



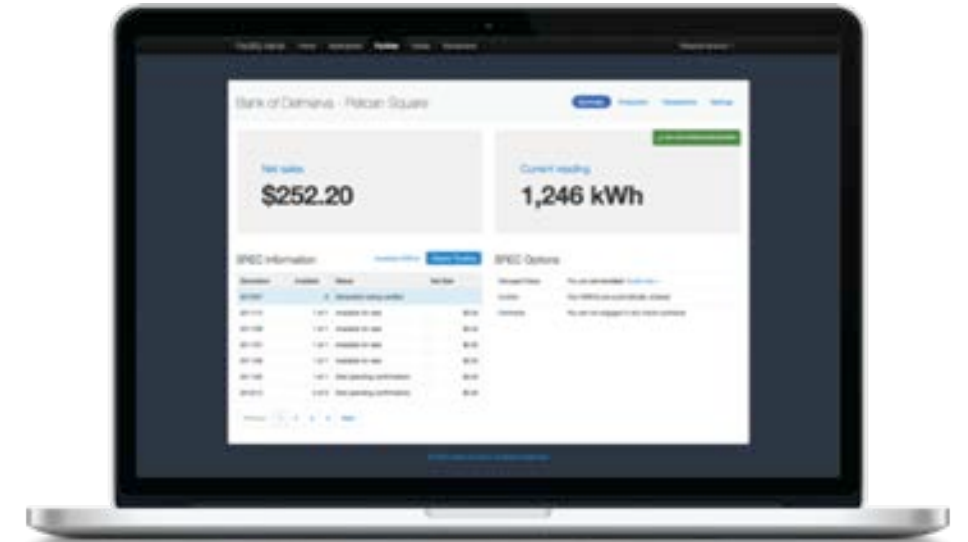
ILLINOIS DISTRIBUTED GENERATION PROCUREMENT PROGRAM

AUGUST 21, 2017

- Company Overview
- Program Overview
 - System Eligibility
 - Credit Requirements
 - Spring 2017 DG Procurement Results
- SRECTrade Application & Bidding Process
 - Required Documents
 - Submitting Applications for New Facilities, Speculative Blocks, and Existing Facilities
- Summary and Q&A

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- Since 2008
- 310+ MW under management
- 20,000+ facilities under management
- 100% SREC focused
- Brokerage model
- Preferred ISEA vendor for IPA Procurement
- Successful participant in all 3 SPV Procurement Rounds and Spring 2017 DG Procurement Round



- Two separate procurement events:
 - April 2017 & October 2017
- Contract term is for five (5) years

Award Type	System Size (AC)	SRECTrade Deadlines
Speculative	< 25 kW only	Identify by: July 6, 2018 Energize by: Aug. 24, 2019 No extension will be given
Identified	$\leq 2,000$ kW	Energize by: Nov. 23, 2018 No extension will be given
Energized	$\leq 2,000$ kW	Submit energized paperwork at time of bid

- System eligibility
 - Must be interconnected at the distribution system level in Illinois of Ameren Illinois Company, Commonwealth Edison Company, MidAmerican Energy Company, Mt. Carmel Public Utility Co., a “municipal utility,” or a “rural electric cooperative”
 - Limited in Nameplate Capacity to no more than **2,000 kW (AC)**
 - No date restrictions/limitations on when the system was interconnected
 - Installed by “qualified persons” in compliance with Section 16-128A of the Public Utilities Act if the Date of First Operation as recorded by PJM-EIS GATS or M-RETS is after June 1, 2017
- Meter requirements
 - 10 kW AC and below: +/- 5% accuracy. Can be a production meter or inverter
 - Over 10 kW AC: +/- 2% accuracy. Must be dedicated solar production meter

- Credit requirements include a Performance Assurance and Estimated Supplier Fee
 - Combined fee: \$11/REC (~\$82/kW AC)
 - Performance Assurance: \$4/REC
 - Estimated Supplier Fee*: \$7/REC
 - If bid is **unsuccessful**, Estimated Supplier Fee AND Performance Assurance will be returned; if bid is **successful**, ONLY Performance Assurance will be returned (with first SREC payment)
- Each system will submit a Bid Price (i.e., offer to sell)
- Systems will be grouped in blocks of 1 MW – 500 kW (AC) based on Bid Price
- Winning bids will receive 5 year SREC contracts at their Bid Price

**Estimated Supplier Fee subject to change*

- The IPA procured 97,745 RECs during the Spring round, which fulfilled 70% of the 2017 procurement target (138,510 RECs over five years).
- The remaining volume of 40,765 RECs will be available for this round.

