The Illinois ABP and New Solar Development

Shannon Fulton, ISEA
Illinois Solar Energy Association (ISEA)

ISEA’s mission is to educate and advocate for the widespread application of solar, wind and other forms of renewable energy to the people of Illinois

- Established in 1975
- 501(c)3 charitable organization
- Membership based organization, with over 500 individual members and represents approximately **150 businesses**
- Hosts the annual IL Solar Tour as part of the National Solar Tour
Illinois Electricity Generation

• As of April 2018, there is currently approximately 100 MW of solar installed in Illinois.

• FEJA establishes 25% of energy generation (~2000 MW) to be from solar by 2025 with additional requirements by 2030.
Illinois Electricity Generation

- As of April 2018, there is currently 100 MW of solar installed in Illinois.

- IL RPS: 25% of energy generation (2000 MW) to be from solar by 2025 and even more by 2030.

- Based on current load estimates and funding rates/mechanisms in place currently, RPS roughly = 7% by 2020 (short of 2020 RPS goal of 17.5%).
Solar Incentives

**Illinois State Incentives**
- Approx: 20-30% based on SREC $ amount (1 SREC = 1 MWh solar energy)
- Smart Inverter Rebate ($250/kw) for Commercial Competitive Rate Classes
- State Depreciation (Commercial only)

**Federal Incentives**
- 30% unlimited Tax Credit
- Legislated through 2019, will step down gradually
- 26% unlimited Tax Credit in 2020
- 22% unlimited Tax Credit in 2021
- 10% unlimited Tax Credit in 2022
- 0% after 2022
- Federal Bonus Depreciation (100% in Year 1)
## Adjustable Block Program

### Block Structure

<table>
<thead>
<tr>
<th>Block Group</th>
<th>Block Category</th>
<th>Block 1</th>
<th>Block 2</th>
<th>Block 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group A (Ameren Illinois, Mt Carmel, Rural Electric Coops)</td>
<td>Small</td>
<td>22</td>
<td>22</td>
<td>5.5</td>
</tr>
<tr>
<td></td>
<td>Large</td>
<td>22</td>
<td>22</td>
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<tr>
<td></td>
<td>Community Solar</td>
<td>22</td>
<td>22</td>
<td>5.5</td>
</tr>
<tr>
<td>Group B (ComEd, Mid-American, Municipal Utilities)</td>
<td>Small</td>
<td>52</td>
<td>52</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Large</td>
<td>52</td>
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</tbody>
</table>

IPA discretion – 166.5 MW – placement TBD

- Order directed IPA to hold its 25% discretionary capacity in reserve.
ComEd Interconnection Queue by Property Type – as of 10/1/2018

- Solar Interconnection Queue
  - October 2018
- Available Community Solar Per IPA Blocks

- C&I >2MW
- C&I DG Solar
- Residential
- Community
- Utility Scale

Projects:
- 1,167
- 101
- 398
- 24

MW:
- 1,525
- 1,214
- 235

1,275MW DG

Blocks:
- Block 3: 117
- Block 2: 52
- Block 1: 52
Ameren Illinois – Net Metering

April 1, 2008 to February 1, 2016
• 469 total net metering customers with 2999.169 kw load
  366 Residential Customers with 1985.274 connected.
  71 Wind Residential Customers with 360.6 kW
  295 Solar Residential Customers with 1624.674 kW

  103 Non-residential Customers with 1013.895 kW connected
  20 Wind Non-Residential Customers with 113.4 kW
  83 Solar Non-residential Customers with 900.495 kW
Ameren Illinois – Net Metering

April 1, 2008 to January 1, 2017
699 total net metering customers with 5383.516 kw load

562 Residential Customers with 3051.31 connected.
73 Wind Residential Customers with 362.95 kW
489 Solar Residential Customers with 3413.566 kW

137 Non-residential Customers with 1607.00 kW connected
21 Wind Non-Residential Customers with 123.4 kW
116 Solar Non-residential Customers with 1483.6 kW
Ameren Illinois
Community Solar and DG – Level 2 BTM Up to 2 MW

As of November 8:

Community Solar
755 applications representing 1476.96 MW
(734 applications on 9/15)

Level 2 – BTM – DG up to 2 MW
171 applications representing 82.3 MW
Ameren Illinois

Community Solar and DG – Level 2 BTM Up to 2 MW

As of November 8:

Community Solar – Most are dependent on REC’s

Level 2 – BTM – DG up to 2 MW – 60% dependent on REC’s (speculation)
Looking ahead to the 2019 General Session, ISEA will focus on:

- Creating a large and more stable solar market
- Expanding Solar For All programs and Job Trainings
- Improving Net Metering
- Improving Interconnection and Zoning Policies
- Facilitating Adoption of Energy Storage
- Discussions on a State-based Capacity Market
StraightUp Solar

Our Vision: To Inspire a Solar Tribe to Create a Sustainable World

- Founded in 2006 – 67+ Employees – 13 MW & 1,300+ project portfolio
- Fully Licensed Electrical Contractor – NABCEP & DG-Certified Professional
- Certified B Corporation
Thank you!
Shannon Fulton, StraightUp Solar, ISEA
Shannon@straightupsolar.com
309-830-5039

For more information visit
www.illinoissolar.org