

Program Planning Template

2017 – 2020 Programs

GY 7 – 9; EY 10 - 12

Program Applicable for: Ameren _____ ComEd _____ DCEO _____
 Nicor _____ People’s Gas/North Shore Gas _____

Program Name	Market Transformation Emerging Technologies Program
Program Description	The purpose of this Program is to identify and evaluate emerging electric and gas energy saving products, equipment, and integrated solutions, and assess their suitability for future use in public buildings and low income applications. Once validated, these technologies will be incorporated into the Department's Public Sector and Market Transformation Programs. The ultimate goal is to provide these sectors access to cutting edge solutions, with less risk and more certainty. This work will be coordinated with that of other Program Administrators, to ensure we are not duplicating efforts and findings from assessments are shared.
Program Duration	6/17 through 5/20
Delivery Strategy	<p>This Program will assess commercially-available, but underutilized, energy efficient electric and gas products and practices, for use in public and low income buildings. Although the target market for the technologies will be the public and low income sectors, the Department expects that the evaluations conducted under this Program will be able to be leveraged by the other Program Administrators as well. A process for screening, prioritizing, evaluating, and supporting emerging technologies will be utilized:</p> <ul style="list-style-type: none"> • Outreach to solicit emerging technology applicants <ul style="list-style-type: none"> • Marketing to Trade Allies, trade associations, implementers, manufacturers and utility personal • Web-based portal for applications • Technology selection process <ul style="list-style-type: none"> • Technical experts • Consultation with fellow Program Administrator emerging technology leads • Selection committee • Measurement and verification or other program support <ul style="list-style-type: none"> • Assessment of existing deployment information • Installation, energy efficiency performance validation • Post-validation technology deployment activities <ul style="list-style-type: none"> • Sharing results with fellow Program Administrators and SAG • Education to stakeholders and contractors • Moving technologies to Department’s public and low income incentive programs <p>The Department will be responsible for overseeing the Program and will partner with a competent, professional, and experienced emerging technologies organization for implementation support.</p>
Target Market	Public buildings and low income housing
Marketing Strategy	Information about the Program will be on the Department’s website, and a web-based portal will be created and marketed for applications. Since this is the first time the Program will be offered, the Department will also host an informational webinar, specifically focusing on Trade Allies, trade associations, and manufacturers. Information about the Program will also be disseminated via email and meetings with fellow Program Administrators, program implementation partners, Trade Allies, and EE stakeholders. Marketing materials and education will be made available at energy efficiency events in Illinois, both to solicit emerging technology applicants, as well as to promote validated technologies.
Eligible Measures	Any technology that is: 1) underutilized in Illinois, particularly public sector facilities and/or low income residences; 2) commercial or very near commercially-available; and 3) has the potential for substantial electric and/or gas energy efficiency gains in the public or low income sectors.

Program Targets

Participation Levels

	PY10	PY11	PY12	Total
Emerging technologies reviewed	20-25	20-25	20-25	60-75
Emerging technologies incorporated into Department incentive programs		5-10	5-10	10-20

Program Budget

ELECTRIC	PY10	PY11	PY12	Total
Implementation	\$1,486,650	\$1,486,650	\$1,486,650	\$4,459,950
Incentives	\$0	\$0	\$0	\$0
Total	\$1,486,650	\$1,486,650	\$1,486,650	\$4,459,950
GAS	PY10	PY11	PY12	Total
Implementation	\$373,750	\$373,750	\$373,750	\$1,121,250
Incentives	\$0	\$0	\$0	\$0
Total	\$373,750	\$373,750	\$373,750	
COMBINED	PY10	PY11	PY12	Total
Implementation	\$1,860,400	\$1,860,400	\$1,860,400	\$5,581,200
Incentives	\$0	\$0	\$0	\$0
Total	\$1,860,400	\$1,860,400	\$1,860,400	\$5,581,200