



DECEMBER 2, 2025

CY2026 ComEd Evaluation Plan: SAG Presentation

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Agenda

CY2026 Evaluation Plan

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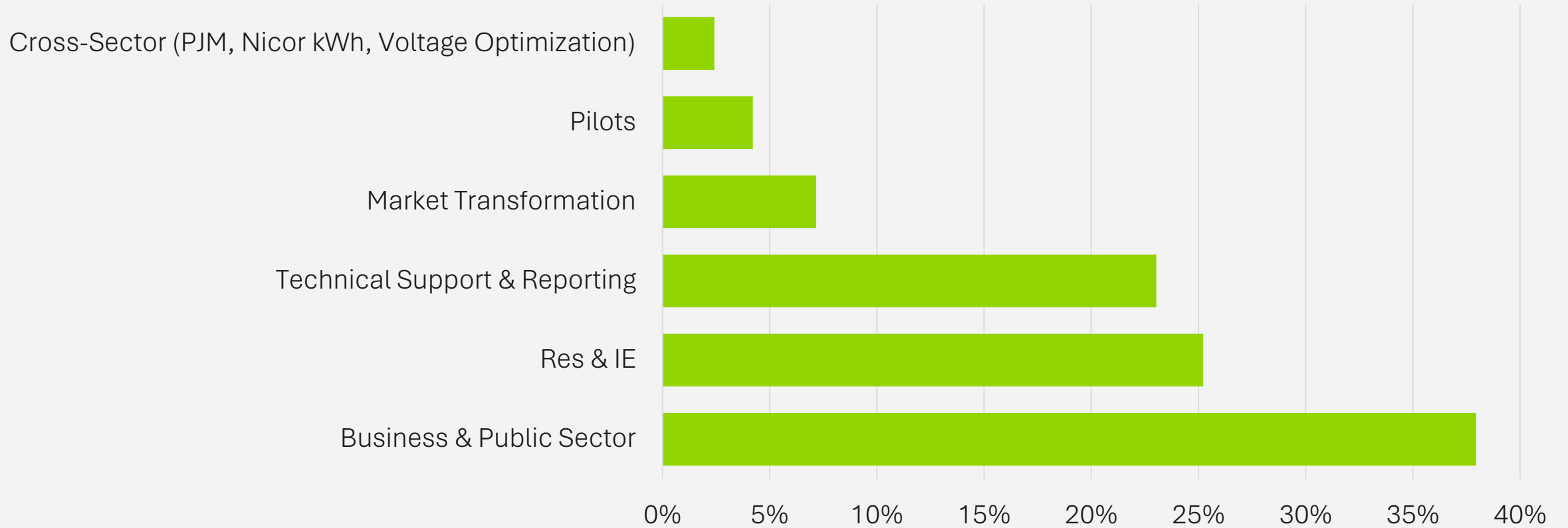