	Sub-25 kW		25-2000 kW	Total
	Forecast Systems	Identified Systems	Identified Systems	
Quantity (# of RECs/Yr) ¹	8,051	1,723	9,775	19,549
Approx. Contract Quantity (# of RECs/5 Yr) ²	40,255	8,615	48,875	97,745
Average Winning Bid Price (\$/REC) ³	\$188.97	\$176.46	\$68.56	\$144.66
Approx. Total Contract Value ⁴	\$7,606,987.35	\$1,520,202.90	\$3,350,870.00	\$12,478,060.25

Notes:

1. The total number of RECs won per year. Values provided by IPA Distributed Generation RFP Results
2. Values estimated by SRECTrade; derived by multiplying quantity per year by 5
3. The average winning bid price per REC. Values provided by IPA Distributed Generation RFP Results
4. Values estimated by SRECTrade; derived by multiplying approximate contract quantity by average winning bid price

- Fees are charged per SREC transacted based on **system size (AC)**
- These fees are deducted from each SREC payment

System Size (AC)	Client Fee (%)
0 kW- 50 kW	14.0
50 kW - 250 kW	9.0
250 kW - 500 kW	5.0
500 kW - 1 MW	3.0
1 MW - 2 MW	2.0

- Documents
 - Schedule A
 - SRECTrade Client Contract
 - If the system is operational and interconnected:
 - Certificate of Completion
 - Proof of Energized Date
 - If the host is not the same entity as the system owner:
 - Host Acknowledgement
- Utility Information
 - Utility Company
 - Utility Account Number (If site does not have an account number yet, enter “00000”)

SRECTRADE APPLICATION PROCESS



1. Click “Register a new facility”
2. Complete required system information (page 1)
3. Select the Completion Status (Energized or Identified)

If the facility is speculative, please contact installers@srectrade.com



- 1. Enter inverter capacity rating in AC
- 2. Save inverter information
- 3. Check box to confirm inverter size in AC

Inverters

Inverter manufacturer REQUIRED

-- Select --

Inverter model type REQUIRED

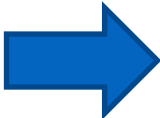
-- Select --

Inverter capacity rating (AC) REQUIRED

kW (AC)

Max AC output of each inverter

Number of inverters REQUIRED



Inverter Setup

Summary

You have 2 inverter(s) for 20 panel(s)

ID	Manufacturer	Model/Name	Size (AC)	Number	Options
#1	GE Energy	GEPVb-2500-NA-240 (2.5 kW Brilliance - DC Disconnect - Display)	2.50kW	2	<div>EditDelete</div>

☐ I confirm that the system's total inverter capacity is 5.00kW (AC)

Add new inverter

SRECTRADE APPLICATION PROCESS



If the system is **operational** and **interconnected**

- 1. Enter the Energized Date & Interconnection Date
- 2. Upload the Proof of Energized Date & Certificate of Completion

Interconnection

Operation start date

The date that your solar facility was turned on.

Utility interconnection date

The date for which your utility company gave approval to connect your system to the existing grid. Only required if your facility has received permission to operate (PTO) or an interconnection approval letter from the utility.

Reading at interconnection

The reading from your solar production meter or inverter at the time of interconnection. *If for systems interconnected and turned on at the same time.

Utility

Select --

The utility that provides electricity to the location.

Utility account #

Utility found on your electric utility bill.

Current Meter Readings

Current meter reading

Please provide a current reading from your solar production meter or inverter. Do not provide a reading older than 3 days.

Date of reading

This is the date of your current meter reading. Do not provide a reading older than 3 days.

