

**Illinois Energy Efficiency Stakeholder Advisory Group  
Large Group Meeting  
Thursday, Sept. 3, 2020  
9:30am-12:30pm**

**Teleconference Meeting  
Annual Net-to-Gross (NTG) Update Process: NTG Meeting #1**

**Meeting Notes**

*Information about this year's NTG update process can be found on the [2021 NTG page](#).*

**Attendees (by webinar)**

Celia Johnson, SAG Facilitator  
Greg Ehrendreich, Midwest Energy Efficiency Alliance (MEEA) – Meeting Support  
Laura Agapay-Read, Guidehouse  
Matt Armstrong, Ameren Illinois  
Charles Bicknell, Nexant  
Shonda Biddle, Walker-Miller Energy Services  
David Brightwell, ICC Staff  
Ben Campbell, Energy Resources Center, UIC  
Craig Catallo, Franklin Energy  
Jane Colby, Apex Analytics  
Leanne DeMar, Nicor Gas  
Gabe Duarte, CLEAResult  
Katherine Elmore, Community Investment Corp.  
Jeff Erickson, Guidehouse  
Lance Escue, Ameren Illinois  
Jennifer Fagan, Verdant Associates  
Jim Fay, ComEd  
Jason Fegley, Ameren Illinois  
Scott Fotre, CMC Energy  
Michael Freed, Guidehouse  
Jean Gibson, Peoples Gas & North Shore Gas  
Kevin Grabner, Guidehouse  
Andrey Gribovich, DNV-GL  
Walid Guerfali, ICF  
Randy Gunn, Guidehouse  
Vince Gutierrez, ComEd  
Dave Hernandez, ComEd  
Mark Hamann, ComEd  
Ashley Harrington, ComEd  
Travis Hinck, GDS Associates  
Julie Hollensbe, ComEd  
Hannah Howard, Opinion Dynamics  
Michael Ihesiaba, ICF  
Jim Jerozal, Nicor Gas  
Lalita Kalita, ComEd  
Haley Keegan, Resource Innovations  
Larry Kotewa, Elevate Energy

John Lavalley, Leidos  
Bruce Liu, Nicor Gas  
Sharon Madigan, ComEd  
Marlon McClinton, Utilivate  
Brady McNall, DNV-GL  
Rebecca McNish, ComEd  
Samarth Medakkar, MEEA  
Nishant Mehta, Guidehouse  
Cheryl Miller, Ameren Illinois  
Abigail Miner, IL Attorney General's Office  
Fernando Morales, Ameren Illinois  
Phil Mosenthal, Optimal Energy, on behalf of IL Attorney General's Office  
Sharon Mullen, Guidehouse  
Victoria Nielsen, Applied Energy Group  
Lorelei Obermeyer, CLEARResult  
Randy Opdyke, Nicor Gas  
Christina Pagnusat, Peoples Gas & North Shore Gas  
Katie Parkinson, Apex Analytics  
Emily Pauli, ComEd  
Michael Pittman, Ameren Illinois  
Reine Rambert, MEEA  
Walter Roberson, Utilivate  
Zach Ross, Opinion Dynamics  
Cherlyn Seruto, Guidehouse  
Ramandeep Singh, ICF  
Milos Stefanovic, ComEd  
Todd Thornburg, ComEd  
Evan Tincknell, Opinion Dynamics  
Desiree Vasquez, Franklin Energy  
Andy Vaughn, Leidos  
Chris Vaughn, Nicor Gas  
Ted Weaver, First Tracks Consulting, on behalf of Nicor Gas  
David Whittle, Leidos  
Peter Widmer, Power Takeoff  
Matthew Wisnepske, Cadmus Group  
Angie Ziech-Malek, CLEARResult  
Joel McManus, TRC Companies  
Patricia Plympton, Guidehouse  
Arvind Singh, DNV-GL  
Sara Wist, Cadmus Group  
Katie Baehring, Franklin Energy  
Amy Buege, Verdant Associates  
James Carlton, People for Community Recovery  
Deb Dynako, Slipstream  
Jon Gordon, Enervee  
Oscar Mora-Diaz, Energy Resources Center, UIC  
Alberto Rincon, Future Energy Enterprises  
Nicholas Wood, Anura Energy

## **Meeting Notes**

See **red text** for follow-up questions.

