through §393.1030 RSMo. and to establish the terms, conditions and procedures, consistent with applicable law and MoPSC orders and rules, which the Company will rely on in accepting rebate applications, authorizing rebate payments to eligible participants for a qualifying solar electric system ("System"), and the handling of solar renewable energy credits ("SRECs") associated with the new or expanded System.

AVAILABILITY:

Subject to the Retail Rate Impact limitations set forth in 4 CSR 240-20.100(5) and §393.1030 RSMo., all Missouri retail electric customers of the Company who install, own, operate and maintain a solar electric generation system in parallel with the Company's service in accordance with the following limitations and conditions are eligible for the solar rebate:

- 1. The customer must have a completed and approved Net Metering Application and Agreement on file with the Company in accordance with the Company's Net Metering Rider, Rider NM.
2. The customer must be an active account on the Company's system and in good payment standing.
3. The System must be permanently installed on the customer's premise.
4. The customer must declare the installed 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.
5. The solar modules and inverters shall be new equipment and include a manufacturer's warranty of ten (10) years.
6. No retail electric account will be eligible for a solar rebate for more than twenty-five kilowatts (25 kW) of new or expanded new capacity irrespective of the number of meters/service points associated with the account holder.
7. The System shall meet all requirements of 4 CSR 240-20.065 and the Company's Net Metering Rider, Rider NM.
8. The System must be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the System.
9. The customer must execute an affidavit for Company's use in complying with §393.1030 RSMo. The affidavit can be obtained from Company's website www.empiredistrict.com.
10. The system or expansion of an existing system must become operational after December 31, 2009, and must become operational on or before June 30, 2020.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

DEFINITIONS:

APPLICATION REQUIREMENTS:

All Net Metering Application and Solar Rebate Application information necessary to receive an approval from the Company. These applications are available on the Company's website www.empiredistrict.com and must be provided to the Company including, but not limited to, accurate account number, name and service address matching customer billing information, all of the Net Metering Application, all fields of Solar Rebate Application except the "System Installation Date," customer and developer signatures, System plans, specifications, warranties and wiring diagram.

COMPLETION REQUIREMENTS:

All System installation and final documentation requirements as defined on the Company's website www.empiredistrict.com provided to the Company including, but not limited to, the System installation date, all required signatures, approval of the local inspection authority having jurisdiction (if applicable), copies of detailed receipts and invoices, System photo(s), taxpayer information form (if applicable), and affidavit.

NET METERING APPLICATION:

Section A. through Section D. of an "INTERCONNECTION APPLICATION / AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF ONE HUNDRED KILOWATTS (100 kW) OR LESS", an integral part of the Company's Net Metering Rider, Rider NM, which can be obtained from the Company's website www.empiredistrict.com.

OPERATIONAL DATE:

The date that the Company installs a meter or meters capable of determining net energy consumption and permits parallel operation of the System with the Company's electrical distribution system in accordance with the Company's "Net Metering Rider, Rider NM" tariff.

QUALIFICATION DATE:

The date that determines a customer's relative position in the Reservation Queue.

REBATE COMMITMENT:

The Company's written communication to customer, by letter or email, confirming that solar rebate funding is available for a Solar Rebate Application submitted by customer.

RESERVATION QUEUE:

The list of all complete Net Metering Applications that have been received by the Company which have not expired and have not been paid a Solar Rebate.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

SOLAR REBATE APPLICATION:

For the customer's convenience, the Solar Rebate Application is located in two (2) places: Section H. and Section I. of an "INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF ONE HUNDRED KILOWATTS (100 kW) OR LESS", an integral part of the Company's Net Metering Rider, Rider NM; and Section A. and Section B. of the "MISSOURI SOLAR ELECTRIC REBATE APPLICATION", an integral part of the Company's Solar Rebate Rider, Rider SR – both of which can be obtained from the Company's website www.empiredistrict.com.

SYSTEM:

Qualifying solar electric system.