Introduction

Evaluation Plan Schedule

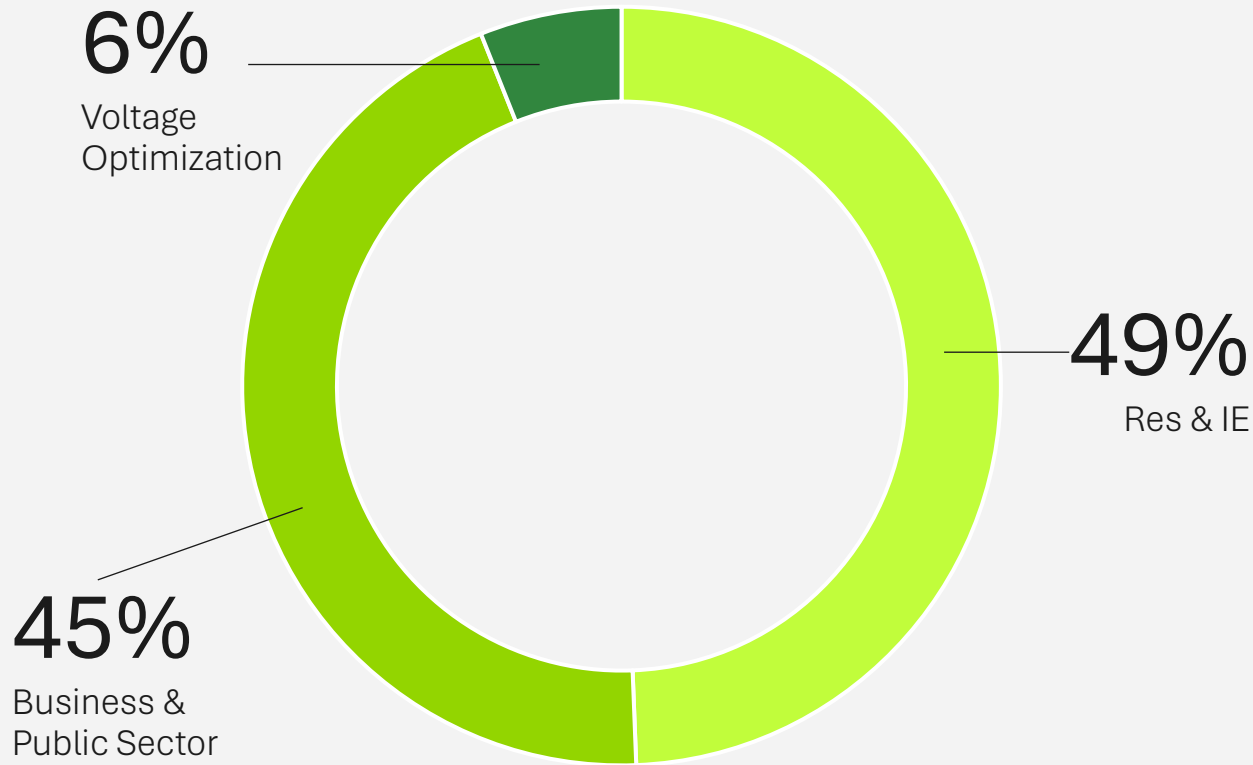
Step	Date
SAG Presentation	December 2
First Draft to ComEd and SAG	December 9
Comments Due on Evaluation Plan	January 9
Second Draft	January 22
Comments Due on Second Draft	February 3
Final	February 10

