Illinois Power Agency

Stakeholder Workshop #1 on the Storage for All Program

October 30, 2026

Audrey Steinbach, Energy Storage Director

Jennifer Schmidt, Senior Program Manager – Illinois Solar for All Program

Devan Fisher, Electricity Supply Analyst

Ashley Hollis, Associate Legal Counsel – Storage and Renewable Markets

James Rouland, Planning and Procurement Bureau Chief

IPA

ILLINOIS POWER AGENCY

Agenda

- Housekeeping Items
- Program Development Timeline
- **Overview** – Illinois Solar for All Program (ILSFA)
- **Overview** – Solar + Storage
- **Overview** – Statutory Requirements for Storage for All
- **Discussion Topic 1** – Program Funding
- **Discussion Topic 2** – Integration with ILSFA
- **Discussion Topic 3** – Program Focus
- **Discussion Topic 4** – Incentive Structure
- **Discussion Topic 5** – Ensuring No Upfront Costs
- **Discussion Topic 6** – Limiting Double Counting of Incentives
- Next Steps

HOUSEKEEPING ITEMS

During Presentation

We will begin the presentation with background information noted by **Overview Topics** and then shift into **Discussion Topics**. Discussion Topic sections of the presentation will be divided further into information and then feedback.

To provide feedback and submit questions to the panelists, please use the **Raise Hand feature** or submit questions via the **Zoom Chat function**.



Informational slides will be marked with the info icon in the top right corner



Feedback slides, when discussion is opened up, are marked with the conversation icon in the top right corner



Today's presentation will be posted to https://ipa.illinois.gov/renewable-resources/energy-storage.html

Meeting Expectations

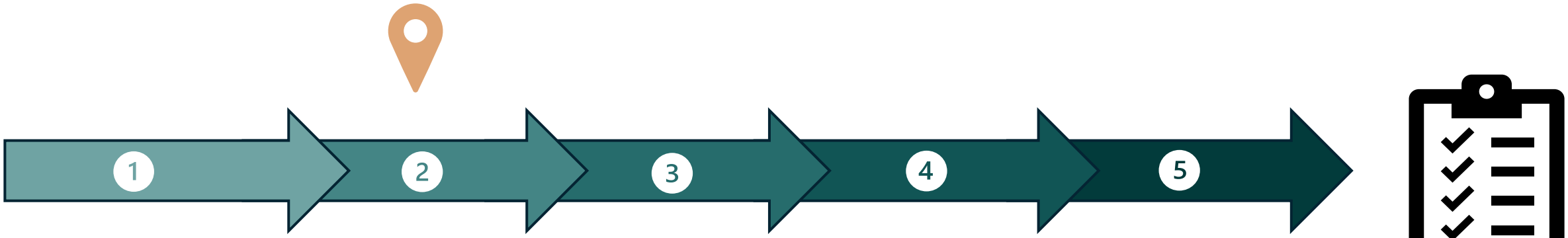
- **Mute Microphones** – Please remain muted while presenters are speaking or stakeholder questions or comments are being provided.
- **Raise Hand to Speak** – Use the raise hand feature to note to the presenters that you wish to speak. When called upon, unmute and ask your question or provide your comment.
- **Operate in and Assume Good Faith** – Respect comments made by others and assume they are made in good faith.



DISCLAIMER *– The purpose of this workshop is to discuss and solicit feedback on elements for consideration of the Storage for All program pursuant to the additions from CRGA to Section 1-56(b)(3) of the Illinois Power Agency Act. This workshop is recorded and the recording will be posted after the workshop. This presentation is intended for informational and discussion purposes only and does not represent the final elements of the Storage for All program. Final decisions on the program design, rules, and contract will be expressed in the future Energy Storage Resources Procurement Plan (ESRPP).*