Existing State Certifications

State	Certificate Number
District Of Columbia (DC)	<input type="text"/>
Pennsylvania (PA)	<input type="text"/>
Illinois (IL)	<input type="text"/>

PA Recognition of Assignment (Required only if facility already has PA Certificate Number)

No file chosen

The Recognition of Assignment will allow SRECTrade to add as your SREC Aggregator in PA, and is required only if you already have a PA state certification number. Sign and download the form and then upload here. Must be signed by Bob Gandy.

Proof of Energized Date No file chosen

A Proof of Energized Date (PDED) confirms your Operation Start Date (as provided above). This should be a letter or email sent to you by your utility company after your system has been approved for interconnection, or could be documentation from your installer confirming that your system has been energized/turned on. Examples include the following (you can submit multiple documents as an attachment, if necessary):

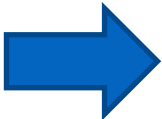
1. Interconnection Agreement
2. Net metering application approval letter
3. Final system inspection confirmation
4. Permission to operate letter
5. Certificate of Completion

Certificate of Completion No file chosen

The Direct Certificate of Completion is the document issued by your utility company when the installation is complete and final electric inspector approval has been obtained. This may be in the form of a letter, or a form document with a section titled "Acceptance and Final Approval for Interconnection". Your Certificate of Completion or approval letter MUST confirm your approved interconnection date.

Previous Save and Continue to Next Page Exit without saving

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SRECTrade Home Facilities Statements Insights Management Admin

New Facility

Add/Review facility details for certification

82.5%

Procurement Rounds

"Bid" Application	Procurement Round	Options
Not Started	IL IPA DG Procurement Program - Fall 2017	<input type="button" value="Submit Bid"/>

Select certifications

Certification	State	Price
<input checked="" type="checkbox"/> Purchase certification	Pennsylvania (PA)	\$50.00

Previous Continue with Selected Certifications

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- 1. Select the Host Relationship
- 2. Enter the Bid Price (Price per SREC)
- 3. Confirm the Interconnection Status and Utility Information

IL IPA DG Procurement Program - Fall 2017

Fill out the required details to apply for SREC contract

[Just getting started](#)

Directions

1. Complete all required fields. The data collected is used to set up your contract application and apply to the IL IPA DG Procurement Program.
2. If you have all the required information ready, the process should take between 5-10 minutes.

My Facility

Name	Address	Panel Tracking	Inverter Size (AC)	Tier	Max Quantity
My IL Facility	165 N. Michigan Ave Chicago, IL 60601	Fixed	5	0kW - 24.999kW	35 SRECs

Additional Field Help

Maximum SREC Quantity
The IPA uses a standard formula to convert the nameplate inverter capacity (AC) of a system into the RECs bid into the procurement. Using their formula, your 5kW system would be deemed to produce 35 RECs during the contract term. The formula is: 0.005MW x 17 % x 8760 hours x 5 years = about 35 RECs. You will now provide a bid price in \$/REC that applies to all 35 RECs.

Price per SREC
The Illinois Power Agency does not allow aggregators to influence customer bid pricing. Please consult your installer to discuss the appropriate bid price for your system.

Award Type
"Identified" systems are those that have at least contracted with an authorized installer to build a project, while "Speculative" systems have not. "Energized" systems are those that have been operational for at least 24 hours as of this application. If your system is not yet Identified (i.e. "Speculative") you should not complete this application, and instead contact us to complete a separate application.

My "Bid"

Host Relationship REQUIRED

☐ The host and the facility owner are the same entity.

☐ The host and the facility owner are **not** the same entity.

Mark if the System/SREC Owner and the Host of the System (i.e. the land or building owner where the System is sited) and system owner are the same individual or entity.

Price per SREC REQUIRED

\$

Select the minimum bid price that you would like to sell your SRECs for during the contract term.

Award type REQUIRED

Identified and Energized

You provided information stating your facility was energized on Aug 15, 2017.

Utility REQUIRED

Commonwealth Edison Co

The utility that provides electricity to this location.

Utility account # REQUIRED

12345

Usually found on your electric utility bill.