## **Opening & Introductions**

*Celia Johnson, SAG Facilitator*

### **Purpose of September 3 Meeting:**

For independent evaluators to share initial Net-to-Gross (NTG) recommendations for the 2021 program year, including changes compared to 2020, notable research results, and any recommendations related to COVID-19.

### **Process Overview:**

Recommended NTG ratios are produced annually by the independent evaluators. Stakeholders & utilities review. Required to be finalized by Oct 1 each year. Additional background on NTG page on ILSAG website. Values will be effective for program year starting Jan 1, 2021. If no consensus, then final evaluator recommendation will be deemed. Meetings 2, 3 and 4 will follow up on open issues identified today and discuss consensus on NTG ratios.

## **Ameren Illinois NTG Values**

*Zach Ross, Opinion Dynamics*

- Rows highlighted in yellow have research currently underway, hope by next meeting or third meeting will have updated values for those at that time.
- Rows highlighted in green are updated values for 2021 or are re-added from prior years if a program design is potentially going to need them.
- Unhighlighted rows are unchanged from last year.

### **NTG Recommendations:**

- Business Standard Initiative: Same as recommended for 2020 right now; Expect later in September will have updates to many of these values
- Ameren expects in 2021 to offer some small business envelope, piloted in 2020. Will recommend using small business direct install values. May recommend updated value.
- Adding recommendation for small biz refrigeration. Have provided in prior years. Average of refrigerator specific values from previous research.
- Business Midstream: Adding advanced thermostats row that may be offered. N/A on NTG because TRM incorporates net effects.

*[Phil Mosenthal] What is vintage of study on LEDs?*

*[Zach Ross] PY19 but we are doing an updated study for next year's NTG process.*

- Other midstream measures that may be offered are AC and heat pump water heaters. No research we have done for Ameren before. We drew our recommendation from a 2017 evaluation of Xcel CO. Methodology is similar to the methodology we use in IL. Best we could do without IL specific research.
- Also proposing updated NTG for measures through business standard online store. Higher than past years. Lots of spillover found in research on 2019 program.

- Retrocommissioning: Conducted updated participant research over past year. Small program in terms of completed projects – had only 6 interviews (40% of sample). Research found a NTG of 75% not presented here – will explain why. As of summer, has stopped offering compressed air RCx. Focus moving forward will be on large facility and lighting RCx rather than industrial systems. As a result, didn't feel current research represented the same types of projects. Therefore, for those are recommending value based on PY19 ComEd research. If participation supports it, will do more research in the future.
- Industrial refrigeration and compressed air recommendation averaging PY9 research and 2019 research. Driven by very small response to survey. Average would be more representative of likely future.

*[Jim Jerozal] Is there a gas NTG on compressed air RCx?*

*[Zach Ross] There isn't, thanks for catching.*

*[Andy Vaughn] There are occasional things identified like heat reclaim on compressed air, it's rare. Maybe a deemed value to have something in case it is needed and have agreement.*

*[Zach Ross] Makes sense, will look again. We have BTU weighted in the past. Will look and make sure we still think it is appropriate on gas side.*

*[Jim Jerozal] Should it be the 80% default value, for gas compressed air?*

*[Zach Ross] In past year we haven't seen gas savings for these projects but for if we do identify gas savings would be appropriate to use the researched value because it reflects the same decision-making process for the customers. I would rather use researched than the default value in this case.*

*[Peter Widmer] For RCx program here and ComEd VCx has a subset NTG. Wanted to talk about that here.*

*[Zach Ross] We noticed we hadn't made a Power TakeOff recommendation for Ameren and will recommend 1.0 value for that. SAG has had extensive discussion in past years for ComEd and we believe that is appropriate for Ameren Illinois as well.*

- Municipal-Owned Streetlighting: For Ameren-owned is 100% NTG ratio, research done for municipal-owned and found value recommending 69%.

