

# Energy Efficiency Programs

SAG: Plan 5 Update

3-14-17

# What we would like to share with you today

1. Review Energy Efficiency Savings Target and Budget
2. Overview of the Preliminary Numbers
3. Current Areas of Focus
  - Low Income
  - Public Sector & Public Housing
4. Special Request
  - Spending Allowance

# Energy Efficiency Savings Target and Budget

Year	2018	2019	2020	2021
Cumulative Persisting Annual Savings (CPAS) Percent	7.8%	9.1%	10.4%	11.8%
CPAS (MWh)	6,154,176	7,179,872	8,205,568	9,310,164
Legacy Savings Percent	5.8%	5.2%	4.5%	4.0%
Legacy Savings (MWh)	4,576,182	4,102,784	3,550,486	3,155,988
Savings to Achieve	1,577,994	3,077,088	4,655,082	6,154,176
Annual Equivalent (MWh)	1,577,994	1,499,094	1,577,994	1,499,094
Budget (\$ Millions)	\$353	\$353	\$353	\$353

*For discussion purposes only, facts and figures are subject to change.  
Annual Equivalent assumes all installed EE persists through 2021*

Plan 4 plus IPA ~ 1,151,000 MWh per year

# Overview of Preliminary Numbers

Program Area	2018		2019		2020		2021	
	CPAS	Budget	CPAS	Budget	CPAS	Budget	CPAS	Budget
	Net MWh	\$ M	Net MWh	\$ M	Net MWh	\$ M	Net MWh	\$ M
Residential	547,900	\$92.4	834,000	\$90.1	1,105,100	\$88.1	1,018,300	\$63.3
C&I	602,790	\$115.4	1,210,700	\$119.3	1,822,870	\$123.1	2,733,100	\$151.7
Low Income	28,440	\$31.0	56,880	\$31.0	85,320	\$31.0	113,760	\$31.0
Public Sector (EST 10%)	118,800	\$35.3	237,600	\$35.3	356,400	\$35.3	475,200	\$35.3
Public Housing	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Voltage Optimization	82,500	-	282,500	-	492,500	-	752,500	-
Third Party	0	\$0.0	100,000	\$25.0	200,000	\$25.0	300,000	\$25.0
Market Transformation	0	\$2.0	0	\$2.0	0	\$2.0	0	\$2.0
Evaluation (NTE 3%)	0	\$10.6	0	\$10.6	0	\$10.6	0	\$10.6
R&D (NTE 6%)	0	\$21.2	0	\$21.2	0	\$21.2	0	\$21.2
Demand Response (New + Legacy)	0	\$1.3	0	\$1.3	0	\$1.3	0	\$1.3
Other Portfolio Costs	0	\$9.1	0	\$8.7	0	\$8.8	0	\$9.2
<b>Total</b>	<b>1,380,430</b>	<b>\$318.2</b>	<b>2,721,680</b>	<b>\$344.5</b>	<b>4,062,190</b>	<b>\$346.4</b>	<b>5,392,860</b>	<b>\$350.6</b>
<b>Savings to Achieve &amp; Budget Cap</b>	<b>1,577,994</b>	<b>\$353.0</b>	<b>3,077,088</b>	<b>\$353.0</b>	<b>4,655,082</b>	<b>\$353.0</b>	<b>6,154,176</b>	<b>\$353.0</b>
Remaining	197,564	\$34.8	355,408	\$8.5	592,892	\$6.6	761,316	\$2.4

*ALL numbers are preliminary and for discussion purposes only*

*Assumes that savings persist for at least 4 years*

*Savings to Achieve = CPAS Goal – Legacy Savings*

*Does not include conversions from other fuels*

# Low Income Offerings

## Legislative Highlights:

- No less than \$25M per year
- Low income households defined as 80% of area median income
- When practicable contracted to independent 3<sup>rd</sup> parties that have demonstrated capabilities
- Electric utilities to convene a low-income energy efficiency advisory committee
- Not required to be cost effective