[Edit utility and energized details](#)

[Save and Continue](#)

[Exit](#)



- 1. Upload the SRECTrade Client Contract
- 2. If the System Owner and the Host are different entities or individuals, then upload the Host Acknowledgement

IL IPA DG Procurement Program - Fall 2017

Fill out the required details to apply for SREC contract

33%

My Facility

Name	Address	Inverter Size (AC)	Tier	Max Quantity	Minimum "Bid"
46 Long Cove	46 Long Cove Drive Lemont, IL 60439-7730	8kW	0kW - 24.999kW	60 SRECs	\$15.00

Required Uploads

The required files below can be uploaded with the following steps:

1. Click the link provided
2. The facility owner should complete fields and electronically sign and submit on RightSignature
3. Click "PDF DOWNLOAD" (right-hand side) on RightSignature and save the file
4. Upload to SRECTrade

SRECTrade Client Contract - IL IPA Fall DG **REQUIRED**

Sign and download the SRECTrade Client Contract - IL IPA Fall DG and then upload here.

Choose File No file chosen

Host Acknowledgement **REQUIRED**

Sign and download the Host Acknowledgement or another document of evidence of site control and then upload here.

Choose File No file chosen

Previous

Save and Continue +

Cancel Application

Additional Field Help

SRECTrade Client Contract - IL IPA Fall DG
The SRECTrade Client Contract - IL IPA Spring DG governs your relationship with SRECTrade. Sign, save, then download your completed [SRECTrade Client Contract - IL IPA FALL DG](#). Then, upload that completed document to the SRECTrade Client Contract - IL IPA Spring DG field on this page.

Host Acknowledgement
The Host Acknowledgement is required for facilities where the system host is not the same entity as the system owner. Either sign, save, then download your completed [Host Acknowledgement](#), or obtain one of the following: a) an Agreement between System Owner and Host, b) a Letter of Intent from the Host, or c) an other document regarding site control. Then, upload that completed document to the Host Acknowledgement field on this page.

14



1. Payment Method Information

Tier	Payment Method
0 kW – 24.99 kW	Credit Card
25 kW – 2,000 kW	ACH

2. SREC Performance Assurance and Estimated Supplier Fee

System Size (kW AC)	Maximum SREC Quantity	Performance Assurance (\$4/REC)	Estimated Supplier Fee (\$7/REC)	Total
10	74.46	\$ 297.84	\$ 521.22	\$ 819.06

3. Performance Assurance Return Details

- Account Number
- ACH Routing Number

IL IPA DG Procurement Program - Fall 2017

Fill out the required details to apply for SREC contract

My Facility

Name	Address	Inverter Size (AC)	Tier	Max Quantity	Minimum "Bid"
My IL Facility	165 N. Michigan Ave Chicago, IL 60611	50W	0kW - 24.99kW	35 SRECs	\$100.00

Additional Field Help

Bid Deposit
This section will allow you to pay for your bid deposit by credit card. The fees are broken out into a refundable bid deposit fee, as calculated by the state, which will be returned to you per the rules of the program, a supplier fee, which will be returned to you if the application is unsuccessful per the rules of the program, and a non-refundable credit card processing fee.

Bid Deposit Confirmation

Refundable Bid Deposit (\$4.00/SREC x 35 SRECs)	\$140.00
SREC Supplier Fee (\$7.00/SREC x 35 SRECs) refundable if app is unsuccessful	\$245.00
Non-refundable Credit Card Fee	\$11.81
Total Due	\$396.81

Credit Card Payment

Total Due

\$396.81

Cardholder Name

REQUIRED

Card Number

REQUIRED

CVC

REQUIRED

Cardholder Zip Code

REQUIRED

Expiration Date

Month Year

Where to Return the Refundable Portion of Your Bid Deposit

Bank Name

REQUIRED

Account Holder Name

REQUIRED

Account Type

REQUIRED

Account Number

REQUIRED

Routing Number

REQUIRED

Congratulations!

You have successfully completed your application and bid.

SRECTrade will submit your application to the IL IPA DG Procurement Program - Fall 2017 on your behalf.