CY2026 Evaluation Budget



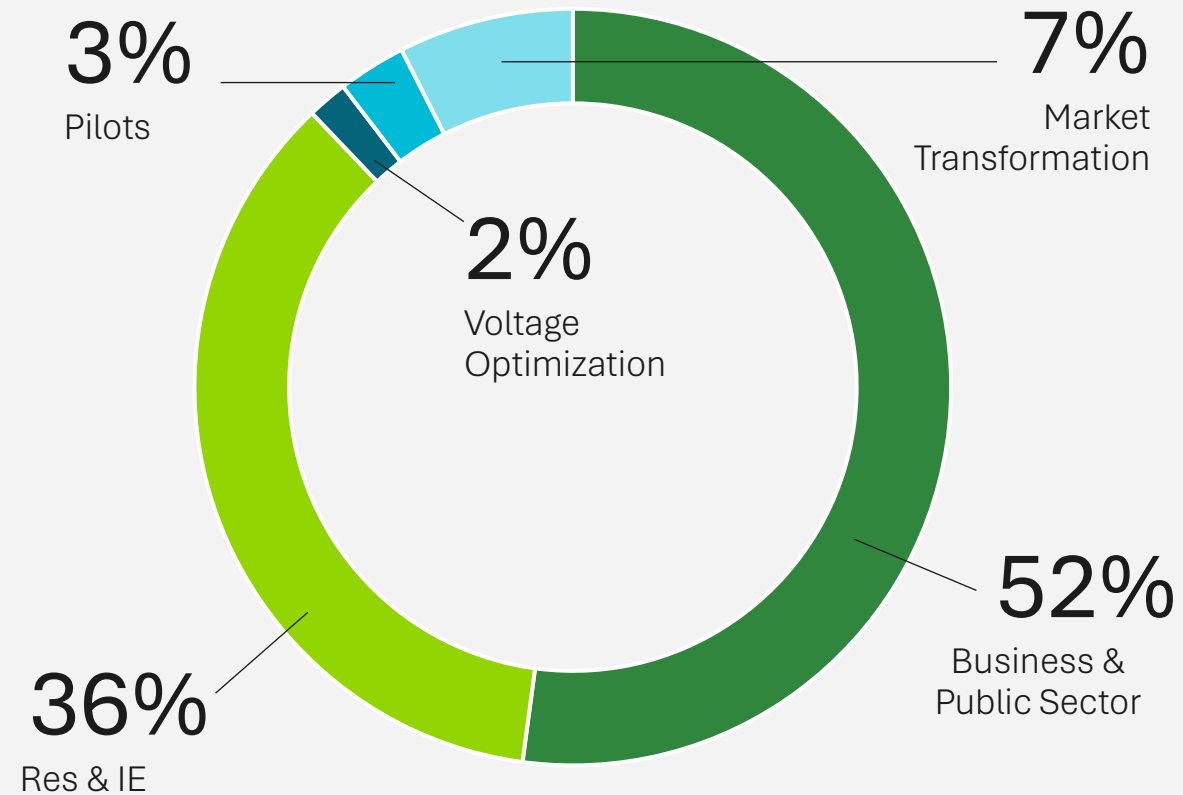
Evaluation Budget vs 2024 kWh Saved

CY2024 Net kWh Saved



Source: Verified Net kWh Savings: 2024 Summary Report

CY2026 Evaluation Budget (Programs only)



Source: Budget: 2026 Evaluation Plan



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Business and Public Sector Programs

Business and Public Sector Program Components

Program	Program Components	Joint Program	Electrification Savings
Small Business	Small Business	Yes	
Incentives	Standard		
	Custom		
Targeted Systems	RCx [includes Building Operator Certification (BOC)]	Yes	
	Industrial Systems		
	Virtual Commissioning (VCx)		
Midstream/Upstream	Instant Discounts		Yes
	Commercial Food Service (CFS)	Yes	
Behavior Bus/Pub	Strategic Energy Management	Yes	
Business Energy Analyzer	Business Energy Analyzer		
New Construction - Bus/Pub	Non-Residential New Construction	Yes	

NTG Research Tasks – Business

Program	Component	Net Savings Research Tasks	Submitted/Applicable Program Year
Incentives	Custom	Customer Free Ridership Survey	2026/2027
		Customer Spillover Survey	2026/2027
Targeted Systems	Industrial Systems	Customer Free Ridership Survey	2027/2028
		Customer Spillover Survey	2027/2028



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Residential and Income Eligible (IE) Programs

Structure of the Evaluation – Residential Sector Programs

- Promoted broadly as the ComEd Energy Efficiency Program
- Income Qualified services are embedded into ComEd’s Plan 7 Residential program
- Evaluation reports differentiate between market rate and IE results

Program Type

Plan 7 Program

Behavior - Res

Single-Family Home Energy Savings

Direct to Consumer

Multi-family Energy Savings

Whole Home Electric

Channels

Contractor/Midstream Rebates

New Construction

Home Energy Products

Residential Sector Program Components

Program	Program Components	Joint Program	Electrification Savings
Behavior - Res	Home Energy Reports		
Single-Family Home Energy Savings	Home Energy Assessment (HEA), Single Family Low Income (SFLI), IL Home Weatherization Assistance Program (IHWAP)	Yes	
Multi-family Home Energy Savings	Income Eligible Multifamily (IE MF), Public Housing, IL Home Weatherization Assistance Program (IHWAP)	Yes	
Whole Home Electrification	Single-family		Yes
	Multi-family		Yes
Contractor/Midstream Rebates	Midstream		Yes
New Construction	Residential New Construction		
Home Energy Products	Retail Online		Yes
	Product Distribution		

Ongoing Research Tasks

Program	Component	Details
Contractor/Midstream Rebates & Instant Discounts	Midstream	We will conduct an analysis to determine an income eligible electrification savings percentage to be applied to midstream programs. If available, we will include low-income discount (LID) data.
Home Energy Products	Retail Online	Customer intercept surveys will launch to inform spray foam and caulking savings estimates to update the TRM and net-to-gross research.