PROGRAM DEVELOPMENT TIMELINE

Timeline of Process – Feedback to Program Design



September 2026
First stakeholder feedback question set released

October 2026
Stakeholder feedback workshop hosted by IPA

Winter 2026/27
Additional stakeholder feedback collaborations

June 1, 2027
Publish Draft Energy Storage Resources Procurement Plan

July 16, 2027
45 day public comment period on draft plan concludes

OVERVIEW
ILLINOIS SOLAR FOR ALL PROGRAM (ILSFA)

ILSFA Basics

- Incentive sub-programs for off-site (Community Solar) and on-site (Residential (Small), Residential (Large), Non-profit and Public Facilities)
- Residential participants must be **at or below 80% AMI**
- Illinois Solar for All (ILSFA) is a **state-funded solar incentive program** created through FEJA, and updated by CEJA and CRGA
- **Program Goals**
  - Promote access to solar for income-qualified households and environmental justice communities
  - Expand solar adoption in Illinois
  - Support the state's renewable energy targets
  - Promote environmental benefits and clean energy
  - Reduce energy burden and provide participant savings

ILSFA Basics (cont.) – REC Incentives

- ILSFA incentives are in the form of 15-year REC contracts with the Approved Vendor that are paid after project completion and energization.
- Total potential REC value calculated at Part I, updated at Part II based on specs as built, with limits for changes.
- RECs are paid in a single payment that is invoiced by the AV after project completion and Energization, and Part II approval.
- Projects report on REC delivery annually to ensure projects are meeting contractual generation expectations.

ILSFA Basics (cont.) – REC Incentives

Sub-program	Median Project Size (kw AC)	REC price	REC Incentive
Residential (Small)	7.83	$ 175.23	$ 28,912.95
Residential (Large)	62.5	$ 88.28	$ 10,060.80
NPPF	80	$ 105.53	$ 216,442.03

ILSFA REC prices are higher than Illinois Shines to accommodate additional challenges and risks associated with ILSFA and to support the required savings levels that ILSFA customers must see.

PY26-27 REC prices can be found in Ch 8 of the 2026 Long-Term Plan:

- Residential Solar (Small): Table 8-3 (pg 320)
- Residential Solar (Large): Table 8-4 (pg 326)
- Non-Profit and Public Facilities: Table 8-6 (pg 336)

ILSFA Residential Solar (Small) Results

Illinois Solar for All

Approved Residential Solar (Small) Projects

Program Year	Projects	Total Capacity	Incentives	Budget
Program Year 2018-2019	-	0.00 MW	$ -	$ 3,750,000
Program Year 2019-2020	8	0.05 MW	$ 124,202	$ 6,899,846
Program Year 2020-2021	53	0.29 MW	$ 760,804	$ 8,426,418
Program Year 2021-2022	158	0.96 MW	$ 2,664,009	$ 18,337,153
Program Year 2022-2023	220	1.53 MW	$ 5,157,840	$ 27,337,726
Program Year 2023-2024	1,276	9.50 MW	$ 31,463,650	$ 34,616,535
Program Year 2024-2025	575	5.00 MW	$ 21,409,814	$ 30,146,606
Program Year 2025-2026	1,195	11.29 MW	$ 49,183,793	$ 37,984,963
Program Year 2026-2027	-	0.00 MW	$ -	$ 8,889,133
Total	**3,485**	**28.62 MW**	**$ 110,764,111**	

Note: Program Year 2025-2026 budget accounts for corrections implemented in Spring 2026.
Budgets represent the combined Residential (Large) and (Small) allocation, which is available to all Residential Solar projects mid-year.
Source: Illinois Solar for All, Illinois Power Agency (October 2026)

ILSFA Residential Solar (Large) Results

Illinois Solar for All

Approved Residential Solar (Large) Projects

Program Year	Projects	Total Capacity	Incentives	Budget
Program Year 2018-2019	-	0.00 MW	$ -	$ 3,750,000
Program Year 2019-2020	1	2.00 MW	$ 4,000,883	$ 6,899,846
Program Year 2020-2021	5	0.21 MW	$ 489,961	$ 8,426,418
Program Year 2021-2022	2	0.37 MW	$ 529,944	$ 18,337,153
Program Year 2022-2023	-	0.00 MW	$ -	$ 27,337,726
Program Year 2023-2024	1	0.19 MW	$ 338,294	$ 34,616,535
Program Year 2024-2025	2	0.20 MW	$ 382,222	$ 30,146,606
Program Year 2025-2026	2	0.10 MW	$ 182,887	$ 30,984,963
Program Year 2026-2027	-	0.00 MW	$ -	$ 8,889,133
Total	**13**	**3.07 MW**	**$ 5,924,190**	

Note: Budgets represent the combined Residential (Large) and (Small) allocation, which is available to all Residential Solar projects mid-year.

