

# Program Planning Template

## 2014 – 2017 Programs

### GY 4 – 6; EY 7 - 9

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Program Applicable for: Ameren \_\_\_\_\_ ComEd \_\_\_\_\_ DCEO  X   
Nicor \_\_\_\_\_ People's Gas/North Shore Gas \_\_\_\_\_

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<b>Program Name</b>	<b>Residential Retrofit ( 2014 through 2017)</b>
<b>Objective</b>	Achieve electricity and natural gas savings in low-income gas-heated homes. Achieve electricity savings in low-income electrically-heated households.
<b>Target Market</b>	Low income renters and owners
<b>Program Duration</b>	June 1, 2014 through May 31, 2017
<b>Program Description</b>	<p>The Program partners with such groups as the Historic Chicago Bungalow Association, the Delta Institute, the Center for Neighborhood Technology, the Community Development and Planning Program and the Illinois Housing Development Authority to promote energy efficiency, home repair and renovation in low-income neighborhoods, often coupled with other funding sources.</p> <p>The Program also builds on the existing Illinois Home Weatherization Assistance Program (IHWAP) administered by the Office of Energy Assistance within DCEO. The goal of IHWAP is to improve energy efficiency in existing low income homes.</p>
<b>Eligible Customers</b>	<p>Home improvement programs shall be targeted to households at or below 80% of the Average Median Income (AMI).</p> <p>The IHWAP shall be targeted to households at or below 200% of the poverty level.</p>

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Program Name	Residential Retrofit ( 2014 through 2017)	
<b>Eligible Electric Measures</b>	<b>Electric Measures</b>	<b>kWh/unit</b>
	1. Energy Star Refrigerator	743
	2. CFL installation (1 lamp)	32
	3. Energy Star rated bathroom exhaust fan	89
	4. SEER 14 central air conditioner w/ programmable thermostat	1,119
	5. Energy Star rated room air conditioner	74
	6. Replace electric water heater	162
	7. Energy Star rated fluorescent fixtures	41
	8. Energy Star rated dishwasher	26
	9. Energy Star rated ceiling fan	88
	10. Energy Star rated heat pump	2,682
	11. Energy Star rated heat pump WH	1,976
	12. Efficient air handler motor	710
	13. Air Sealing	519
	14. Wall Insulation	60
15. Attic Insulation	78	
<b>Eligible Gas Measures</b>	<b>Gas Measures</b>	<b>Therms/yr</b>
	1. Install high efficiency furnace	131
	2. Install Energy Star rated gas water heater	27
	3. Air sealing	71
	4. Wall insulation	55
	5. Attic insulation	72
	6. Boiler reset controls	1,049
	7. Pipe insulation	4/ft
8. Steam balancing	29	
<b>Implementation Strategy</b>	DCEO will partner with other state agencies and local administering agencies (LAA's) to improve the energy efficiency of existing low income households. The partners will continue to administer the IHWAP Programs with additional funding from DCEO. The partners or the LAA's will identify eligible households and directly install the energy efficiency measures.	
<b>Marketing Strategy</b>	Program will be marketed through utility bill inserts and existing low-income advocacy organizations and other partners.	

Program Name	Residential Retrofit ( 2014 through 2017)		
<b>Incentive Levels</b>	<b>Electric Measures</b>	<b>Incentive per Unit</b>	
	1. Energy Star Refrigerator	\$700	
	2. CFL installation (1 lamp)	\$5	
	3. Energy Star rated bathroom exhaust fan	\$450	
	4. SEER 14 central air conditioner w/ programmable thermostat	\$3,100	
	5. Energy Star rated room air conditioner	\$400	
	6. Replace electric water heater	\$600	
	7. Energy Star rated fluorescent fixtures	\$95	
	8. Energy Star rated dishwasher	\$550	
	9. Energy Star rated ceiling fan	\$250	
	10. Energy Star rated heat pump	\$2,500	
	11. Energy Star rated heat pump WH	\$2,500	
	12. Efficient air handler motor	\$100	
	13. Air Sealing	\$260	
	14. Wall Insulation	\$845	
	15. Attic Insulation	\$780	
	<b>Gas Measures</b>	<b>Incentive per Unit</b>	
	1. Install high efficiency furnace	\$1400	
	2. Install Energy Star rated gas water heater	\$600	
	3. Air sealing	\$140	
4. Wall insulation	\$455		
5. Attic insulation	\$420		
6. Boiler reset controls	\$620		
7. Pipe insulation	\$7/ft		
8. Steam balancing	\$113		
<b>Milestones</b>	<ul style="list-style-type: none"> <li>• 2014: Total 16,300 units; Total budget \$8,092,000</li> <li>• 2015: Total 16,300 units; Total budget \$8,092,000</li> <li>• 2016: Total 16,300 units; Total budget \$8,092,000</li> </ul>		

<b>Program Name</b>	<b>Residential Retrofit ( 2014 through 2017)</b>		
<b>Estimated Participation</b>			
	<b>Year 1 Participation</b>	<b>Year 2 Participation</b>	<b>Year 3 Participation</b>
Home Improvement Programs	8,100 units	8,100 units	8,100 units
IHWAP	8,200 units	8,200 units	8,200 units