REBATE RATE SCHEDULE:

Subject to the Availability provisions of this Rider SR, complete and accurate Solar Rebate Applications received by the Company or postmarked on or before December 31st of any year, and for which the System becomes operational on or before June 30th of the following year, will be eligible for a solar rebate according to the following schedule:

Application Received on or before December 31 st of the Year	Operation Status Achieved on or before June 30 th of the Year	Rebate Rate per Watt
2015	2014	\$2.00
2015	2015	\$1.50
2015	2016	\$1.00
2016-2018	2017-2019	\$0.50
2019	2020	\$0.25

If a customer has satisfied all of the System Completion Requirements by June 30th of an indicated year, but the Company is not able to complete all of the Company's steps needed to establish an Operational Date on or before June 30th, the Rebate Rate will be determined as though the Operational Date was June 30th. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before June 30th of the indicated year, the Rebate Rate will be determined based on the Operational Date.

RESERVATION QUEUE:

The Company will establish a Reservation Queue for solar rebate payments based on the System Qualification Dates. A customer, and their developer (if applicable), whose Net Metering Application and Solar Rebate Application are conditionally approved pending field commissioning safety test will be notified in writing, by letter or email, that either:

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

1. Solar rebate funds have been committed for their System, subject to the Qualification Date not changing and the commitment not expiring; or
2. Solar rebate funds cannot be guaranteed for their System. The Company will use the following notice in this event:

"Empire cannot guarantee solar rebate funds for your System. Empire has filed its sixty-day notice of reaching its annual retail rate impact limit pursuant to Section 393.1030, RSMo. You may still receive a solar rebate if: a) the Public Service Commission determines that Empire has not yet met its annual retail rate impact limit; b) additional rebates become available due to other qualified solar systems dropping out of the reservation queue; or c) additional rebates become available at the start of the next calendar year."

At least monthly, the Company will notify in writing, by letter or email, those customers and their developers that did not receive a Rebate Commitment but for which a Rebate Commitment is now being made as a result of other Systems that have dropped out of the Reservation Queue. Details concerning the Reservation Queue are posted on the Company website www.empiredistrict.com. Applications will be processed within the time frames set forth by applicable law and MoPSC orders and rules.

QUALIFICATION DATE AND REBATE COMMITMENT:

The Qualification Date will be the postmarked date of the Net Metering Application and/or the Solar Rebate Application received by the Company that satisfy the Application Requirements and are subsequently approved by the Company.

The Company will only make a Rebate Commitment to a customer that has a Qualification Date and the customer, and their developer, will be notified in writing, by letter or email, of any deficiencies in the Application Requirements that will prevent a Rebate Commitment by the Company.

The Company's Rebate Commitment to a customer will expire if:

1. The System has not attained an Operational Date within six (6) months of the Rebate Commitment date and the Company has not granted a six (6) month extension of the Rebate Commitment based upon the customer's submission of a report of substantial progress requesting the extension which includes proof of purchase of the major System components, demonstration of partial System construction and building permit (if required), or
2. The System has not attained an Operational Date within twelve (12) months of the Rebate Commitment date, or
3. The System is not constructed in accordance with the design submitted by the customer and approved by the Company, thereby causing the Net Metering Application to become invalid

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

If a customer has satisfied all of the Completion Requirements but the Company is not able to complete all of the Company's steps needed to establish an Operational Date by the expiration of the Rebate Commitment, the Rebate Rate will be determined as though the Operational Date was achieved prior to the expiration. If it is subsequently determined that the customer or the System did not satisfy all Completion Requirements required of the customer on or before the expiration date, then the Rebate Commitment will expire and no payment will be made.

REBATE PAYMENT:

The amount of the rebate will be the combined direct current (DC) rating of the solar module(s) in watts as indicated by the applicant by clearly identifying the specific model number on the manufacturer's specification sheet(s) for the new System or the current expansion of an existing System multiplied by the rebate rate as determined by the Rebate Rate Schedule Provisions of this Rider SR.