*[Phil Mosenthal] On advanced thermostats, rationale was that savings already reflect net?*

*[Zach Ross] Our recommendation is that the savings recommend net based on our current understanding of the TRM value. Still under discussion for 9.0 and if it needs to be updated we will do that.*

*[Phil Mosenthal] Pretty sure that we are going to do the update in this version of the TRM based on the econometric study. In that case there would be no implicit accounting for NTG in the methodology I believe.*

*[Zach Ross] This is for the business advanced thermostat, the study focused on residential. We have conducted some free ridership research for both res and business and if we need it, we can draw on that.*

*[Phil Mosenthal] I don't see a change recommended on business instant incentive for LEDs – market has been moving quickly and value seems high. I wonder if we should look at more recent evaluations of those types of programs*

*[Zach Ross] We can revisit in meeting 2 after hearing what the ComEd recommendation is. We tend to prefer IL-specific research. Market is evolving rapidly and I understand your point. Have future research planned and we can come up with a way to address this.*

#### Residential Retail Products Program:

- In prior years has been predominantly lighting and advanced thermostats. Additional appliances recently added to program and have recommendations for those today. Added recommendations for income qualified customers purchasing through this program. Historically have recommended one NTG to be applied to all measures except power strips. Trying to bring into line with ComEd recommendations. Recommending 1.0 for all IQ NTG ratios for retail products program, lighting and non-lighting. For lighting, that would include a share of sales going to IQ customers but not from big box, DIY stores, or warehouse stores. LED lighting IQ added, and Food Bank.
- Updated values for refrigerators, freezers, washers and dryers. Did Ameren research to update previous values. NTG values have gone down from previous values – higher free ridership. Somewhat interim because have just finished research. Will provide updates that include spillover in Meeting 2. Expect they are in the right range right now.

*[David Brightwell] What was the research on pool pumps on IQ?*

*[Zach Ross] Just an addition of an IQ NTG ratio to provide a separate NTG if we can determine that a share of products go to IQ customers*

*[David Brightwell] How many IQ-eligible customers have pools? If you are buying a pool wouldn't you buy an efficient pool pump?*

*[Zach Ross] No specific research on that.*

*[Phil Mosenthal] How are IQ identified on these?*

*[Zach Ross] For upstream, using a CLEAResult tool called RSTAT that uses geographic data around the store. Same approach we will be using for LED lighting measure lives. For many of these Ameren does collect information on customer application rebate form, and we will use ZIP codes to determine whether it can be considered IQ or not.*

*[Phil Mosenthal] Did note that advanced thermostats, same rationale listed there.*

*[Zach Ross] Will flag that as a follow up item, thank you.*

*[Andy Vaughn] Two comments. On advanced thermostat think there is a lot to be seen on that still. Assuming that econometric study would apply to Ameren territory. Can revisit this one later. On clothes washers appears to be missing gas values.*

*[Zach Ross] Should be the same as electric value, weighted the same way, will add that. Don't have a position on adv. Thermostats because TRM 9 is not finalized yet on that. If changes are made after October, we can update values later on.*

#### Home Efficiency Non-IQ

- Expect to continue offering measures on residential that were previously offered only on IQ side. Research from past program is dated (PY6) and not sure that program design is how measures will be delivered. Recommending the default value of 0.8. Can do future research. Should be a gas value for that as well, will mark that for update.