Source: Illinois Solar for All, Illinois Power Agency (October 2026)

ILSFA Non-Profit and Public Facility Results

Illinois Solar for All

Approved Non-Profit and Public Facilities Projects

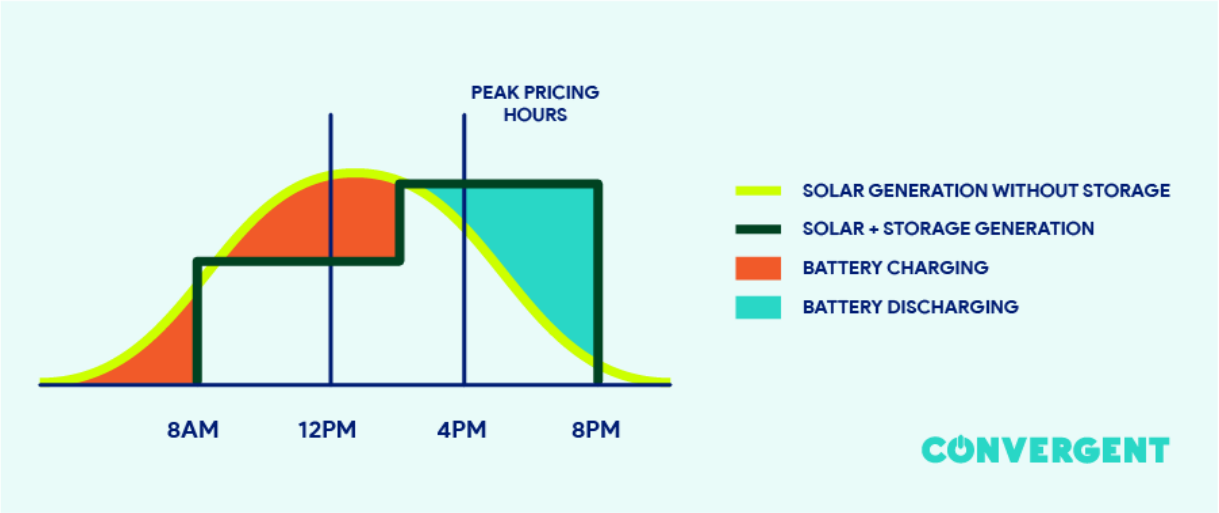
Program Year	Projects	Total Capacity	Incentives	Budget
Program Year 2018-2019	6	1.21 MW	$ 2,497,856	$ 5,000,000
Program Year 2019-2020	23	2.60 MW	$ 5,830,138	$ 6,435,181
Program Year 2020-2021	17	2.39 MW	$ 4,644,796	$ 4,849,829
Program Year 2021-2022	38	5.35 MW	$ 12,779,756	$ 15,076,529
Program Year 2022-2023	32	7.12 MW	$ 16,577,477	$ 16,822,130
Program Year 2023-2024	35	5.00 MW	$ 12,279,511	$ 14,141,893
Program Year 2024-2025	41	6.32 MW	$ 15,975,162	$ 17,617,773
Program Year 2025-2026	59	6.02 MW	$ 13,706,165	$ 24,490,836
Program Year 2026-2027	-	0.00 MW	$ -	$ 12,698,761
Total	**251**	**36.01 MW**	**$ 84,290,862**	

Source: Illinois Solar for All, Illinois Power Agency (October 2026)