A rebate payment will not be issued until:

1. A complete and accurate Net Metering Application has been executed by the customer and the Company, and
2. A complete and accurate Solar Rebate Application has been accepted by the Company and a Rebate Commitment made by the Company, and
3. Customer has satisfied all Completion Requirements, and
4. The System is operational.

A current Empire Net Metering customer does not need to complete a new Net Metering Application in order to take advantage of this Rider SR.

Rebate payments will be made within the time frames set forth by applicable law and MoPSC orders and rules.

NOTE: Confirmation by the Company that the System was installed and operational does not constitute any warranty or guaranty of fitness for a particular use. The Company expressly disclaims all warranties and conditions of merchantability and fitness for a particular purpose in connection with the customer's solar electric system. The customer is solely responsible for determining the appropriateness of using a qualifying solar electric system, including but not limited to the risk of system operational errors, damage to or loss of property, and unavailability or interruption of System operations. The Company will not be liable for any direct damages or for any special, incidental, or indirect damages or for any economic consequential damages. The Company will not be liable for any damages claimed based on a third party claim.

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For ALL TERRITORY

SOLAR REBATE RIDER RIDER SR

SOLAR RENEWABLE ENERGY CREDITS (SREC'S):

Customer shall transfer to the Company all right, title and interest in and to the solar renewable energy credits ("SRECs") associated with the new or expanded System that qualified customer for the solar rebate for a period of ten (10) years from the date the Customer receives its solar rebate.

SRECs produced by the System for which a rebate is received cannot be sold or promised for sale to any other party by customer or used by customer for any environmental or "green" program for a period of ten (10) years from the date the Customer receives its solar rebate.

The number of SRECs produced annually will be determined by the Company using PVWatts software developed by the U.S. Department of Energy (DOE) with the result rounded to the tenths digit.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

MISSOURI SOLAR ELECTRIC REBATE APPLICATION

A. Solar Rebate (For Solar Installations only)

Solar Module Manufacturer: _____ Inverter Rating: _____ kW

Solar Module Model No: _____ Number of Modules/Panels: _____

Module Rating: _____ DC Watts System rating (sum of solar panels): _____ kW

Module Warranty: _____ years (circle on spec. sheet) Inverter Warranty: _____ years (circle on spec. sheet)

Location of modules: _____ Roof _____ Ground

Installation type: _____ Fixed _____ Ballast

System Installation Date: _____

Customer E-mail Address: _____

Customer Contact Phone Number: _____

Solar electric system must be permanently installed on the applicant's premises for a valid application.

Required documents to receive solar rebate (required to be attached for a valid application):

- Copies of detail receipts/invoices with purchase date circled
- Copies of detail spec. sheets on each component
- Copies of proof of warranty sheet (minimum of 10 year warranty)
- Photo(s) of completed system
- Completed Taxpayer Information Form (IRS Form W-9, Request for Taxpayer Identification Number and Certification)

MUST BE MAILED TO EMPIRE VIA U.S. POSTAL SERVICE, FEDEX OR UPS

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

B. Solar Rebate Declaration (For Solar Installations only)

I understand that the complete terms and conditions of the solar rebate program are included in the Company's Rider SR – Solar Rebate tariff.

I understand that this program has limited budget, and that application will be accepted on a first-come, first-served basis, while funds are available. It is possible that I may be notified that I have been placed on a waiting list for the next year's rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from the Company.

I understand that the solar electric system must be permanently installed and remain in place on premises for the duration of its useful life – a minimum often (10) years, and the system shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system.

I understand the equipment must be new when installed, commercially available, and carry a minimum ten (10) year warranty.

I understand a rebate may be available from the Company on expanded or new solar electric systems that become operational after 12/31/2009. The applicable rebate rate and additional details and requirements can be found in the Company's Rider SR – Solar Rebate.

I understand the DC wattage rating provided by the original manufacturer and as noted in Section H will be used to determine the rebate amount.

I understand if my rebate is six hundred dollars (\$600) or more I will receive a Form 1099. (Please consult your tax advisor with any questions.)

