

FILE

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**Case Number: 10-511-EL-ACP, 10-512-EL-WVR,  
10-513-EL-ACP**

**Date of Confidential Document:**

**April 15, 2011**

**Today's Date: 10/11/2011**

**Page Count: 1**

**Document Description**

**Spreadsheet**

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2011 OCT 11 PM 5:27

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10-511-EL-ACP

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Case # 10-513-EL-ACP

➤ Page Count 1

➤ Date Filed 4/15/10

➤ Filed by E. Watts on behalf of  
Duke Energy Ohio

❖ Summary of document:

2009 In-state Solar REC Procurement

## Duke Energy Ohio 2009 In-state Solar REC Procurement

### Key Points

Spoke with over 25 customers with solar installations.  
 Spoke with over 20 customers interested in installing solar resulting in no 2009 SRECs.  
 180th Air Guard opted not to sell its SRECs, nearly 800 in-state SRECs lost.  
 Nearly all early developing, grassroots solar arrays had inverters to measure output.  
 Rules were not first seen until April 15, 2009.  
 Rules were not clarified until October 2009.  
 Rules were not finalized until December 2009.

**Dec-08**  
 Using subscriptions to publications and applications such as SNL, Ventyx and Pira, DEO searched for online solar projects located in Ohio. There were none to be found.

**2009 Solar Capacity 0 kW**  
**2009 Solar RECs 0 SRECs**

DEO built a database of grassroots solar installations by using GEO solar tours. From these solar tours, DEO searched through property records on county websites and news articles on the installations to compile information on the projects including capacity, contact, financing and related links.

**# of Installations 82**  
**2009 Solar Capacity 1,571 kW**  
**2009 Solar RECs 2,048 SRECs**

\* Assumes 15% CF for Solar (GCWW prorated for partial year)

Duke Energy Foundation donated solar panels to 3 local businesses in Ohio. In return, Duke Energy owns the SRECs.

**2009 Solar Capacity 51.33 kW**  
**2009 Solar RECs 57 SRECs**

\* Using inverter readings

### Q1-Q2 2009

DEO began making calls to owners on the solar database. The 18 installations above 10kW were called until a decision was made. This process took place with little knowledge of the PUCO requirements.

Large Scale Commercial Installations

**# Installations 6**  
**Capacity 1,073 kW**  
**SRECs 1,415**

Small Scale Commercial Installations

**# Installations 12**  
**Capacity 276 kW**  
**SRECs 363**

Residential Installations

**# Installations 64**  
**Capacity 218 kW**  
**SRECs 287**

### Q3-Q4 2009

Followed up multiple times with each contact until reached yes/no.

Adam J. Lewis Center, Oberlin College (160 kW) - No return phone calls  
 Akron Metro (13.1 kW) - Won RFP  
 Jeffrey Place Condominiums (121 kW) - No return phone calls  
 Toledo Art Museum (101 kW) - Last RFP

TFC Energy (40 kW) - Won Contract  
 Great Lakes Science Center (31 kW) - No return phone calls

Mathews Insurance (16.4 kW) - Not interested  
 Preformed Line Products (14 kW) - Not interested  
 Meadow Springs Farm (11.65 kW) - Not interested  
 Ampex Metal Products (10 kW) - Not interested  
 Cincinnati Parks Office (10 kW) - Won Contract

Placed an ad seeking SRECs in GEO magazine. Posted a link to the ad on Duke Energy Ohio website.

Resulted in many phone calls and emails in response to the ad but almost entirely from developers or residences interested in installing SRECs. This resulted in a clearer view of 2010, but resulted in no 2009 SRECs.

### Jan-10

The results of months of multiple phone calls resulted in only 3 awarded contracts totalling an estimated 294 SRECs, of which 74 SRECs were not certified.

\* Assumes 15% CF for Solar

**WON SRECs**  
 Contracted Capacity Poor Performance (30) SRECs  
**Procured 264 SRECs**

**LOST SRECs**  
 SRECs 939 SRECs

SRECs 872 SRECs

\* Using inverter readings

**OWN SRECs**  
 SRECs 57 SRECs  
 Received 0 SRECs  
 Not Certified 57 SRECs

Worked with Duke Energy Foundation to procure SRECs from installations that received donations. Filed applications for all facilities with PUCO. All installations originally had inverters, but were retrofitted with utility grade meters upon final rule posting.