#### Appliance Recycling

- Updated research this year – 47% refrigerator and 54% freezer. Much higher two years ago, were higher than we saw historically or nationwide. We had just restarted in 2018 and that's a potential explanation was pent-up demand. This year's research values are in line with historical values and recommending those for 2021.

#### Residential HVAC

- Conducted updated research for Central AC and Heat Pumps. Separate values for early retirement and burn-out. Substantially lower early retirement value than previous. For burnout, somewhat higher than previous recommendation. These are inclusive of both participant and trade ally perspective on free riders and spillover.

#### Midstream AC and Heat Pump Water Heaters

- No research. No comparable recent and representative research from elsewhere. Therefore deeming at default value of 0.8. High priority research area for us, and will do research if the program gets off the ground.

*[Phil Mosenthal] Is that just room AC?*

*[Zach Ross] It is central AC.*

*[Phil Mosenthal] Could you use your current replace on burnout values for central AC then?*

*[Zach Ross] Open to idea but conceptually could be a lot of difference on decision making between an midstream and a downstream offering.*

*[Phil Mosenthal] There could be people acting on contractor recommendation, same as with downstream.*

*[Zach Ross] Can revisit that on Call #2.*

*[Andy Vaughn] This is a contractor-based midstream approach – not really downstream. New approach pilot in 2021 will be a distributor-based midstream. Your point is still valid, Phil, but wanted to clarify.*

*[Zach Ross] Does Ameren expect heat pumps would also be on that distributor model?*

*[Andy Vaughn] Yes*

*[Andy Vaughn] On direct distribution of efficient products, Ameren IL has moved to an “all IQ” approach.*

*[Zach Ross] Correct, thank you. This value here for LEDs on direct distribution all of Ameren’s direct distribution are IQ. This is the only one we don’t have as 1.0 but will be updating that because it is only IQ.*

*[Andy Vaughn] Might be useful to include a non-IQ value just to give flexibility to program design*

*[Zach Ross] Yes, we will add a row.*

**Ameren Illinois: See updated Excel spreadsheet – orange highlighted rows are marked for follow-up in meeting #2.**

- [Ameren Illinois NTG Recommendations \(updated 9/4/2020\)](#)
- See dark green highlight for recommendations added since meeting #1.
- Note: For the midstream non-residential lighting NTG value, ODC is in the process of considering questions/feedback discussed during the meeting.

**ComEd NTG Values**

*Laura Agapay-Read, Guidehouse*

**Income Eligible**

- Every value for IE is the same that we had last year. As shown in column AQ.

**Residential Programs**

- For residential and residential third party, only two programs have new values.
- Fridge-freezer recycling and room AC – didn’t find any spillover.
- New measures under heating and cooling program. Midstream HVAC, central AC tune-up, and ASHP tune-up. Recently research comparable programs found none. Recommending the default TRM value of 0.8 until we can conduct primary research.

**C&I and C&I Third-Party**

- Standard: conducted research on free ridership and spillover.

*[Vince Gutierrez] ComEd would like to flag this for future discussion on standard. We would also like to flag custom and business instant discounts. We would like to discuss in meeting #3 (Sept. 18).*

- Custom program now includes data centers. We have several values for custom. Private, public sector, data centers colocation, data center new construction, retrofit, non-colocation.

*[Zach Ross] The custom private sector NTG value dropped a lot. We haven't done Ameren research on that in the past year, what contributed to that change?*

*[Jennifer Fagan] It wasn't a change in the program. The value reflects the mix of projects that we had. When we're drilling down to this level, larger projects are pretty influential. Some projects that just didn't have strong program influence. Explained pretty fully in the memo what was going on. Large projects.*

*[Zach Ross] Ok, I wanted to make sure there wasn't a fundamental market change.*

*[Vince Gutierrez] It is quite an anomaly this year. Even the 10-year average it's a significant drop. That's one of the issues that we have on that research.*

- New construction – row 23. We calculate our recommendation based on a four-year average agreed upon by SAG. Based on recent research.
- Instant lighting/business instant lighting discounts. Conducted new research. Recommend default on exit sign and battery charger, no new research on that.