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Market Transformation Initiatives

Market Transformation Initiatives

- Designed to influence market behavior and accelerate adoption of energy-efficient technologies and practices
- Flexible approach to incorporate new MTIs and evaluate impact per IL TRM guidelines

MT Programs with Evaluation Support

Advanced Codes and Building Performance Standards

Luminaire Level Lighting Controls

Energy Star Retail Products Platform (ESRPP)

MT Programs with Expected Savings in CY2026

Advanced Codes and Building Performance Standards

Energy Star Retail Products Platform (ESRPP)



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Pilots

Structure of the Evaluation – Pilots

- R&D innovation is ad hoc; pilots for which evaluation activities are anticipated are described here
- Guidehouse has allocated a dedicated budget for additional pilot evaluation support, on an as-needed basis

Program Type	Pilots with Expected Savings in 2026
	Heat Pump Roof Top Unit (RTU)
Market Rate	Window-Mount Heat Pumps
	Sealed Measured Savings Pilot



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Special Topics

Cost-Effectiveness Research

Cost-effectiveness research and calculations are:

- Conducted to comply with the Illinois legislative requirement that all energy efficiency portfolios be shown to be cost-effective (i.e., Total Resource Cost (TRC) ≥ 1.00)
- Expected to support ComEd's EM&V and regulatory reporting objectives, and inform its future planning efforts

Key tasks include:

- Developing a cost model reflecting ComEd's costs by program
- Evaluating assumptions provided by ComEd and included in Guidehouse's cost model
- Developing TRCs and Utility Cost Tests (UCTs) for each program (following agreement on the cost model and inputs) with and without non-energy impacts, and with and without income eligible participants
- Providing a report with any recommended improvements and comments on costs and resulting TRCs

Guidance

- Illinois Energy Efficiency Policy Manual v3.0, Section 8 (or any other future relevant Policy Manual sections), for research compliance
- Illinois Power Agency Act, 20 ILCS 3855/1 – 10, for definition of the Illinois TRC test
- TRM v14.0, for definition of discount rates and inflation rates

Non-Energy Impacts

Societal Health Impacts

- Report on Societal Health NEIs produced annually In June
- Analysis conducted annually to produce values for the TRC report by June 30
- Methodology uses EPA tools AVERT and COBRA and portfolio savings data
- Analysis tools will be revised in accordance with AVERT and COBRA updates

Economic and Employment Impacts

- Report produced annually by June 30 each year
- Includes indirect, direct, and induced economic and employment impacts
- Methodology uses IMPLAN and program year cost and savings data

Participant Impacts

- Research underway with residents of single-family homes and multifamily buildings
- Research completed with building owners and property managers of multifamily buildings
- Monetized NEI results associated with single-family and multi-family residents expected by Q2 2027

PJM Reporting

Historical Objective: support ComEd's annual portfolio capacity resource reporting to PJM

Recent Context: a FERC ruling from November 2024 disallows EE resources in the PJM capacity market, starting with the Base Residual Auction (BRA) for the 2026/2027 Delivery Year (DY)

Approach for 2026:

- May 2025: Guidehouse produced ComEd's Post-Installation M&V (PIMV) Report for DY 2025/2026 – the last year allowed
- The PJM-defined reporting timeline required Guidehouse to forecast a small portion of the EE Resource
- May 2026: Guidehouse will update the existing PIMV report from 2025 to reflect the actual EE Resource with final data
- This will be ComEd's final PJM savings claim and Guidehouse's final PJM-related deliverable

NTG Policy for Disadvantaged Areas

ComEd data will have project- or customer-level on:

- Zip Codes
- Municipality
- Customer type flag identifying general delivery service municipal, public school and local government customers
- Energy consumption level or a flag for Small Load Deliver Class (<100 kW)

Guidehouse will use that data to determine projects eligible for a NTG of 1.0 based on the Disadvantaged Areas NTG policy

Applying DAC NTG Policy

Customer Type

Projects receiving NTG 1.0 based on criteria

Residential Customers

Residential customer in a disadvantaged neighborhood based on zip code

Measure supplied by Business within a disadvantaged neighborhood

C&I Customers, Private Projects

Customer is in a disadvantaged neighborhood, based on zip code and meeting size criteria

Measure supplied by business within a disadvantaged neighborhood, based on zip code and meeting size criteria

C&I general delivery service municipal, public school and local government customers