OVERVIEW
SOLAR + STORAGE

Solar + Storage Basics

- A home solar + storage system helps utilize the energy generated by solar more efficiently
- The storage charges when there is excess electricity generated from solar not being used by the household
- Solar + storage systems allow homes to have reliable access to power, even during grid emergencies or disasters



https://www.utilitydive.com/spons/energy-storage-101-how-energy-storage-works/627194/

OVERVIEW
STORAGE FOR ALL REQUIREMENTS

Statutory Requirements for Storage for All: Stakeholder Engagement

- The Agency shall engage stakeholders in the development of the Storage for All Program, including members of the Commission on Environmental Justice, representatives of approved vendors participating in the Illinois Solar for All Program, representatives of community-based organizations, and members of the Illinois Solar for All Stakeholder Advisory Group.

- The Storage for All stakeholder engagement process shall include an exploration of how to ensure that distributed storage will be accessible to income-qualified households with zero upfront costs and in coordination with job training programs, as well as how the program may be supported by other programs or initiatives to maximize storage benefits and limit double-counting of incentives.

Statutory Requirements for Storage for All

- The Agency may direct ***up to 25%*** of the funds currently allocated to the Illinois Solar for All Residential Solar (Small), Residential Solar (Large), and nonprofit and public facility sub-programs towards the Storage for All program.
    - *Any funds not utilized* by the Storage for All program during the program year ***may be reallocated to Solar for All projects*** that are waitlisted or otherwise not selected due to funding limitation per the Agency's defined process.
- The Storage for All program must be designed to incentivize the development of **energy storage colocated with distributed solar** developed through Illinois Solar for All. Such development may be incentivized through grants, rebates or some other incentive.
- The Storage for All program shall be **available to current and future participants** of the Residential Solar (Small), Residential Solar (Large), and Non-Profit and Public Facilities ILSFA sub-programs.
- The Storage for All program may be developed to support community energy resilience, disaster preparedness, and energy bill reductions (particularly for low-income residents and residents of environmental justice communities).
- The Agency may propose the funding amount, structure, and details of the Storage for All program in the Long-Term Plan, or in the Energy Storage Resources Procurement Plan.

DISCUSSION TOPIC 1
PROGRAM FUNDING



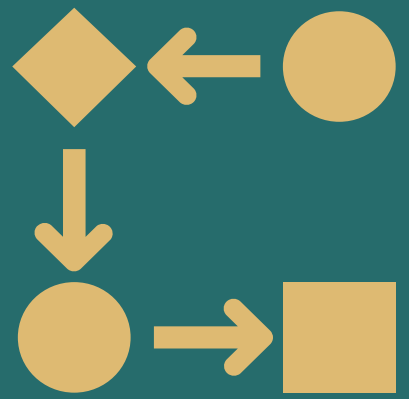
Program Funding

- CRGA outlines that the IPA may direct ***up to 25%*** of the funds currently allocated to the following ILSFA sub-programs for Storage for All:
  - Residential Solar (Small) sub-program
  - Residential Solar (Large) sub-program
  - Nonprofit and public facilities sub-program
- ILSFA program budget is approximately $50 million per Program Year
  - A 25% utilization of the budget from the applicable 3 sub-programs = ***about $7.6 million*** available to support the Storage for All program
- Any funds not utilized may be **reallocated to ILSFA projects** that are waitlisted or otherwise not selected due to funding limitations

Program Funding

- What percentage of funding would be most appropriate to start with for the Storage for All program? (1%-25%)
- Should the IPA start by utilizing a smaller amount of the permissible budget in the first iteration of this program?
- Should the Agency utilize the full budget allowance under the law (25%)?