*[Zach Ross] What vintage were the 2020 recommendations? There is a downward trend as expected and thinking about what that says about Ameren values.*

*[Laura Agapay-Read] The 2020 values are from PY9 research.*

#### Third Party C&I

- Agricultural program – three recommendations: custom, lighting and non-lighting. Secondary research on recent values, couldn't find any. Recommend TRM default. Based on understanding of program now.

*[Phil Mosenthal] Were recommendations from last year based on research?*

*[Laura Agapay-Read] Values in Ag that we recommended last year were based on regular custom program. Lighting was based on standard, as was non-lighting. That was before we understood the nature of the program and the savings. Because it is indoor agriculture dominantly, we think is different enough. We think default is best until we can conduct primary research.*

- Similarly, with telecom optimization recommend TRM default of 0.80.

#### **ComEd: See updated Excel spreadsheet – orange highlighted rows are marked for follow-up in meeting #3.**

- [ComEd NTG Recommendations \(updated 9/3/2020\)](#)



## Peoples Gas & North Shore Gas NTG Values

Kevin Grabner, Guidehouse

### Virtual or Remote Commissioning

- A number of programs have been historically implemented with DI component. With social distancing and those issues, the programs have looked into different delivery and assessments. New virtual and remote assessment. Customer participant is doing self-install. Currently is an effort in home energy jumpstart and multifamily and some of the business customers. As these develop and come up, we have looked at that. Conclusion is that should use same NTG as on-site direct install. From customer perspective on these measures, doing it remotely it is not different absent the program as if there was an implementer doing the installation. Similar intake process. Have been looking at in-service rates on a case-by-case basis. But recommend the NTG use the direct install number.

*[Phil Mosenthal] What are those numbers?*

*[Kevin Grabner] 1.02 for faucet aerators and showerheads, based on TRM. Boiler pipe is 0.88. Programmable thermostats 0.88. Multifamily direct install is somewhere in the 0.94-0.95 range for the gas utilities if they proceed in that market.*

*[Phil Mosenthal] DI tends to have lower free ridership since it is done for them. These are probably on the high side.*

*[Kevin Grabner] In the case of showerheads and aerators, the issue is that the baseline is adjusted and includes the impact of existing low flow fixtures.*

*[Phil Mosenthal] If in-service rate has substantially dropped, that's where we will see the biggest drop off.*

*[Kevin Grabner] We are looking at the in-service rate and we will look at that.*

*[Phil Mosenthal] Will that go into the next TRM version?*

*[Kevin Grabner] Not the current one that is being finished up, that would be Version 10. No matching in-service rates from comparable programs right now. We have DI and school kit in-service rates.*

*[Phil Mosenthal] That seems appropriate to adopt in the current environment*

*[Kevin Grabner] Kit NTG varies.*

*[Phil Mosenthal] For programmable thermostats, do people buy themselves or are they mailed to them?*

*[Kevin Grabner] Not sure if they are doing programmable thermostats*

*[Phil Moesnthal] These are smart thermostats. This is primarily showerheads and aerators.*

*[Kevin Grabner] Yes. There is a video/conference call sort of link. The implementer does a virtual walkthrough of the house and identifies measures and applicability. They identify quantities and types of measures that customer is willing to install, then the program drops them off at a scheduled time. Then there is follow up from the program.*

*[Phil Mosenthal] It's mostly an in-service issue. I'll think about it further. Is virtual / remove a big share of the savings?*

*[Kevin Grabner] It could be. I know they are ramping up. Not sure the numbers they are looking for in 2020.*

*[Ted Weaver] It's not a huge share of the portfolio, we can get you those numbers.*

*[Randy Opdyke] We are trying to get our feet wet and figure out best process. Compared to volume of normal DI, it's just a fraction. We hope it will grow. Not a huge amount of participation compared to traditional DI.*

