

# Memorandum

To: Illinois Stakeholder Advisory Group  
From: Antje Flanders (Opinion Dynamics) on behalf of the Illinois Net-to-Gross Working Group  
Date: January 29, 2016  
Re: Illinois TRM Net-to-Gross Attachment – DRAFT 3

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To all interested parties:

The Illinois NTG Working Group has completed the compilation of comments on Draft 2 of the *Illinois Statewide Net-to-Gross Methodologies* document (IL-TRM\_Attach A\_IL-NTG Methods\_01\_15\_16\_DRAFT2). The Working Group has also largely completed response to those comments and revisions to the Methods document. The following parties submitted comments:

- Shraddha Raikar (ERC)
- Jennifer Morris (ICC)
- Hannah Arnold (Opinion Dynamics)
- David Diebel (ADM)
- Antje Flanders (Opinion Dynamics)
- Erin Daughton (ComEd)
- Jane Colby (Cadmus)

Overall, comments were largely of editorial nature, seeking clarification or pointing out inconsistencies. A few comments from within the workgroup pointed out inadvertent errors introduced in the Draft 2 version of the document. In our judgment, no substantive comments were submitted that would require clarifying discussions with the commenter or deliberation within the SAG.

Embedded in this memo (next page) are three documents:

- **IL-TRM\_Attach A\_IL-NTG Methods\_01\_29\_16\_DRAFT3**: The updated IL-NTG Methods Document, incorporating revisions made by the Illinois NTG Working Group in response to stakeholder feedback.
- **IL-TRM\_Attach A\_IL-NTG Methods\_01\_29\_16\_DRAFT3-Tracked**: A redlined version of Draft 3, that tracks all changes relative to the Draft 2 version from 1/15/2016.
- **Summary of Stakeholder Comments 2016-01-29.xlsx**: This spreadsheet itemizes all comments and provides a response, where necessary. Note that page numbers in column B refer to the original Draft 2 version of the document. The final column provides the status of each comment/comment response. *It should be noted that a few items are still under discussion within the workgroup. These items are marked as "Assigned" or "Workgroup to ok".*

Given the lack of substantive changes to the Draft 2 version of the Document, the NTG Working Group suggests that the SAG meeting currently scheduled for Monday 2/1 is not necessary. However, the group is happy to meet for discussion if there are questions related to the changes in this draft.

*Please respond to Celia by Monday February 1<sup>st</sup>, noon CT if you would like to have the 2/1 meeting.*

In addition, we ask that stakeholders (in particular program administrators) conduct a final review of Tables 3-1 and 4-1 in the NTG Attachment. For your convenience, these tables are reproduced on the following pages. These tables list the programs offered by the program administrators and the free ridership protocols to which they are subject. The objective of this review is to ensure that all program administrator programs – including those that are for the first time offered in PY8 or PY9 and have not yet been evaluated – are included in these tables.

*If programs are missing, please submit feedback via email to Antje Flanders ([aflanders@opiniondynamics.com](mailto:aflanders@opiniondynamics.com)) and Zach Ross ([zross@opiniondynamics.com](mailto:zross@opiniondynamics.com)) by COB Wednesday February 3<sup>rd</sup>.*



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Summary of  
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Table 3-1. Commercial, Industrial, and Public Sector Programs

Program Administrator	Free Ridership Protocol Name <sup>A</sup>	Program Name
Ameren Illinois	Core Non-Residential	C&I Custom
		C&I Standard
	Small Business	Small Business Direct Install
	Study-Based	C&I Retro-Commissioning
ComEd	Core Non-Residential	BILD/Midstream
		CLEAResult School DI
		Custom Incentive
		DCV - Matrix Demand-Based Fan Control
		DCV - Sodexo Demand Control Ventilation
		Matrix K through 12 Private Schools DI
		New Construction – Small Buildings
		Small Commercial HVAC Tuneup
		Standard Incentive
		Agricultural EE Program (CoAg)
		Luminaire Level Lighting Control
		EE Technologies to Address Peak Load in Assisted Living and Senior Housing
		Enhanced Building Optimization Program
		Savings through Efficient Products (STEP)
	Small Business	Small Business Energy Savings
		Rural Small Business EE Kits
		Small Commercial Lit Signage
	C&I New Construction	C&I New Construction
	Study-Based	Data Centers
		Industrial Systems Optimization
	Behavioral*	Retrocommissioning
		Agentis C&I Behavioral Program
	TBD**	Power TakeOff – Small Business MBCx
Strategic Energy Management		
NTG = 1	LED Streetlighting	
Department of Commerce	Core Non-Residential	Public Sector Custom
		Public Sector Custom - CHP Component
		Public Sector Natural Gas Boiler Systems Efficiency
		Public Sector Standard
	Savings through Efficient Products	
	C&I New Construction	Public Sector New Construction
	Study-based	Public Sector Retro-Commissioning
	Energy Assessments	Energy Assessment and New Construction Design Assistance
Code Compliance*	Building Energy Code Compliance	