I understand that as a condition of receiving a solar rebate, I am transferring to Company all right, title and interest in and to the solar renewable energy credits (SRECs) associated with the new or expanded System that qualified for the solar rebate and that **the SRECs cannot be sold or promised for sale to any other party or used by customer for any environmental or "green" program for a period of ten (10) years** from the date the I receive the solar rebate.

(NOTE: Confirmation by the Company that the System was installed and operational does not constitute any warranty or guaranty of fitness for a particular use. The Empire District Electric Company expressly disclaims any and all warranties or conditions of merchantability and fitness for a particular purpose in connection with the customer's solar electric system. The customer is solely responsible for determining the appropriateness of using a qualifying solar electric system, including but not limited to the risk of system operational errors, damage to or loss of property, and unavailability or interruption of System operations. The Empire District Electric Company will not be liable for any direct damages or for any special, incidental, or indirect damages or for any economic consequential damages. The Empire District Electric Company will not be liable for any damages claimed based on a third party claim.)

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For ALL TERRITORY

SOLAR REBATE RIDER
RIDER SR

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

Print Name of Applicant

Print Installer's Name

Applicant's Signature

Installer's Signature

If Applicant is a Business, Print Title/Authority of Person Signing on behalf of Applicant

Date

Date

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EMPIRE

2015 RES REPORT

ATTACHMENT 9

AFFIDAVIT OF COMPLIANCE

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

ATTACHMENT 9:
AFFIDAVIT OF COMPLIANCE WITH 2015 COMPLIANCE PLAN

STATE OF MISSOURI)
) ss
COUNTY OF JASPER)

On April 15, 2015, The Empire District Electric Company filed a Compliance Plan outlining our plan to comply with the Renewable Energy Standard for the years of 2015-2017.

In accordance with that document, EDE stated that the company would utilize the non-solar generation from contracts with Elk River Windfarm, Cloud County Windfarm, and generation from the Ozark Beach Hydroelectric facility owned by EDE. EDE retired 198,922 vintage 2014 and 2015 RECs from the Ozark Beach facility and the Elk River Windfarm order to meet the 2015 non-solar compliance requirements.

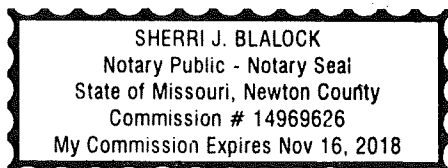
EDE stated the solar requirement would be met through customer-generated and/or purchased SRECs. EDE retired 4,060 SRECs from these sources

The 2016 RES Compliance Plan states that EDE will continue to utilize non-solar RECs generated by the Ozark Beach facility and the Elk River or Cloud County Windfarm if needed. EDE will utilize solar SRECs from customer-generated or purchase SRECs as needed for compliance.

The total costs for meeting the 2015 annual Missouri RES are as follows:

Resource	Cost	Resource	Cost
Ozark Beach Generation	-0-	Solar Purchased/Retired for 2015	\$7,027
NAR Administration	\$46,206	Solar Customer Generation Rebates	\$3,098,478
Elk River PPA, Compliance Portion	\$2,681,414		

On the 12th day of April, 2016, before me appeared Blake A. Mertens, to me personally known, who, being by me first duly sworn, states that he is Vice President -Energy Supply of The Empire District Electric Company and acknowledges that he has read the above and foregoing document and believes that the statements therein are true and correct to the best of his information, knowledge and belief.




Blake A. Mertens

NP

EMPIRE

2015 RES REPORT

ATTACHMENT 10

RETAIL RATE IMPACT CALCULATION

HIGHLY CONFIDENTIAL

NON-PROPRIETARY

2016 RES Filing

Empire requested that ABB perform modeling for their Electric Utility Renewable Energy Standard (RES) Requirements. The modeling included calculating the retail rate impact per section 5 of Missouri 4 CSR 240-20.100 (the "Rule").