#### Home Energy Rebate

- For this year we did new research. 90% of the program is the furnace savings. Did research and multiple surveys of participants and trade allies. Surveyed for spillover with 2018 participants and 2019 participants for free-ridership. And trade allies for their perspective on both. Results on the free ridership on furnaces was 44% free ridership – participants and trade allies reached the same number. Spillover participant is 7% combination of spillover of 2% from participants and 5% trade allies. Analyzing the responses from that spillover didn't see overlap so they are additive. Inactive trade allies also had a previously researched value. Final number of 0.74. Slightly higher than previous year, but roughly consistent.

#### Business Prescriptive & Public Sector Prescriptive

- Did new research – customers and trade allies. Not a large program. Extended across 2018-2019 participating customers and trade allies. Research on participants was 27% free ridership and 11% spillover. From trade allies, free riders were 13% and spillover 8%. We weighted using TRM approach 61:39 customer: trade-ally. To exclude double counting did not use the trade ally spillover and based it on participant. Only other asterisk on this is that survey did not include FEJA definition of public sector participants but recommend applying this to that group. Will be future research on that for a separate look at that group.

*[David Brightwell] What was the driver in getting from 79% to 1% was it spillover research or free ridership change?*

*[Kevin Grabner] Participant Spillover was bigger driver, free ridership also went down a little.*

*[David Brightwell] What was response rate on the survey?*

*[Kevin Grabner] Participants 20 out of 80. Savings percentage was about 47% of the program savings. Trade allies represented about 38% of program*

*savings. Savings tend to come from a smaller number of customers and a large number of customers do one small project.*

#### Joint New Construction

- This value is from research done with ComEd. New research on those customers included gas and electric. On gas side, NTG was 0.39. Methodology that was agreed was to average previous 4 years of participation and the average of four years is 0.54.

#### Small/Mid-Sized Business

- No new research. They are doing a kit offering for SMB. Similar to the COVID discussion before. Used the same value as from DI for those as previously discussed.

**Peoples Gas & North Shore Gas: See updated Excel spreadsheet – orange highlighted rows are marked for follow-up in meeting #2.**

- [Peoples Gas & North Shore Gas Recommendations \(updated 9/3/2020\)](#)

### **Nicor Gas NTG Values**

*Kevin Grabner, Guidehouse*

There are a few more new changes on the Nicor Gas side. Same note with virtual or remote assessments as was in the PG/NSG program. In Nicor's case, this comes up in their Home Energy Savings program that is joint across the utilities – ComEd, Nicor, PG/NSG.

#### Home Energy Rebate Program

- One of the large programs in the portfolio. New research here. First change is to recategorize how we characterize the NTG values. We put in N/A on how we previously characterized them for if they included thermostats or not. But now they aren't included in the program and we can get rid of that distinction. Rebates for furnaces and boilers. Furnaces have two categories – 95 and 97+ AFUE. Did survey to get a number for both of those. Combination online and telephone survey of participants and trade allies. Majority is in 95 AFUE. Free ridership was weighted participant and trade ally roughly 50:50. 0.29 average. Did do participant spillover from 2018 and 2019. One customer reported spillover but it rounded to zero. Active trade ally survey came up with 2% spillover, inactive spillover of 11% is an old value brought forward. Averages out to 0.84 NTG compared to 0.72 from 2020 but that was PY5 research.

*[David Brightwell] At the time of the inactive trade ally research was there research done on the inactive trade allies over the same timeframe?*

*[Kevin Grabner] I will have to go back and confirm how they compared.*

*[David Brightwell] Has something changed in the amount of spillover – inactive claiming 5.5x the amount of spillover as active ones?*

*[Phil Mosenthal] Also wondering if there is significantly more active trade allies now than there was during prior research?*

- 97 AFUE furnaces is a smaller population and completions. Did find smaller free ridership on that one.