# Low Income Offerings

## Progress To Date

### Planning

- Mining through DCEO batch files to build out our programs
- Hired a low income consultant to help design the plan

### Evaluation

- Series of meetings with Navigant to discuss program evaluation and potential new program elements

### Research

- Partnered with Elevate to provide insight on the northern IL market
- Met with other electric utilities who offer low income programs
- Gathering information from programs around the country

### Learning the Existing Infrastructure

- Met with DCEO to discuss existing offerings and infrastructure
- Participated in utilities meeting with IHWAP

### Internal Coordination

- Working with our CARE team to determine synergies and potential approaches that can benefit the customer

### Stakeholders

- Coordinating with Ameren to form the low income energy efficiency advisory committee

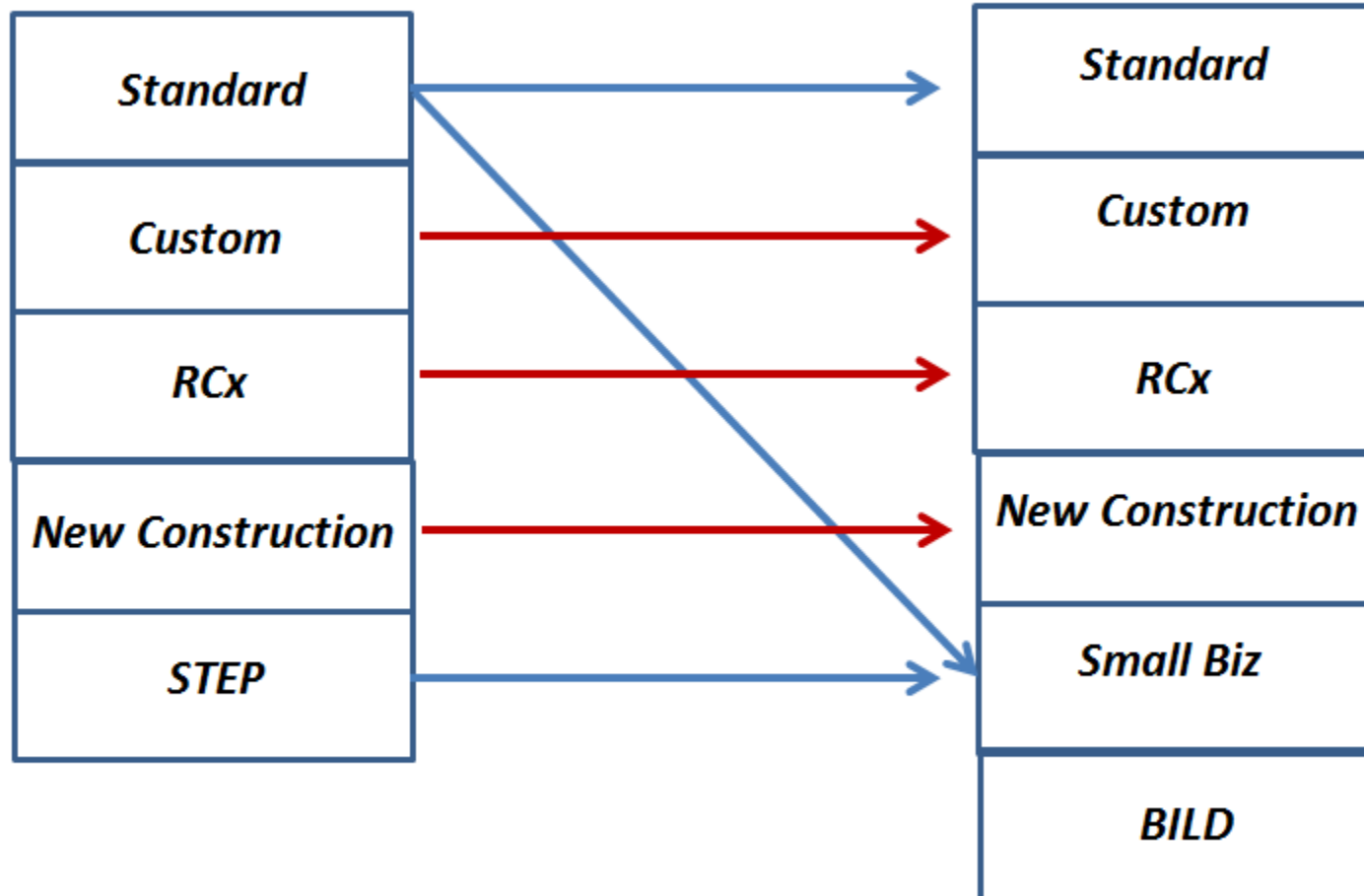
# Public Sector Offerings

## Legislative Highlights:

- 10% of utility's entire portfolio funding level - \$35.3M
- To procure cost effective energy efficiency measures
  - Local government
  - Municipal corporations
  - School districts
  - Public housing
  - Community colleges
- A minimum percentage of available funds used to procure from public housing – equal to its share of public building energy consumption
- Shall assess opportunities to implement cost effective energy efficiency measures & programs through PHA or authorities

# Public Sector Offerings

DCEO's offerings map nicely into our existing offerings





# Public Sector Offerings

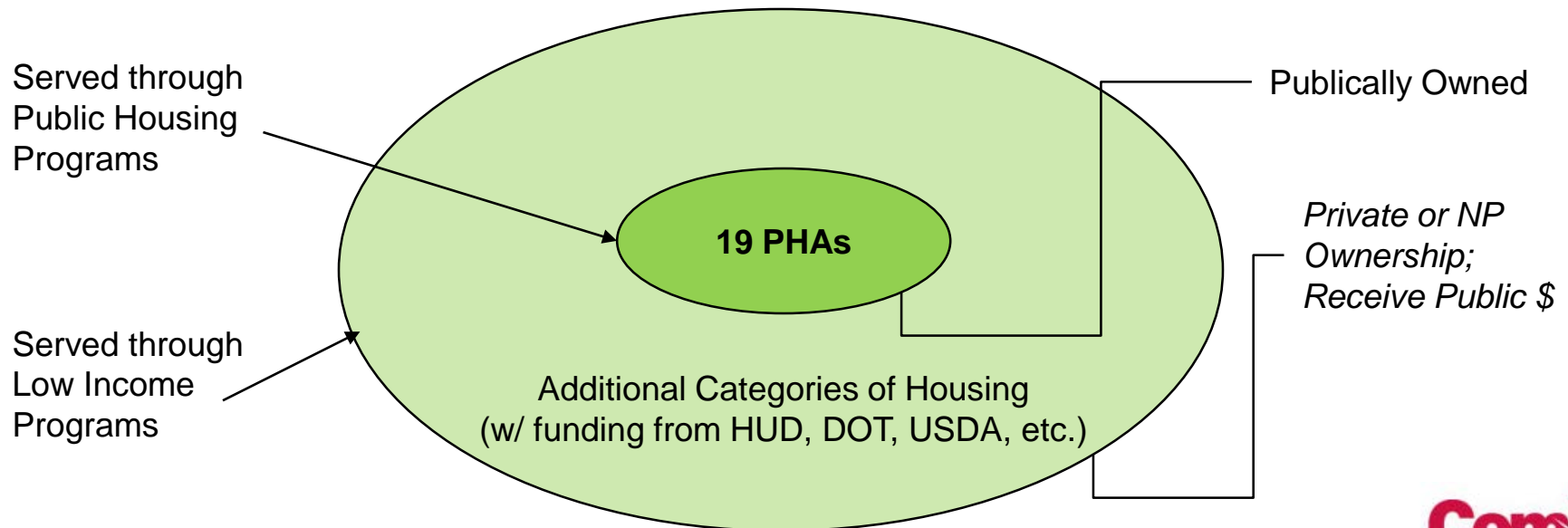
## Incentive Levels:

