

# COMMUNITY SOLAR CLEARINGHOUSE SOLUTION PROGRAM (CS<sup>2</sup>)

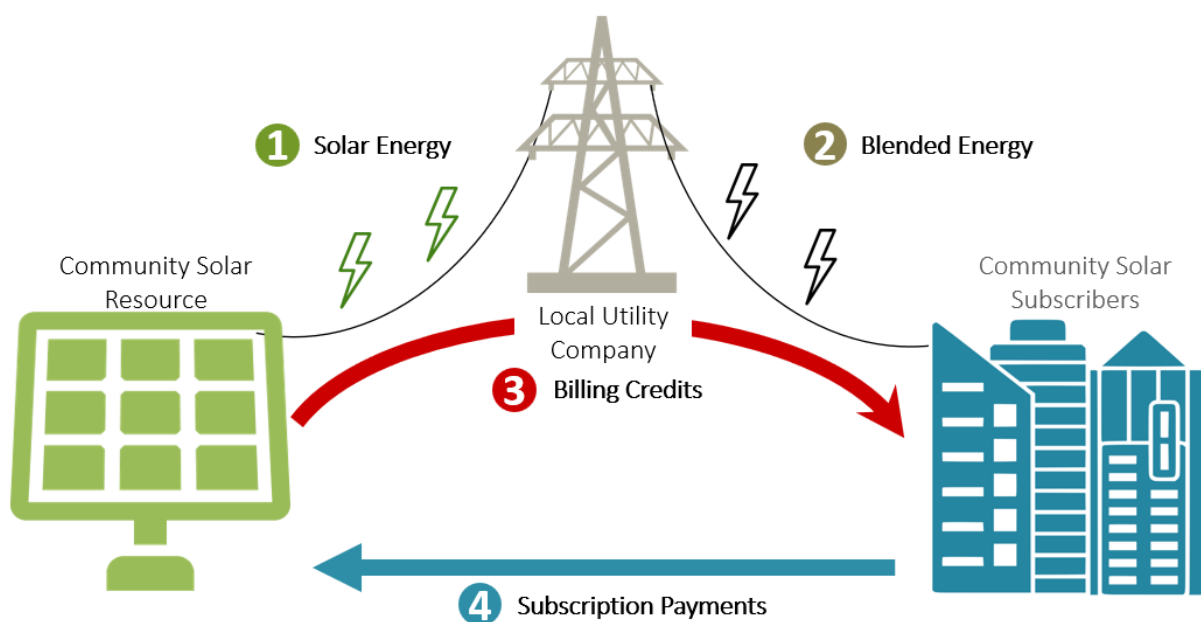
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# COMMUNITY SOLAR PROCESS



- 1 Community Solar asset delivers energy to the Local Utility.
- 2 Local Utility delivers blended energy to consumers
- 3 Local Utility applies on-bill credits to Community Solar Subscribers.
- 4 Subscribers pay a portion of their on-bill credits to the Community Solar developer

# COMMUNITY SOLAR IN ILLINOIS

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## Limited Opportunity

- Funding for approximately 117 MW of projects in the ComEd region
- ~187,000 MWh of annual generation
- ~0.2% of entire ComEd load requirements

## Random Project Funding

- Approximately 1,200MW of projects under development – 10x what can be funded
- A lottery will be used to randomly award projects with SREC contracts
- Impossible to know which projects will be available for subscriptions.

## Rate Complexity

- Not all accounts will save money with subscriptions

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## Metropolitan Mayors Caucus

- Role: Program Sponsor
- Objectives:
  - Secure cost benefits for members
  - Assist members meet Greenest Region Compact 2 goals



## The Power Bureau

- Role: Program Manager
- Responsibilities:
  - Procurement – forming pools of buyers and sellers
  - Contract management – facilitate contracts and billing

# CS<sup>2</sup> PROGRAM: PROCESS

## Pre-Lottery

### Form Municipal Pool

- Collect account info
- Identify savings
- Program membership

### Form Developer Pool

- Qualify developers
- Set contract terms
- Set a single supply price

## Post-Lottery

### Finalize Pools

- Certify lottery results
- Finalize contract volumes and pricing

### Contract Execution

- Facilitate resolutions and ordinances
- Secure final executed contracts

## Management

### Monthly Billing

- Generate consolidated billing statements and payment disbursements

### Reporting & Support

- Provide municipal staff with reporting and technical support

# WHY PARTICIPATE IN THE CS<sup>2</sup> PROGRAM?

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## Positive Economics

- Smaller municipal accounts likely to secure 5-15% savings long term
- All municipalities have at least some accounts that will benefit – **even Franchise accounts.**
- Nominal cost to participating municipalities to defray start up costs

## Progress on Sustainability

- Municipalities can directly support new solar development in the region
- Can serve as a response to the growing “100% Renewable” campaigns

## Manageable Level of Effort

- Municipality provides copies of most recent ComEd bills for each account
- CS<sup>2</sup> will identify which accounts can capture savings
- Municipality can decide whether to enroll accounts into the CS<sup>2</sup> program

# TIMELINE & STEPS

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**Expression of Interest & Utility Bill Upload** (MMC Members, mid-Nov)

◦ [mayorscaucus.org](http://mayorscaucus.org)

**No-Cost Account Evaluation** (MMC/Power Bureau, late-Nov)

◦ Identify accounts that can save money

**Supplier RFQ** (MMC/Power Bureau, mid-Dec)

◦ Identify qualified developers; establish subscription price range

**Supplier RFP** (MMC/Power Bureau, early-January 2019)

◦ Conditional selection of developers and pricing

**IPA Lottery** (IPA, Feb 2019)

◦ We learn which community solar projects from step 4 can be contracted

**Community Solar Power Flows** (Developers/ComEd, late 2019)

# THANK YOU VERY MUCH

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