100%

SRECTrade will notify you after the results of the bid process have been finalized by the state and may follow up if the state requires any additional information. Your current contract application status is: **Pending - SRECTrade preparing paperwork**

[Return to Dashboard](#)

SRECTRADE APPLICATION – EXISTING FACILITIES



- 1. Navigate to Settings page
- 2. Click “Apply”
- 3. Enter Inverter Size (AC)
- 4. Click “Submit Inverter Size and Apply into IPA Round” to Submit Bid



Example Existing Facility

SummaryProductionTransactionsSettings

Sale Preferences

You are enrolled in **Managed Sales**. SRECTrade automatically tracks your SREC portfolio and sells your SRECs at the most opportune market conditions.

Want more control?

You can opt out of **Managed Sales** for full control over your SREC pricing. Set a limit requires you to set a future minimum price which is the default price for new SRECs. Once SRECs become available in your account, you can set a price limit per SREC. Read the full [Terms and Conditions](#) for Set a Limit.

Service Comparison

Expert market knowledge

SRECTrade manages mir

Access over the counter

Standard fees

Change Service

Default minimum SREC price RE

\$ 0.00

The default for existing SRECs without a

☐ I have read and agree to the Set a Limit Terms & Conditions **REQUIRED**

Opt out of Managed Sales

Facility Details

Size7.200 kW

RegistryGATS

Registry ID

State Certifications

Address123 Main St, Chicago, IL 60601

Program	Round	Price	Status
IL IPA DG Procurement Program	Fall 2017	-	<div>Apply »</div>

Illinois IPA Application - Required Info

Please update the system's inverter(s) size.

Manufacturer	Model Name	Size (AC)	Number of Inverters	Total Size (AC)
Fronius USA	IG 3000 PCS (2700W Grid-tied unit with Integrated Disconnects and Performance Meter)	2.70kW	1	2.70kW
Enphase Energy	M215-60-2LL-S2x-IG (215 W, 208 or 240Vac inverter, S2x are connector types)	0.22kW	10	2.15kW
Fronius USA		<div>kW</div>	1	0kW
				4.85kW

☐ I confirm that the system's total inverter capacity is 4.85kW (AC)