#### Deep Home Retrofit

- This isn't going forward in 2021. No need for NTG value.

## Energy Smart Kits

- Weatherization measures have been added to the kits offering. Split to values for energy saving and water saving measures. Water savings gets historical value for shower heads. Included shower timers, consistent with elementary education program.

## Residential New Construction

- This program was joint with ComEd and Nicor for several years. It was a whole house program with HERS raters and comprehensive % of savings relative to base buildings. To the extent that any continue to come through this system have a NTG ratio. Don't think there will be though. Nicor wanted to continue with that market and developed a prescriptive offering for measures that generated savings for new construction relative to code. We did secondary research and did not find a comparable program to set a NTG value. Don't have new research on them but sample is building up this year. Used TRM default.

*[Phil Mosenthal] Adopting the 0.65 might be more reasonable. Would expect prescriptive to have higher free ridership. Relies on action by the customers.*

*[Jim Jerozal] For that program design, calling it prescriptive is a little deceiving. It's working with a set of builders, not individual customer decisions as they build the homes. It's prescriptive from the perspective that the builder is making the decision.*

*[Phil Mosenthal] Wouldn't that make it similar to the previous program?*

*[Jim Jerozal] No, the previous program used raters. This is just working with builders to put these higher efficiency measures into the design.*

*[Phil Mosenthal] I would like to learn more about the two programs. Was that a specific value for the gas side for the whole home or for the entire program?*

*[Kevin Graber] I don't recall but the measures are different so I expect there are differences.*

## Comprehensive Multifamily

- Central plant optimization in the common area upgrades. More comprehensive look at the heating plant. Wanted to note that we had looked at that and concluded that the comprehensive custom measures in that program NTG value should be used for that as well.

## Business and Public Sector Optimization

- New effort, responding to the COVID issues to some extent. Is a program that is a startup. Working with smaller businesses and public sector customers in IQ zip codes. Measures that are offered, relationship with special group of trade allies. Deliver efficiency measures at zero cost to customer. Similar to Small Biz DI. Therefore we used the NTG from that for these measures.

## Retrocommissioning

- Small change. There is a set of joint programs with ComEd and gas utilities. Nicor has also started a Nicor-only path for certain customers. At this point we are using the same NTG for joint and non-joint.

*[David Brightwell] Not sure I understand. Currently there is a joint program and Nicor is getting ready to do an individual program?*

*[Kevin Grabner] Actually the Nicor Gas program has already launched. There were two projects in 2019 and the program is continuing. Not joint with ComEd. The joint program has a 0.94 NTG.*

## Joint Non-residential New Construction

- New research for 2020 was 61% free ridership. That's the latest year of free ridership. That averages of 4 years of NTG to get 0.54. That is somewhat confusing on the chart.

*[David Brightwell] Is there a generally downward trend on that? Of just sometimes up and sometimes down?*

*[Kevin Grabner] Up and down, but last three years have gone down. Free ridership has inched up over the years.*

*[David Brightwell] I would like to mark for follow-up and discuss with Jennifer.*

## Commercial Food Service

- On this update, this is joint among the utilities. To this point has had small participation. Equipment from that program has been processed through the rebate programs and applying the NTG from those programs depending on customer size (BEER or SMB programs).
- Guidehouse will add to the spreadsheet.

## **Nicor Gas: See updated Excel spreadsheet – orange highlighted rows are marked for follow-up in meeting #2.**

- [Nicor Gas NTG Recommendations \(updated 9/3/2020\)](#)

## **Closing & Next Steps**

*Celia Johnson, SAG Facilitator*

- NTG meeting #2 will be held on Friday, September 11 (10:00 am – 12:00 pm).
- We will follow-up on open NTG values for Ameren Illinois, Nicor Gas, Peoples Gas & North Shore Gas.
- Open NTG values for ComEd will be discussed in NTG meeting #3.