

Illinois Distributed Generation (DG) Procurement

Presented by the Illinois Solar Association and Carbon Solutions Group



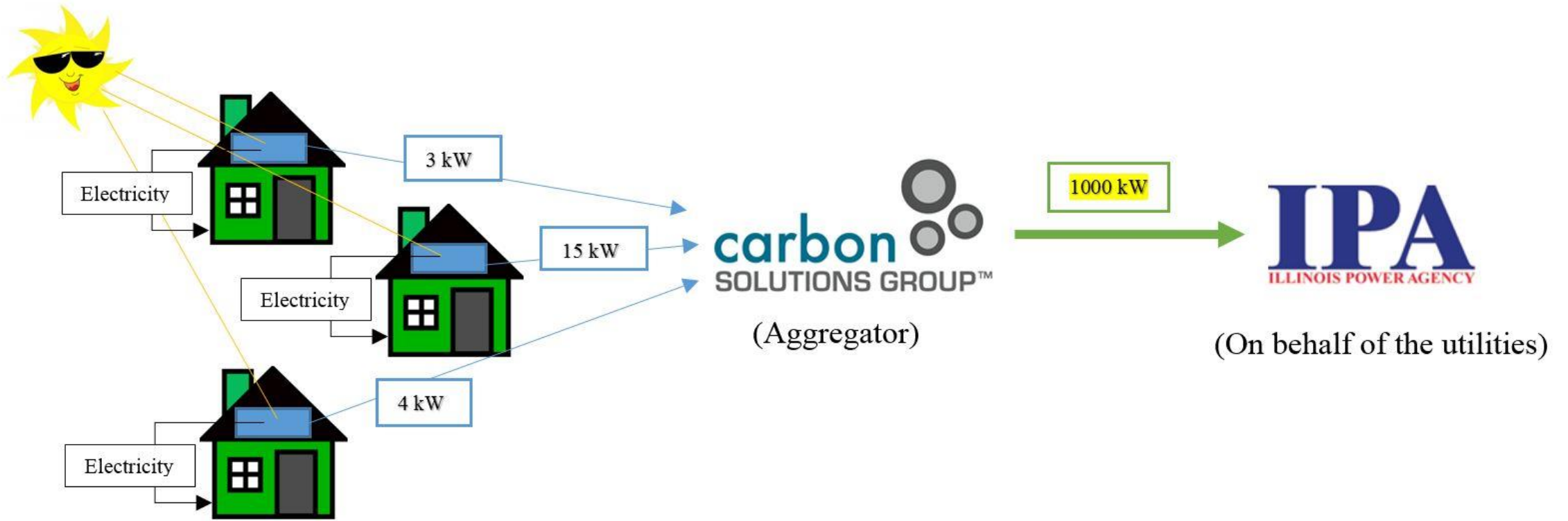
Illinois Procurements for 2015

- Supplemental PV Procurement
 - Two bid categories <25kW, 25kW-2MW
 - ONLY for systems energized after January 21st, 2015
 - Solar only
 - Multiple bid dates (June, November, March 2016, forth possible tbd)
- DG Procurement
 - Two bid categories <25kW, 25kW-2MW
 - Any energized date allowed
 - Solar PV, solar thermal, wind, biodiesel, crops and unadulterated organic waste biomass, tree waste, hydropower
 - Only one bid date (September)

DG Procurement

- Primarily for existing systems
- Only buying RECS
- IPA has target to buy 50% <25kW and 50% 25kW-2MW
- Run by IPA, but RECS will be purchased by ComEd and Ameren
- 5 Year procurement (June 2015-May 2020)
- Target is to buy ~19,000 RECS per year
- Confidential benchmarks (price ceiling)
- Aggregators must reach block of 1MW to participate

What is a REC?



How to enter your system into bid?

- Fill out system info form on CSG's website:
<http://srec.carbonsolutionsgroup.com/register-your-system-for-the-dg-procurement/>
- CSG will generate contract and send to you via e-mail
- Fill out, sign, and return contract to CSG
- CSG bids your system into procurement
- CSG notifies you of bid results
- Begin generating RECS and receiving payment

System Info Form

System Energized Date (or Projected Energized Date) *

Date system was energized for more than 24 hours continuously. If system has not yet been installed or energized fill in the projected energized date.)