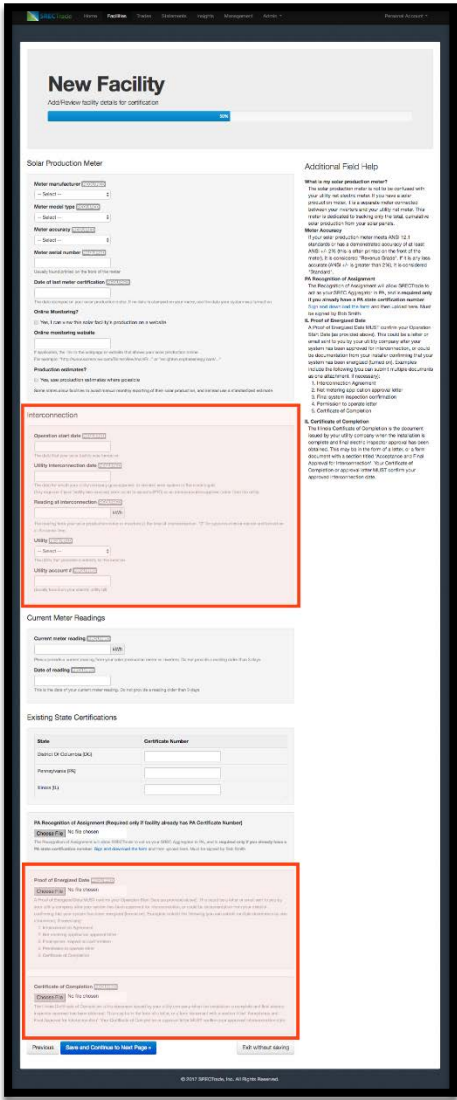
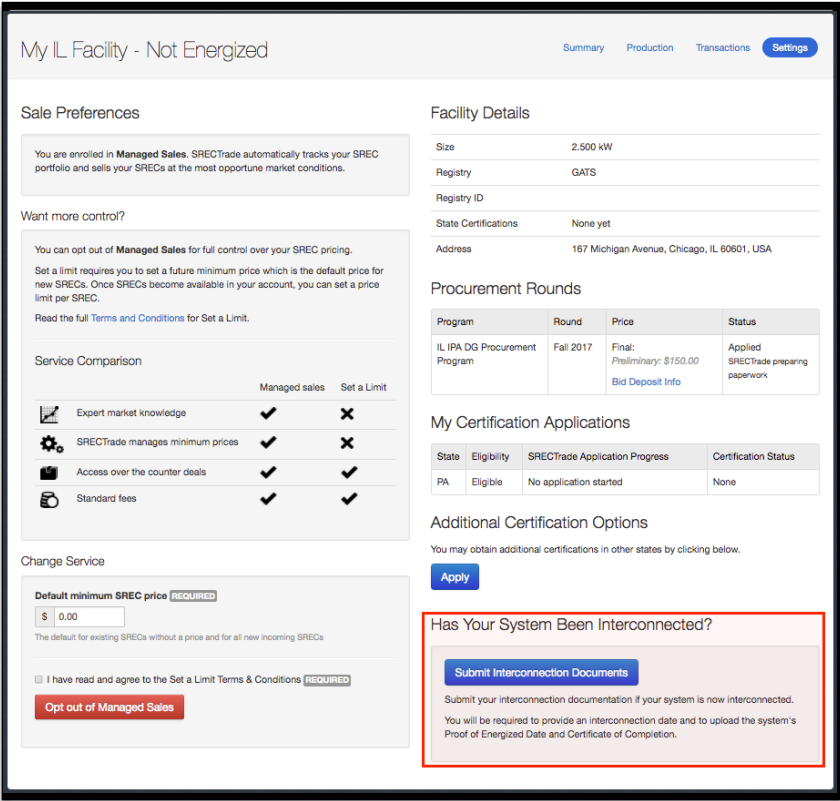
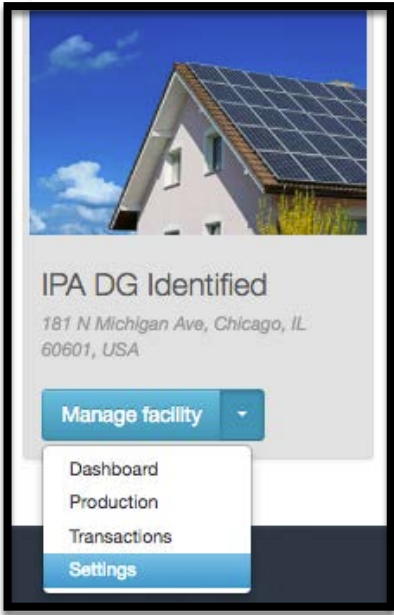
Close


Submit Inverter Sizes and Apply into IPA Round

SRECTRADE APPLICATION PROCESS – IDENTIFIED SYSTEMS



- 1. Navigate to Settings page
- 2. Click “Submit Interconnection Document”
- 3. Add the Interconnection Information



 Home **Facilities** Trades Statements Insights Management Admin ▼ Personal Account ▼

Manage Facility Transfers

Overview of the facilities that have been transferred from your account.

Return to Dashboard ▶

This page allows you to transfer a facility to its Facility Owner. **Once transferred, it will no longer appear in your account.**

If the customer does not already have an SRECTrade login with the listed email address, this process will email them requesting that they create one with the email that you specified below.

Pending or Potential Transfers

Facility Name	Facility Address	Size	Owner Name	Owner Contact Info	Transfer Initiated To	Status	Transfer
IPA DG Energized small	179 N Michigan Ave, Chicago, IL 60601, USA	5kW	Bob Smith	bob.smith@gmail.com 5555555555		Application Completed	<div>Transfer</div>
IPA DG Energized large	180 N Michigan Ave, Chicago, IL 60601, USA	600kW	Bob Smith	bob.smith@gmail.com 5555555555		Application Completed	<div>Transfer</div>
IPA DG Identified	181 N Michigan Ave, Chicago, IL 60601, USA	10kW	Bob Smith	bob.smith@gmail.com 5555555555		Application Completed	<div>Transfer</div>

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Only applications that are complete and correct upon submission will be guaranteed inclusion in the bid.



System Owners:
clientservices@srectrade.com
415-763-7732 ext. 1

Installers:
installers@srectrade.com
415-763-7732 ext. 2