DISCUSSION TOPIC 2
INTEGRATION WITH ILSFA

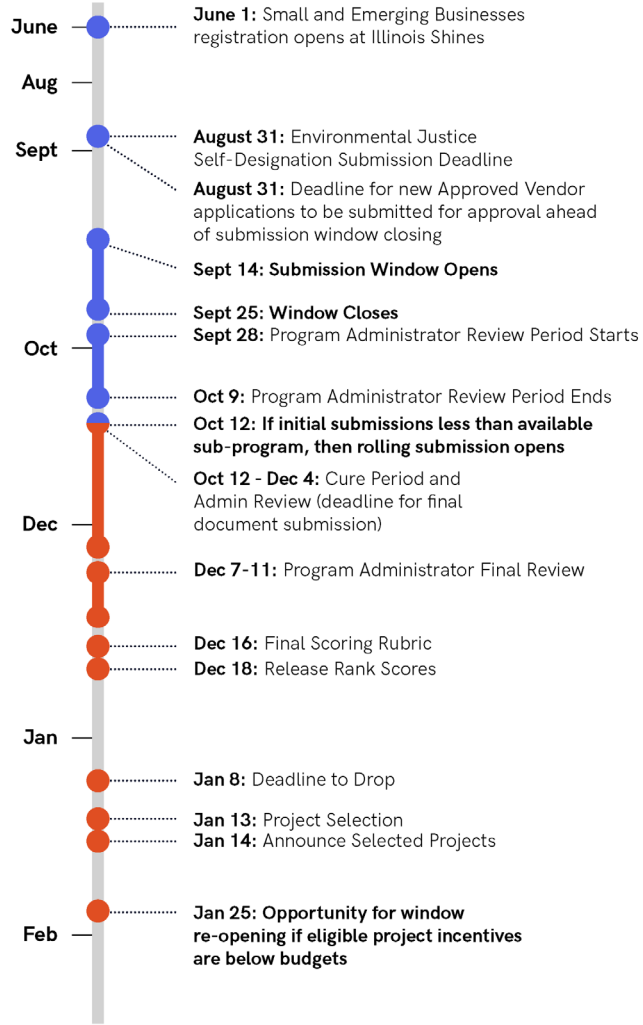


Integration with ILSFA – Project Submissions

- Project submissions have two phases:
  - Part I – completed in the project planning stage and collects information on a system's planned technical aspects
  - Part II – completed after a project has been installed, interconnected, and meets all ILSFA program completion requirements
- ILSFA project incentives are paid after Part II Approval.
- Project requirements and consumer protections are more robust in ILSFA due to the vulnerable customers it serves.

Integration with ILSFA – Funding and Submission Cycles

- For each sub-program each program year, ILSFA accepts Part I submissions in a two-week initial submission window. If more projects are submitted than available funding, projects are scored, ranked, and selected (or waitlisted) as detailed in the ILSFA Project Selection Protocol.
- If additional funding is available after either the initial submission window or Project Selection, the sub-program is reopened for rolling submissions on a first-come, first-served basis until May 31 or funds are exhausted.
- Unused sub-program funds are rolled over and added to the following program year's sub-program budget.
- Waitlists do not carry from year-to-year; projects that aren't funded must reapply the following program year.



Integration with ILSFA



- When in the application process should the storage portion of a solar + storage project be selected for incentivization?
- How should the Storage for All program best intertwine itself with the already established processes of the ILSFA program?
  - Should there be an application process for already approved ILSFA solar projects to add a storage component to the system through the Storage for All program and then a separate, distinct application process for projects that are wanting to install solar and storage together at once and looking to apply to both the ILSFA and Storage for All programs?

DISCUSSION TOPIC 3
PROGRAM FOCUS



Program Focus

- Per CRGA, the Storage for All program may be designed to support community energy resilience, disaster preparedness and/or energy bill reductions particularly for residents of low-income environmental justice communities
- CRGA gives flexibility for the Agency to determine what the goal or focus of the program should be

Program Focus



- Given the variety of benefits created by solar + storage systems, should the program be developed specifically to incent community energy resilience, disaster preparedness or energy bill reductions?
- Alternatively, should the program's focus be to incentivize development of as many storage projects as possible?
- Should the program focus – if selected – play a role in project review and selection?
  - If yes, describe how the focus area(s) can be translated into evaluation criteria and applied in an equitable manner for project selection

DISCUSSION TOPIC 4
INCENTIVE STRUCTURE



Grant, Rebate, or Other Incentive



- The Storage for All program must be designed to incentivize the development of energy storage colocated with distributed solar developed through Illinois Solar for All. Such development may be incentivized through grants, rebates or some other incentive.
  - There is flexibility as to the % of funding allocated, (up to 25% of the funds currently allocated to the Solar for All Small, Large, and nonprofit and public facility sub-programs) as well as the methodology utilized to fund the program.
- What would be the best approach?