Interconnection Date (only applicable to systems that are energized)

Date of interconnection approval from utility. If none leave blank.

Shading Impact

Example: none, some panels shaded in afternoon, 20% shade from 10 am to noon

System Info Form (Cont.)

Number of Modules *

Power Rating of Modules (Watts) *

Meter or Inverter Manufacturer

Current Meter/ Inverter Reading *

Tracking *

- No
- One Axis
- Two Axis

Orientation *

Example: South, SW, 180

Tilt *

Example: 15 degrees

Is Meter / Inverter data available online? *

- Yes
- No

Contract

- CSG will generate a contract based on your systems specs and e-mail it to system owner
- Payment form
- Access to inverter/meter data online
- Signature page
- Schedule A
- Customer Consent Form
- Documentation on system energized date

Additional System Documentation

- Need to provide one of the following documents:
 - Interconnection Agreement
 - Net metering application approval letter
 - Final system inspection confirmation
 - Permission to operate letter
 - Other relevant documentation clearly showing the date at which the system was energized or began operation
- May need to go back to interconnecting utility or solar installer for this info

Timeline

Date	Requirement or Event
September 16 th 2015	System Info Form filled out and submitted online (earlier the better)
As systems info is entered into system info form	Contracts generated and sent out (first contracts will be sent out next week)
September 30 th 2015	Signed Contracts Due back to CSG (earlier the better)
September 30 th 2015	Additional System Documentation Due
October 16 th 2015	CSG notifies systems of winning bids
February 29 th 2016	CSG makes first payment to system owners with existing systems (and sufficient production to deliver to IPA)
July 15 th 2016	All systems must have delivered at least one REC to remain eligible for procurement

Metering Requirements

- Systems up to 10kW
 - Must have meter or an inverter that is accurate to +/- 5%
 - Inverter must be UL-Certified and include digital or web-based output display
- Systems 10kW-25kW
 - Must use meter that meets ANSI C.12 standards (accurate to +/- 2%)
 - May use a refurbished meter
- Systems 25kW and above
 - Must use meter that meets ANSI C.12 standards (accurate to +/- 2%)
 - Must use a new meter (new at time of system installation)
- This is not the meter the 2 way meter used by your utility
- Contact your installer if you think a meter will be required. Prices will vary.
- More info: <http://www.illinois.gov/ipa/Documents/IPA-metering-accuracy-standard-5-14-15.pdf>

What generation is eligible?

- Only renewable energy production that took place after a system was registered with a tracking system can be used to generate RECS
- Procurement covers production from June 2015-May2020
- CSG will register your system with a tracking system
 - PJM GATS (PJM Generation Attribute Tracking System)
 - M-RETS (Midwest Renewable Energy Tracking System)
- Unfortunately production from before a system was registered will not be eligible to generate RECS for this procurement



How REC generation works

- CSG will enter system production into tracking system monthly
- Systems with online monitoring via inverter or meter
 - Link to online monitoring should be included in system info form
 - Provide CSG with username and password to access data on contract
 - CSG will lookup data and enter into tracking system
- Systems without online monitoring compatibilities
 - System will be given code to enter in our website
 - Enter in production through website monthly
 - Reminder e-mail will be sent
 - Link to website will be e-mailed after signed contracts have been received
 - Once a quarter a picture of inverter or meter needs to be uploaded or e-mailed to verify production

Payments

- CSG will pay system owner quarterly for duration of contract
 - Payment months: February, April, September, July
- Payment is based on the previous quarters production
- CSG offers 3 payment options
 - Check (Free)
 - Paypal (3% fee)
 - Wire transfer (only for systems over 150kW additional fees may apply)
- System owner selects their option in the contract payment form

REC Pricing

- Cannot publicly say our pricing due to confidentiality of bid will be included in individual contracts or e-mailed later
- CSG will set a price for under 25kW systems and over 25kW systems
- Dependent on the number of systems we receive in each category
- Confidential benchmarks set by IPA
- Waiting on bid selection information from IPA
- Numerous bidding fees and bonds required
- Will likely be less than Supplemental Procurement
- Will be higher than Pennsylvania
- Will be best opportunity for already energized systems in the state

Questions?

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