Assumptions:

Rule 5 (B) 1 states that the non-renewable generation and purchase power portfolio shall be determined by adding, to the utility's existing generation and purchased power resource portfolio excluding all renewable resources, additional non-renewable resources sufficient to meet the utility's needs on a least-cost basis for the next ten (10) years. To achieve this portfolio, ABB removed the following renewables from the 2016 IRP resources; 1) Elk River and Meridian Way Wind – 36 MWs of Accredited Capacity and Ozark Beach Hydro – 16 MWs of Accredited Capacity. In addition, the impact of the residential and commercial solar additions that were removed from the load forecast by Itron were added back. To account for the loss of capacity, the 2029 Combined Cycle was brought on in 2026 in order to maintain a minimum capacity margin of 12%.

Rule 5 (B) 2 states that the RES-compliant portfolio shall be determined by adding to the utility's existing generation and purchased power resource portfolio an amount of least cost renewable resources sufficient to achieve the portfolio requirements set forth in section (2) of this rule and an amount of least-cost non-renewable resources, the combination of which is sufficient to meet the utility's needs for the next ten (10) years. ABB is using the preferred plan (Plan 5) from Empire's latest IRP filing. Plan 5 included renewable resources that meet the RES requirements set forth in section (2). As required by rule 5 (C), rebates made during each calendar year were also included in the cost of generation from renewable energy resources.

Rule 5 (B) 4 states that the assumptions regarding projected renewable energy resource additions will utilize the most recent electric utility resource planning analysis. Weighting of the greenhouse gas emissions, gas prices and market prices were applied to the 2016 IRP assumptions. Table 1 includes the expected value of costs associated with greenhouse gas emissions used in this analysis. Weighted market prices were developed in ABB's 2015 Spring Reference Case database with modifications that included: 1) Weighted Henry Hub gas prices shown in Figure 1 and a weighted carbon tax. Figure 2 includes market prices for the SPP-KSMO market area with the impact of a carbon tax beginning in 2022.

Figure 1 HH Gas Prices

Henry Hub

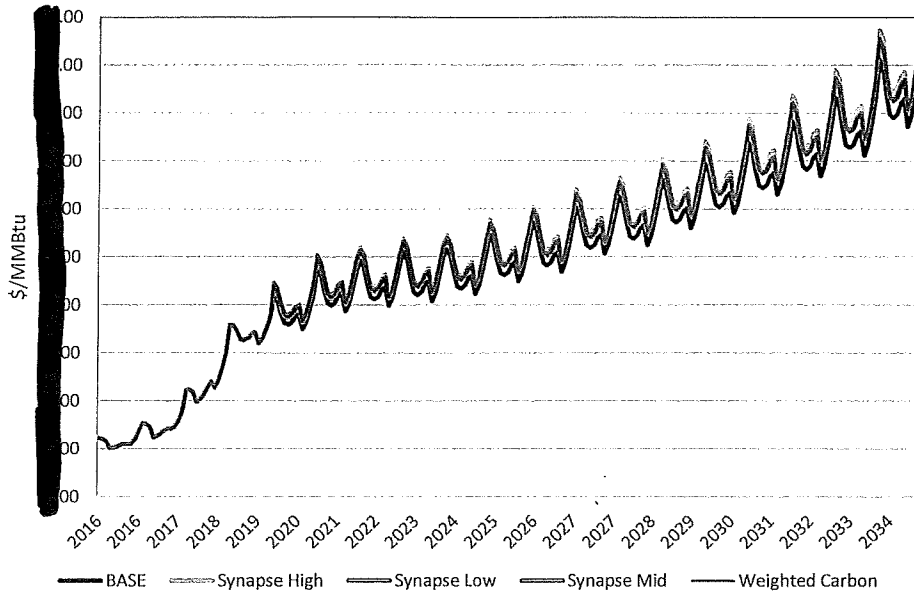


Table 1 Expected Value Carbon Tax

Year	10% No Carbon Cap	25% Synapse Low	50% Mid (based on EPA BB) Avg of Low & High	15% Synapse High	Expected Value
2022	-				
2023	-				
2024	-				
2025	-				
2026	-				
2027	-				
2028	-				
2029	-				
2030	-				
2031	-				
2032	-				
2033	-				
2034	-				

