

Illinois Energy Efficiency Stakeholder Advisory Group

2020 SAG Portfolio Planning Process
Proposed Energy Efficiency Ideas Template

Submitter Contact Information

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Energy Efficiency Idea Questions

Please check the boxes below to identify 1) the type of idea; 2) which Illinois utility or utilities will be impacted by the idea; and 3) which EE sector the idea impacts.

Check	Type of Energy Efficiency Idea
<input type="checkbox"/>	New Measure or New Program Idea
<input checked="" type="checkbox"/>	Proposed Program Approach
<input type="checkbox"/>	Innovative Idea

Check	Illinois Utility Impacted by Energy Efficiency Idea
<input type="checkbox"/>	Ameren Illinois
<input type="checkbox"/>	ComEd
<input type="checkbox"/>	Nicor Gas

<input type="checkbox"/>	Peoples Gas & North Shore Gas
<input checked="" type="checkbox"/>	All Illinois Utilities

Check	Energy Efficiency Sector Targeted by Energy Efficiency Idea
<input type="checkbox"/>	Residential Customers – Single Family (non-income qualified/income eligible)
<input type="checkbox"/>	Residential Customers – Multifamily (non-income qualified/income eligible)
<input checked="" type="checkbox"/>	Residential Customers – Single Family Income Qualified/Income Eligible
<input checked="" type="checkbox"/>	Residential Customers – Multifamily Income Qualified/Income Eligible
<input type="checkbox"/>	Small Business Customers (commercial & industrial sector)
<input type="checkbox"/>	Medium/Large Business Customers (commercial & industrial sector)
<input type="checkbox"/>	Other (research & development, emerging technologies, market transformation)

Additional Questions

1. **Description of Idea:** Describe the proposed idea, including the purpose of the suggested idea and rationale. Describe whether this is an idea that could be implemented in an existing EE program, or whether the idea involves establishing a new measure or program. Please indicate whether additional research may be required before implementation.

The Illinois Home Weatherization Assistance Program (IHWAP) braiding and co-delivery with the utility Income Qualified Single Family and Multifamily (IQ SF & IQ MF) Programs have overcome many of the initial barriers that arose when the IHWAP and low-income programs first transitioned from the Department of Commerce and Economic Opportunity (DCEO) to the Illinois utilities in 2017/2018. This proposal includes recommendations for how to further enhance co-delivery and maximize the effectiveness of these braided programs.

- **Coverage of mechanicals (minus central a/c)**
 - As of now, northern IL utilities include mechanicals in their 50-50 split of IHWAP+IQ program braided costs, while southern IL utilities do not in their 50-50 measure cost split. NRDC recommends the coverage of mechanicals statewide, excluding central air conditioners (except in the case of emergency replacement). Central a/cs are an expensive measure, and unless it is an emergency or critical replacement program dollars can be leveraged for other measures such as air sealing and insulation.
- **Optimal measure mix**
 - Consider adding or prioritizing certain measures in order to help reduce costs and increase savings. Including the following:
 - Add inefficient, old refrigerator replacements (*Many utilities have protocols for this in IQ programs*)
 - Add furnace fans (*for programs that aren't already including this*)

- Add all DHW conservation measures (*for programs that aren't already including this*)
 - Replace electric water heaters (*with heat pump water heaters where possible - \$2000 cost, but maybe 2000 kWh/year savings - ½ the cost of central A/C replacements, but up to 3-5 times the savings*)
 - Add Window a/c replacements
 - Target marketing of electric heat, cold climate heat pump retrofits
 - Consider appliance bulk purchases for IQ MF
- **Ways to reduce non-incentive costs**
 - Review and implement ways to reduce non-incentive IHWAP braided program costs, including overhead and management costs
- **Increasing the capacity of Community Action Agencies**
 - Increase the capacity of CAAs through IHWAP braided dollars. Consider bonuses and incentives for CAAs that reach or exceed their goals. Also explore ways to assist with staffing, paperwork, and administrative expenses and needs of smaller agencies at risk with meeting goals. Continue to align and understand other funding timelines and priorities of CAAs. Also, streamline and reduce paperwork and reporting wherever possible
- **Streamline quality assurance/quality control (QA/QC) inspections**
 - Work to coordinate and streamline QA/QC inspections, in order to reduce expenses of multiple parties doing their own inspections (CAA, utility, IHWAP, etc.) at each home/building and to reduce confusion and disruptions to the customer.
- **Increase IHWAP + IQ Multifamily braiding**
 - There is only one primary agency currently doing IHWAP braided MF projects statewide, located in Northern IL. All utilities must allow for IHWAP braided on the MF side and encourage agencies to do MF project wherever possible. Utilities should help to reduce barriers related to capacity, training, equipment, uncertainty, etc. Utilities should also encourage and help to co-pay or cover the costs for MF trainings and equipment needs.
- **Reduce confusion and competition**
 - Reduce any confusion and perceived or real competition occurring between IHWAP braided programs and utility-only programs.

2. **Implementation:** How will this idea be delivered to the target market? Describe marketing strategies used to reach the target market and minimize market confusion.

Implemented via the current utility IHWAP braided IQ programs.

3. **Background:** Describe where the idea originated from, including whether this idea has been successfully implemented in other jurisdictions. Provide specific background information that will help utilities and SAG participants understand the proposed idea.

Ideas generated via SAG and IQ meetings focused on IHWAP braided programs.

4. **Idea Impact:** Provide additional information on the customer segment that will be targeted with the program idea, including how and why this idea will have a positive impact on customers participating in Illinois EE programs.

This idea will help IHWAP braided programs see a reduction in remaining barriers to co-delivery and help stretch braided dollars further.

5. **Duration:** Is this idea intended to be offered for the duration of the 4-year EE Plan or as a pilot measure or program?

Duration of 4-year plans.

6. **Estimated Budget:** Provide the total estimated budget for each program year (2022 – 2025).

This should have no budget implications and could help reduce costs.

7. **Estimated Participation:** Provide participation totals for each program year (i.e. number of measures installed, number of customer participants, etc.)

TBD

Sources

If any sources will be useful to Illinois utilities in reviewing ideas, please either provide links within this template or send attachment(s) to the SAG Facilitator with the Energy Efficiency Idea submittal.