Customer is in a disadvantaged municipality



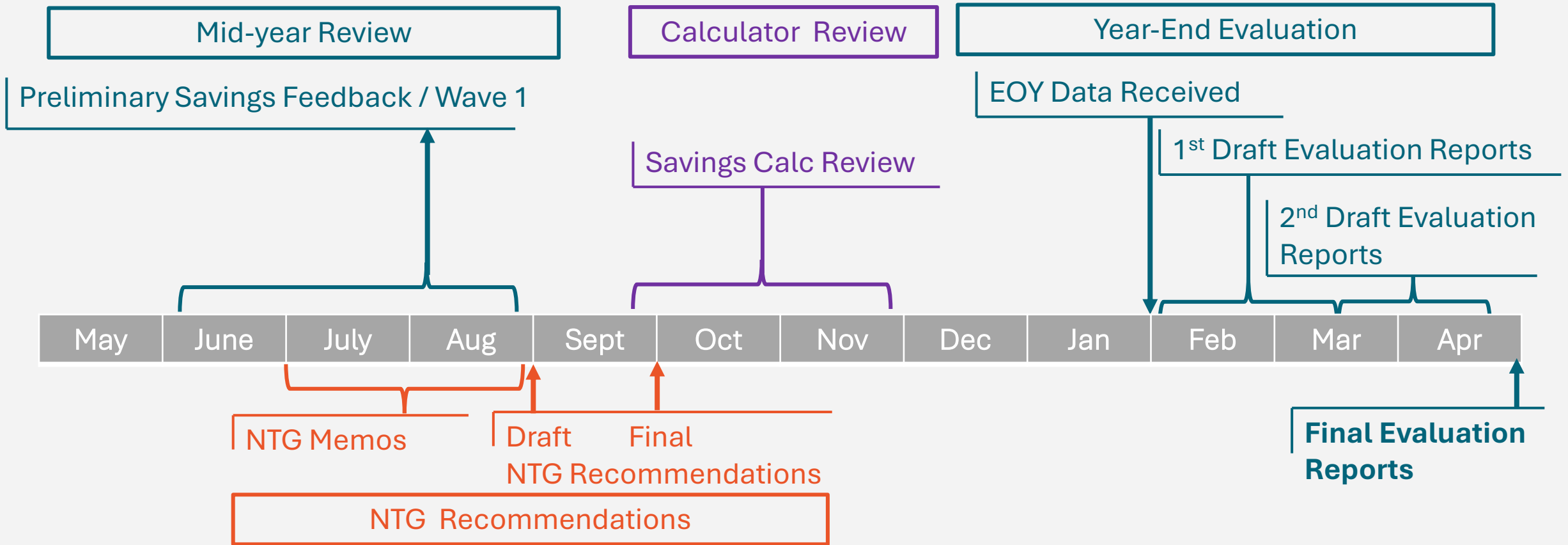
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Evaluation Approaches and Timelines

Summary of 2026 Evaluation Activities and Timelines

Evaluation Schedule



Impact Evaluation Approaches

- **Basic Approach**

- TRM-based (majority of residential programs)
- Custom and model-based (majority of business programs and pilots)
- Population-level consumption data analysis (Home Energy Reports)

- **Components**

- Savings Calculator and Workpaper Review
- Program Tracking Data Review
- Survey, Phone, or Virtual Verification
- Onsite Verification
- Impact Analysis in Waves

Evaluation Coordination

The ComEd EM&V Team coordinates with the other utilities and their evaluation teams regularly:

- **ComEd, Nicor Gas, Peoples Gas and Northshore Gas Joint Programs**
 - Some jointly delivered programs are evaluated by a single-team, some separately
 - Evaluators calculate and report joint TRCs
 - Nicor Gas is selling kWh to ComEd. We coordinate to do some evaluation on the gas side and some on the ComEd side.
- **Coordination on Process, NTG, and TRM Research Studies**
 - TRM measure research considered on a case-by-case basis
 - Process research is done jointly when it is beneficial to do so
- **Coordination beyond specific programs occurs as follows:**
 - SAG meetings, Illinois-wide issues
 - Illinois NTG Working Group
 - Illinois TRM Technical Advisory Committee
 - Evaluator coordination calls (monthly)

Questions, Feedback

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