- Currently investigating whether to keep incentive levels elevated for Public Sector customers, per DCEO's recommendation
- Extensive research being done in this area and is ongoing
- Early indications are that public and private sectors are offered incentives at the same levels around the country
- ComEd considering keeping incentives the same for public and private sectors and leveraging our mature outreach infrastructure to reach these customers
- Exploring the potential to offer elevated incentives in hardship areas

# Public Sector Offerings

## Public Housing Definition and Budget Calculation:

- ComEd agrees with DCEO's recommendation to define Public Housing as Public Housing Authorities
- Public housing customers outside of the PHAs will be served through low income programs
- The data pull to determine energy consumption for PHAs and Public Sector is complex as these customers are not uniquely flagged in our data systems



# Spending Allowance

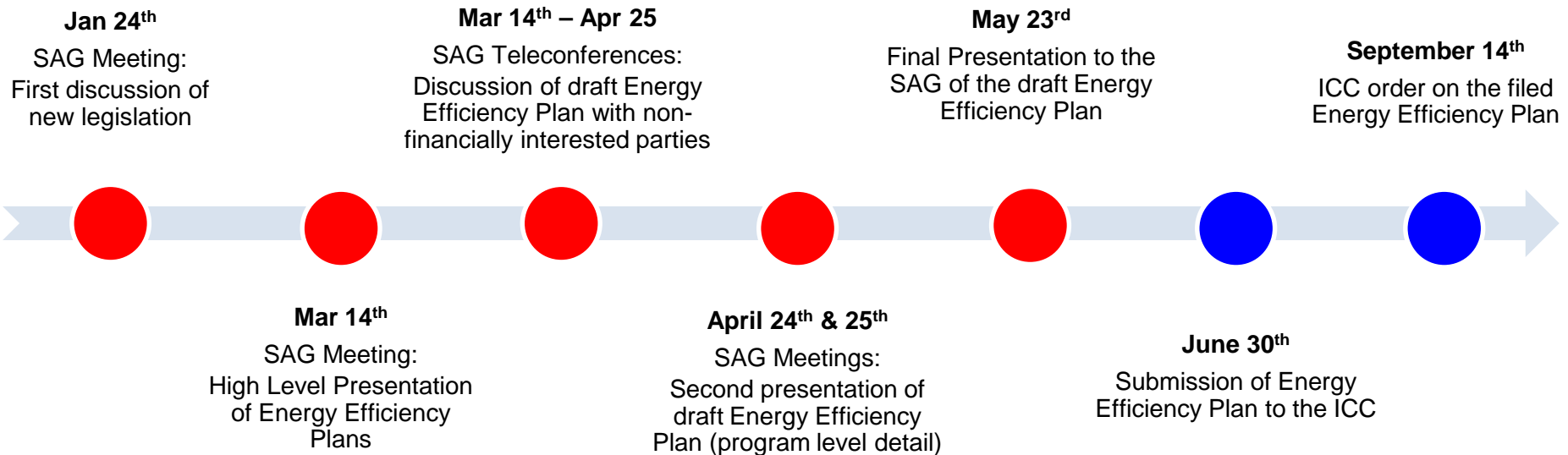
ICC granted ComEd flexibility in the past

- 10% budget exceedance for *de minimus* spending

ComEd expects to continue to exercise this flexibility

- In an effort to provide program continuity
- Allow a method for cost recovery due to *de minimus* overspend to achieve the savings goal

# Energy Efficiency Plan 5 Filing Timeline



# Remaining Items

- Batch files will be made available post meeting
- A sincere **thank you** to DCEO and their partners for all of the support that they have provided to transition the programs to the utilities