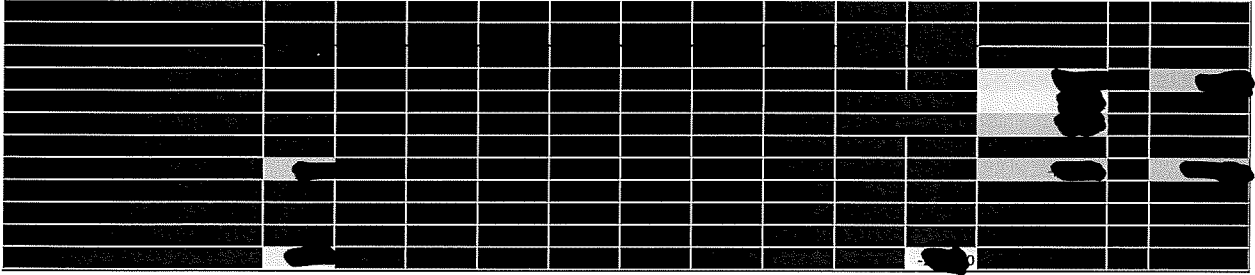
A large rectangular grid representing a table, completely obscured by black redaction marks. The grid consists of approximately 15 columns and 10 rows.

Table 5 2018-2027 RRI Calculation Period

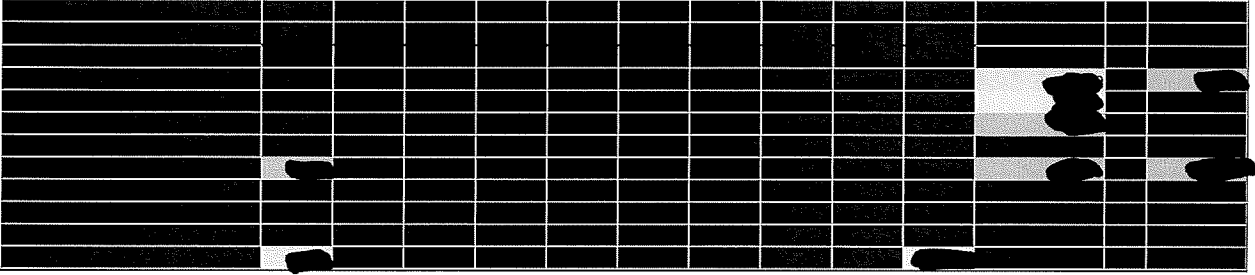
A large rectangular grid representing a table, completely obscured by black redaction marks. The grid consists of approximately 15 columns and 10 rows.

Table 6 2019-2028 RRI Calculation Period

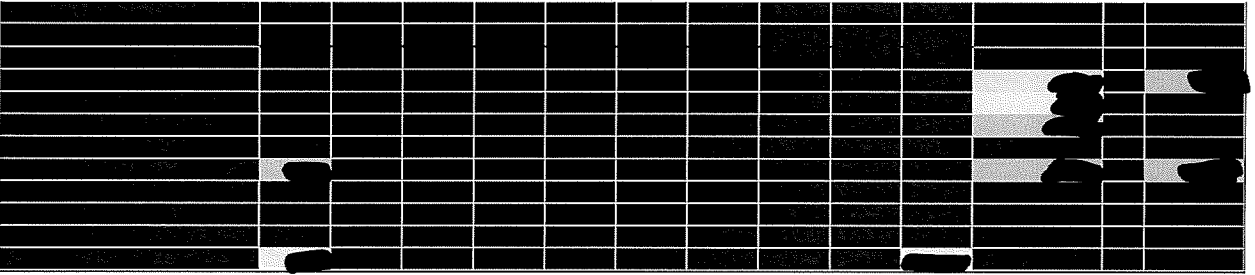
A large rectangular grid representing a table, completely obscured by black redaction marks. The grid consists of approximately 15 columns and 10 rows.

