

SAG Market Transformation Savings Working Group: Utility Updates for April 2022 Meeting

Market Transformation Initiative	Brief Description of Initiative	Utility Participation in 2022	Brief Status Update
Advanced Windows (Thin Triple Pane)	Accelerate the adoption of next generation window products, such as thin triple windows and quad-pane windows, to improve building envelope thermal performance. A new version of triple pane windows provides roughly the same insulation value (~R-5) of conventional triple pane windows without the added frame thickness and weight; uses the same glazing unit dimensions as double-pane windows; 40% more efficient than typical double-pane windows	Ameren Illinois, ComEd, Nicor Gas	Participate in advanced windows quantitative research, co-funding an Illinois-wide quantitative market assessment developing research objectives and questions with other founders. Engagement with PAWS group to build coalition of market actors supporting advanced windows.
Code Advancement - Energy Stretch Codes and Building Performance Standards	Advance statewide baseline building energy code. Support stretch code development and accelerate stretch code adoption. Develop savings and attribution models; develop natural market baselines.	ComEd, Nicor Gas, Peoples Gas, North Shore Gas	Stretch Codes-> In progress; update scheduled during April 21 Working Group meeting Building Performance Standards-> To begin Q2 2022
Efficient Rooftop Units	Increase efficiency of rooftop units through product differentiation and ultimately standards	Nicor Gas	Quantitative market research, develop IL natural market baseline; logic model development
ENERGY STAR Retail Products Platform (ESRPP)	A national collaborative midstream initiative of ENERGY STAR, utility EE program sponsors, retailers, and other stakeholders	ComEd	Natural Market Baseline in development
Gas Heat Pumps	Accelerate the adoption of next generation of gas heat pump technologies for water heating and space conditioning.	Nicor Gas, Peoples Gas, North Shore Gas	Participation in the North American Gas Heat Pump Collaborative Conducted market research on residential water heating and space conditioning markets Accelerate codes / certification / standards. Conduct research to segment installers, identify early adopters. Developing collateral to build awareness.
Luminaire Level Lighting (LLL) Controls	LLL controls are lighting products that combine LEDs, controls, connectivity and data to improve occupant comfort and space utilization	Ameren Illinois	Remove awareness and skillset barriers among Program Allies via training on fundamentals and commissioning of LLLC. Address awareness barriers among industry associations via webinars and and end users through marketing efforts. Install incentivized pilots projects to jump-start the market. Continue to understand small business customers via customer analytics to further fine-tune the initiative's strategy
Secondary Glazing System	Secondary glazing systems (SGS) are an envelope retrofit technology in commercial buildings that improves thermal performance of poorly performing existing windows.	ComEd, Nicor Gas	Initial market research study to understand current SGS market volume in Illinois, its potential for growth and challenges to higher market adoption.