Program Administrator	Free Ridership Protocol Name <sup>A</sup>	Program Name
	None	Building Operator Certification Performance Contracting
Nicor	Core Non-Residential	Business Custom (except Retro-Commissioning)
		Business Energy Efficiency Rebate
		Combined Heat and Power (CHP)
	New Construction	Business New Construction
	Small Business	Small Business Energy Savings
	Study-based	Business Custom (Retro-Commissioning component)
	TBD**	Small Business New Construction Strategic Energy Management (SEM)
N/A	Emerging Technology	
PG/NSG	Core Non-Residential	C&I Custom
		C&I Direct Install
		C&I Gas Optimization
		C&I New Construction (joint)
		C&I Prescriptive
		MF Custom
		MF Gas Optimization
		Retro-commissioning (Joint)
	Small Business	SB Custom
		SB Direct Install & Assessment
		SB Partner Trade Ally
		SB Prescriptive
	New Construction	C&I New Construction (joint)
Study-Based	Retro-commissioning (Joint)	
All	Code Compliance*	Statewide Codes Collaborative

<sup>A</sup> The "Free Ridership Protocol Name" refers to the numbered subsections in Section 3 of the NTG Attachment, e.g., 3.2 Small Business Protocol."

\*Protocols are presented in Section 5: Cross-Sector Protocols.

\*\*The applicable protocol for this program has yet to be determined.

Table 4-1. Residential and Low Income Programs

Program Administrator	Free Ridership Protocol Name <sup>A</sup>	Program Name	
Ameren Illinois	Appliance Recycling	Appliance Recycling	
	Residential Upstream Lighting	Upstream Lighting	
	Prescriptive Rebates	Heating and Cooling	
	Single Family Home Energy Audits	Moderate Income	
		Home Performance with Energy Star	
		All Electric Homes (Single Family)	
	Multifamily	Multifamily	
		All Electric Homes (Multifamily)	
	Energy Saving Kits and Elementary Education	Direct Mail Kits, School Kits	
Residential New Construction	ENERGY STAR New Homes		
Behavioral*	Behavior Modification		
ComEd	Appliance Recycling	Fridge and Freezer Recycling	
	Residential Upstream Lighting	Lighting Discounts	
	Prescriptive Rebates	Appliance Rebates	
		Heating and Cooling Rebates	
		Weatherization Rebates	
	Single Family Home Energy Audits	Home Energy Assessments	
	Multifamily	Residential Multifamily	
		Elevate Energy Multifamily All Electric	
	Energy Saving Kits and Elementary Education	SuperSavers – Elementary Education Kits	
	Residential New Construction	Residential New Construction	
Behavioral*	Home Energy Reports (Opower)		
	Power Smart Reports		
	Shelton Solutions Great Energy Stewards		
Department of Commerce	NTG=1†	Residential Retrofit (Low Income)	
		Public Housing Authority Efficient Living Program	
		Affordable Housing Construction Program	
Nicor	Prescriptive Rebates	Home Energy Efficiency Rebates	
	Single Family Home Energy Audits	Home Energy Savings	
	Multifamily	Multifamily Home Energy Services	
	Energy Saving Kits and Elementary Education	Kits	
		Elementary Energy Education	
	Residential New Construction	Residential New Construction	
Behavioral*	Behavioral Energy Savings		
Peoples Gas/North Shore	Prescriptive Rebates	Home Energy Rebates	
	Single Family Home Energy Audits	Home Energy Jumpstart	

Program Administrator	Free Ridership Protocol Name <sup>A</sup>	Program Name
	Multifamily	Multifamily
	Energy Saving Kits and Elementary Education	Elementary Energy Education
	Behavioral*	Home Energy Reports
All	Code Compliance*	Statewide Codes Collaborative

<sup>A</sup> The "Free Ridership Protocol Name" refers to the numbered subsections in Section 4 of the NTG Attachment, e.g., "4.6 Multifamily Protocol."

\*Protocols are presented in Section 5: Cross-Sector Protocols.

† The Uniform Methods Project notes that "most low-income programs are not subject to NTG analysis (that is, are deemed at 1.0)." In line with that common practice, the NTG of the Public Housing Authority Efficient Living Program, Affordable Housing Construction Program, and Residential Retrofit Program administered by the Department of Commerce is deemed at 1.0. See Violette and Rathbun, Chapter 17: Estimating Net Savings: Common Practices. The Uniform Methods Project: Methods for Determining Energy Efficiency Savings for Specific Measures, available electronically at <http://www.nrel.gov/docs/fy14osti/62678.pdf>, p. 50.