Table 7 2020-2029 RRI Calculation Period

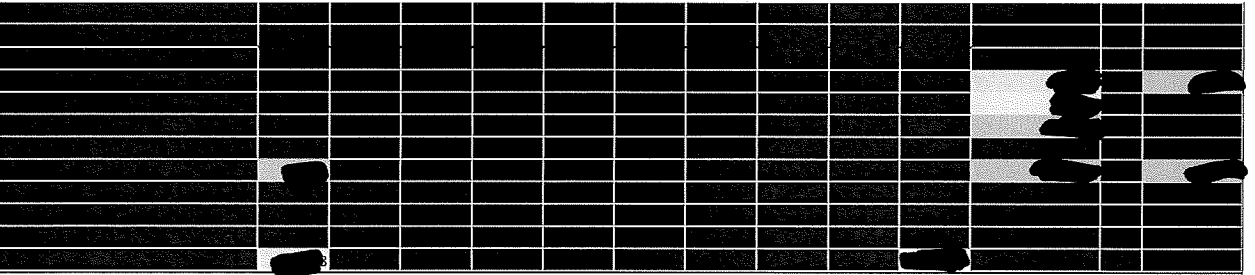
A large rectangular grid representing a table, completely obscured by black redaction marks. The grid consists of approximately 15 columns and 10 rows.

Table 8 2021-2030 RRI Calculation Period

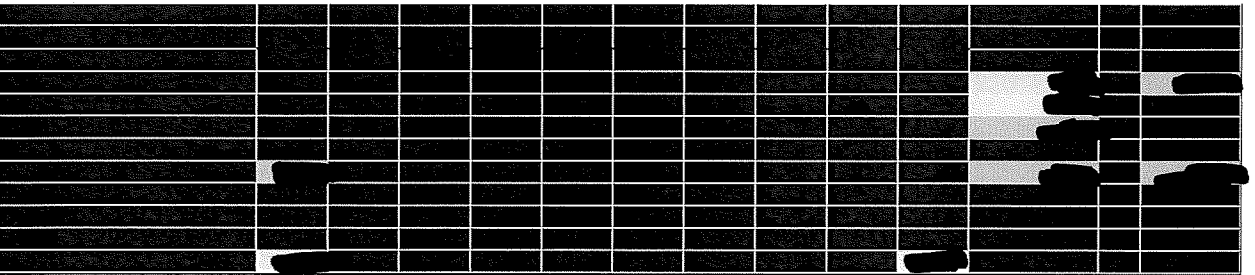
A large rectangular grid representing a table, completely obscured by black redaction marks. The grid consists of approximately 15 columns and 10 rows.

Table 9 2022-2031 RRI Calculation Period

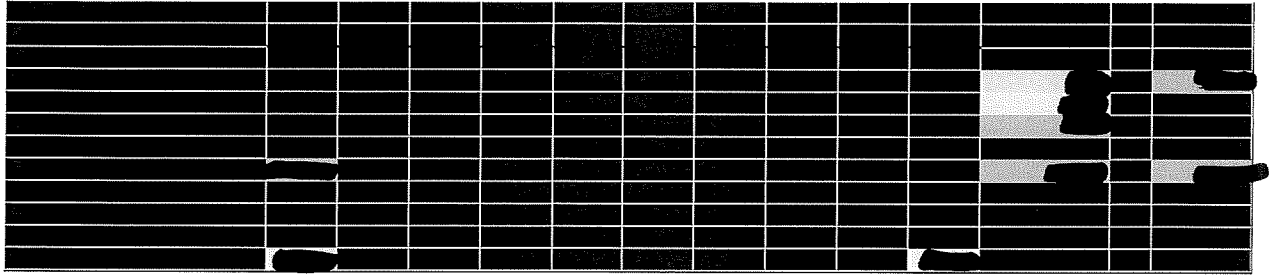
A grid table with approximately 15 columns and 10 rows. The content is almost entirely obscured by black redaction bars. Only a few cells in the rightmost columns are visible, showing some faint, illegible text.