Grant, Rebate, or Other Incentive



- Keep in mind that ILFSA is a solar incentive program in which incentives take the form of upfront payments upon energization of the system. Approved Vendors contract with either the IPA or utility (depending on funding source) to deliver the RECs the system produces for 15 years.
- Given that energy storage must be colocated with ILSFA DG projects, what would be the most efficient incentive/funding structure to integrate Storage for All projects with ILSFA DG projects?
- Should storage for all projects be integrated into ILSFA's current incentive structure?

DISCUSSION TOPIC 5
NO UPFRONT COSTS



No Upfront Costs & Other Benefits

ILSFA Required Customer Savings:

- Income-eligible households are not allowed to have upfront costs to ILSFA participation.
- Customers may not be charged more than 50% of the value of the solar credits seen from the system or community solar subscription.
- For residential on-site solar, the 50% is calculated before the application of their ComEd Low-Income Discount (LID) or Ameren ESDA; and the customer cannot have an offer that costs the customer more with their LID/ESDA than not participating in ILSFA at all.
- Currently, the vast majority of Res(Sm) project offers are no-cost to the customer

Energy Sovereignty:

- To incentivize projects that promote participant ownership, ILSFA offers up to a $10/REC adder for projects where the customer owns the project within 5-7 years.
- PY26 AV Manual (1.3.1.2): *If the project includes associated energy storage equipment, the eligible low-income household or community organization is not required to, but may, own such storage equipment to qualify as an "energy sovereignty" project.*

No Upfront Costs & Other Benefits

Home Repairs and Upgrades Pilot Initiative:

- Up to 25% of the Residential Solar (Small) budget can be dedicated by the IPA to projects receiving additional incentives to complete roof or electrical repairs or updates necessary for siting of a project.
- Incentives are in the form of a REC adder priced as the total HRUP incentive across the total contracted RECs
- In PY26, 233 Residential Solar (Small) projects applied for HRUP incentives. 160 projects were selected, receiving an average of $8,885 repairs support per project, totaling $1.49 million in home repair value and $7.26 million in Total Projected REC Value.

Additional information about HRUP design and annual reporting available on ILSFA website.

No Upfront Costs & Other Benefits



- Is there anything specific the Agency should keep in mind while working to ensure that no upfront costs are paid by participants in the Storage for All program?

- How should Storage for All identify, quantify, and prioritize the various benefits of storage to the customer, including household energy burden reduction, household and local reliability improvements, and disaster preparedness?

- How can the Agency ensure that the ILSFA program's 50% savings requirement remains unimpacted or is augmented by the addition of an energy storage component to a solar project participating in the ILSFA program?
  - Please consider that the ILSFA program prioritizes no-cost offers for Residential Solar (Small) customers and the vast majority of existing ILSFA Residential Solar (Small) projects utilize no-cost leases.

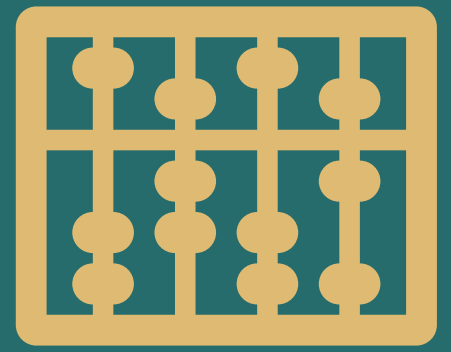
No Upfront Costs & Other Benefits



- What are other benefits seen by customers with storage included as a part of their solar installation?
- The Agency anticipates that in addition to quantifiable bill analysis, other benefits may be quantifiable as avoided outages in minutes or hours and community benefit of reduced local grid burden associated with service disruptions.
- Does the reduction of energy burden by a customer's enrollment in the relevant utility's low-income discount rate program impact the benefits seen from the addition of storage to a customer's solar installation?