<b>Program Name</b>	<b>Residential Retrofit ( 2014 through 2017)</b>				
<b>Estimated Budget</b>	<b>Budget Information Total Program (Gas + Electric)</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
	Program Implementation	\$655,522	\$670,335	\$676,130	\$2,001,987
	Portfolio Admin	\$809,287	\$827,574	\$834,728	\$2,471,589
	Incentives	\$6,628,057	\$6,777,833	\$6,836,425	\$20,242,315
	<b>Total</b>	<b>\$8,092,866</b>	<b>\$8,275,742</b>	<b>\$8,347,283</b>	<b>\$24,715,891</b>
	<b>Electric Budget Information Total Program</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
	Program Implementation	\$467,810	\$482,196	\$487,748	\$1,437,754
	Portfolio Admin	\$577,543	\$595,304	\$602,158	\$1,775,005
	Incentives	\$4,730,078	\$4,875,539	\$4,931,672	\$14,537,290
	<b>Total</b>	<b>\$5,775,432</b>	<b>\$5,953,039</b>	<b>\$6,021,577</b>	<b>\$17,750,048</b>
	<b>ComEd (72.2%)</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
	Program Implementation	\$340,907	\$350,087	\$353,867	\$1,044,860
Portfolio Admin	\$420,872	\$432,206	\$436,872	\$1,289,950	
Incentives	\$3,446,944	\$3,539,764	\$3,577,984	\$10,564,691	
<b>Total</b>	<b>\$4,208,722</b>	<b>\$4,322,056</b>	<b>\$4,368,722</b>	<b>\$12,899,500</b>	
<b>Ameren (27.8%)</b>					
<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>	
Program Implementation	\$126,903	\$132,110	\$133,881	\$392,894	
Portfolio Admin	\$156,671	\$163,098	\$165,286	\$485,055	
Incentives	\$1,283,135	\$1,335,776	\$1,353,688	\$3,972,599	
<b>Total</b>	<b>\$1,566,709</b>	<b>\$1,630,984</b>	<b>\$1,652,855</b>	<b>\$4,850,548</b>	

Program Name	Residential Retrofit ( 2014 through 2017)				
Estimated Budget (Continued)	<b>Gas Budget Information Total Program</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
	Program Implementation	\$187,712	\$188,139	\$188,382	\$564,233
	Portfolio Admin	\$231,743	\$232,270	\$232,571	\$696,584
	Incentives	\$1,897,978	\$1,902,294	\$1,904,753	\$5,705,025
	<b>Total</b>	<b>\$2,317,434</b>	<b>\$2,322,703</b>	<b>\$2,325,706</b>	<b>\$6,965,843</b>
	<b>Ameren (25.1%)</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
	Program Implementation	\$47,087	\$47,514	\$47,757	\$142,359
	Portfolio Admin	\$58,133	\$58,660	\$58,960	\$175,752
	Incentives	\$476,106	\$480,421	\$482,881	\$1,439,408
	<b>Total</b>	<b>\$581,326</b>	<b>\$586,595</b>	<b>\$589,598</b>	<b>\$1,757,519</b>
	<b>NICOR (32.1%)</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
	Program Implementation	\$60,342	\$60,342	\$60,342	\$181,026
	Portfolio Admin	\$74,496	\$74,496	\$74,496	\$223,489
	Incentives	\$610,125	\$610,125	\$610,125	\$1,830,376
	<b>Total</b>	<b>\$744,964</b>	<b>\$744,964</b>	<b>\$744,964</b>	<b>\$2,234,891</b>
	<b>People's Gas (39.5%)</b>				
	<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>
Program Implementation	\$74,087	\$74,087	\$74,087	\$222,260	
Portfolio Admin	\$91,465	\$91,465	\$91,465	\$274,396	
Incentives	\$749,100	\$749,100	\$749,100	\$2,247,300	
<b>Total</b>	<b>\$914,652</b>	<b>\$914,652</b>	<b>\$914,652</b>	<b>\$2,743,956</b>	
<b>North Shore (3.3%)</b>					
<b>Budget Category</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Total</b>	
Program Implementation	\$6,196	\$6,196	\$6,196	\$18,588	
Portfolio Admin	\$7,649	\$7,649	\$7,649	\$22,948	
Incentives	\$62,647	\$62,647	\$62,647	\$187,942	
<b>Total</b>	<b>\$76,492</b>	<b>\$76,492</b>	<b>\$76,492</b>	<b>\$229,477</b>	

Program Name	Residential Retrofit ( 2014 through 2017)								
Savings Targets		Year 1		Year 2		Year 3		Total	
		MWh	MW	MWh	MW	MWh	MW	MWh	MW
	Ameren (27.8%)	1,789	0.32	1,813	0.32	1,834	0.32	5,436	0.96
	ComEd (72.2%)	4,788	0.91	4,915	0.91	4,963	0.91	14,665	2.73
	Total Gross Electric Savings	6,577	1.23	6,728	1.23	6,797	1.23	20,101	3.69
	Total Net Electric Savings (100% NTG)	6,577	1.23	6,728	1.23	6,797	1.23	20,101	3.69
Other Program Metrics		Year 1	Year 2	Year 3	Total				
		Therms	Therms	Therms	Therms				
	Ameren (25.1%)	68,207	69,076	68,854	206,136				
	Nicor (32.1%)	157,869	157,869	157,869	473,606				
	Peoples (39.5%)	74,345	74,345	74,345	223,035				
	North Shore (3.3%)	17,459	17,459	17,459	52,377				
	Total Gross Gas Savings	317,879	318,748	318,526	955,153				
	Total Net Gas Savings (100% NTG)	317,879	318,748	318,526	955,153				
	Statewide								
TRC	1.08								
TRC w/NEBs	1.19								