Table 10 2023-2032 RRI Calculation Period

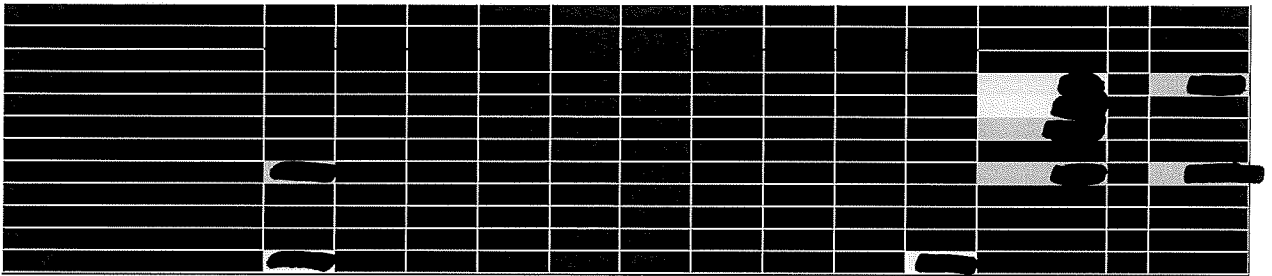
A grid table with approximately 15 columns and 10 rows. The content is almost entirely obscured by black redaction bars. Only a few cells in the rightmost columns are visible, showing some faint, illegible text.

Table 11 2024-2033 RRI Calculation Period

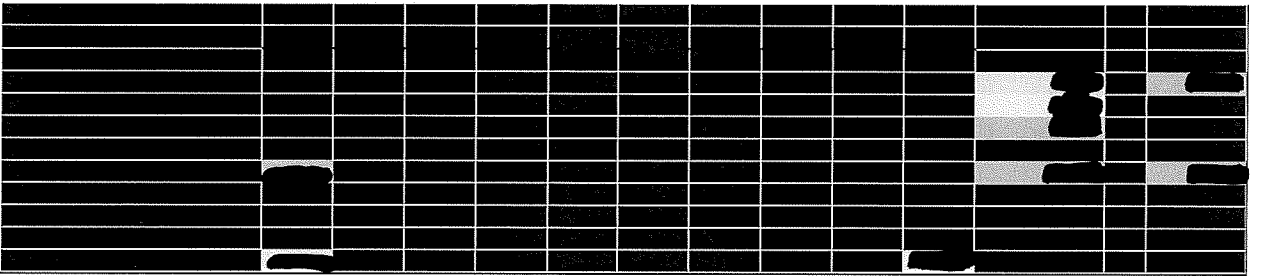
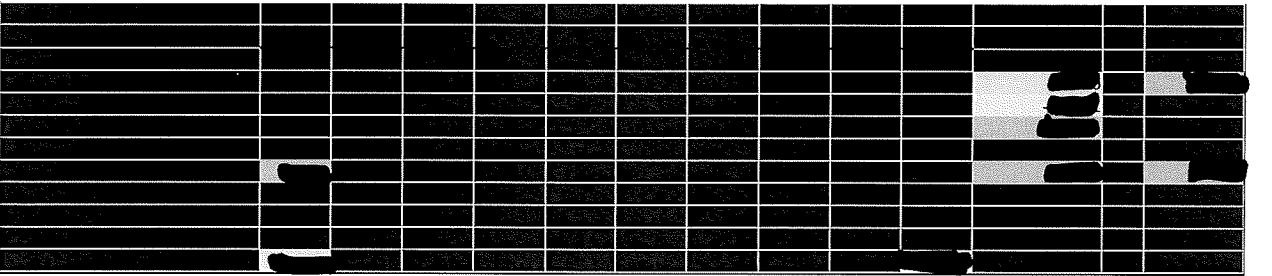
A grid table with approximately 15 columns and 10 rows. The content is almost entirely obscured by black redaction bars. Only a few cells in the rightmost columns are visible, showing some faint, illegible text.

Table 12 2025-2034 RRI Calculation Period

A grid table with approximately 15 columns and 10 rows. The content is almost entirely obscured by black redaction bars. Only a few cells in the rightmost columns are visible, showing some faint, illegible text.