DISCUSSION TOPIC 6

DOUBLE COUNTING INCENTIVES



Limiting Double Counting of Incentives

- The Storage for All program will be designed to ensure zero upfront costs for the battery storage system
  - Given the above background, the agency is researching what incentives through other programs could be available for Storage for All participants
- The storage system developed under The Storage for All program must be colocated with a project developed under IPA's established Illinois Solar for All program (ILSFA)
  - As explained in previous slides, ILSFA projects are paid out on a $/REC basis for generated electricity
- Given the above background, the Agency is attempting to limit paying for RECs generated by the solar system then again paying for those same RECs that have been stored in the storage system

Limiting Double Counting of Incentives

- Should the agency assume participation in any other sources of funding for solar + storage projects?
  - Potentially CRGA's VPP program or other existing solar + storage rebates?
- Keeping in mind Storage for All projects are required to be colocated with ILSFA projects – how should the Agency ensure that the electricity generated and then stored isn't being paid for twice?
  - I.E., first paid for once generated by the solar system then, assuming that energy is stored, paid for a second time once discharged from the storage system

Any Other Topics for Feedback?

- Open floor for discussion items that were not already addressed today



Next Steps

Request for Information

- Submit written feedback by **November 6, 2026** at 5PM to IPA.Storage@illinois.gov
- IPA to review and assess feedback in coming months
- Likely another round of written feedback to come this Winter 2026-27

Energy Storage Resources Procurement Plan

- All feedback will inform the draft ESRPP to be released on June 1, 2027
- A 45-day comment period will follow the release of the draft ESRPP on June 1st

Thank you!

Contact us with questions or further feedback here:

IPA.Storage@illinois.gov

Relevant Resources for Further Learning

RESOURCE	LINK	ABOUT
Long-Term Renewable Resources Procurements Plan • Chapter 8 – Illinois Solar for All	https://ipa.illinois.gov/content/dam/soi/en/web/ipa/documents/20260602-2026-modified-ipa-long-term-plan.pdf	The IPA's two-year plan related to all things renewable energy – including the ILSFA program and its various requirements and processes.
ILSFA Program website	https://www.illinoissfa.com/	
ILSFA Program Manual	https://www.illinoissfa.com/wp-content/uploads/2026/06/2026-2027_Approved-Vendor-Manual-Version-9.0.pdf	Manual that contains the requirements for participation in the ILSFA program. Also explains various program processes in detail.
ILSFA Resource Library	https://www.illinoissfa.com/resource-library/	Resource library for all things ILSFA
IPA Energy Storage webpage	https://ipa.illinois.gov/renewable-resources/energy-storage.html	One stop shop for all information on the IPA's energy storage efforts
US Department of Energy's Solar + Storage 101	https://www.energy.gov/cmei/systems/articles/solar-plus-storage-101	High-level explainer from US DOE on the terminology around solar-plus-storage, how many solar-plus-storage systems are in the country, and what they cost.
Union of Concerned Scientists – How Energy Storage Works	https://www.ucs.org/resources/how-energy-storage-works	High-level overview of how energy storage works and the benefits storage brings to customers
CESA's Bridging the Gap – Policies Making Energy Storage Accessible	https://www.cesa.org/resource-library/resource/bridging-the-gap-state-policies-making-energy-storage-accessible/	This report highlights emerging strategies used by the leading states to advance energy storage adoption in underserved and low-income communities.
CESA's Energy Storage Incentive Rate Setting for States	https://www.cesa.org/resource-library/resource/energy-storage-incentive-rate-setting-for-states/	This issue brief covers many topics regarding state energy incentive programs including rate-setting considerations, recommendations for energy storage incentives, equity concerns and best practices, commercial vs. residential battery incentives, and state program examples and outcomes.