



An Exelon Company

# PY10-12 Program Strawman

**Roger Baker**

**March 28, 2016**

## Strawman Highlights

- ✓ \$596 million budget over 3 years
  - Exclusive of IPA Third Party programs
  - Includes DCEO
- ✓ 2.3 Terawatt-hours of first-year savings
  - Excluding DCEO
  - 35% from Residential
- ✓ All but one program cost-effective
  - Still conducting internal QC and refinements to analyses

## Strawman Highlights (cont.)

- ✓ Non-program costs = 10.6% (EEPS + IPA)
  - EM&V = 2.9%
  - Marketing = 2.2%
  - Portfolio Administration = 3.5%
  - Emerging Tech = 1.6% (3% of EEPS)

## Strawman Highlights (cont.)

- ✓ Cost-effectiveness basis
  - 7.05% Discount Rate (ComEd WACC)
  - Certain quantified non-energy impacts included
    - Water Savings
    - O&M Savings
    - Carbon
    - Natural Gas
  - Exploring other NEI
    - Other emissions

## Low and Moderate Income

- ✓ Program design, size and scope highly dependent on Nicor and Peoples Gas
- ✓ \$1.5 million/yr set-aside
- ✓ 882 MWh/yr estimated savings
- ✓ Both values subject to refinement
- ✓ Program will be funded out of EEPS budget

## Residential Programs

- ✓ Packaging programs as an integrated solution
  - Except Home Energy Reports, Elementary Education



## Residential Programs

- ✓ Most programs similarly sized to current scale
- ✓ HVAC, Assessment and Rebate programs increased
- ✓ Home Energy Reports savings reduced
  - Reflects newly adopted persistence methodology from TRM v5.0
- ✓ Two largest programs under IPA slate

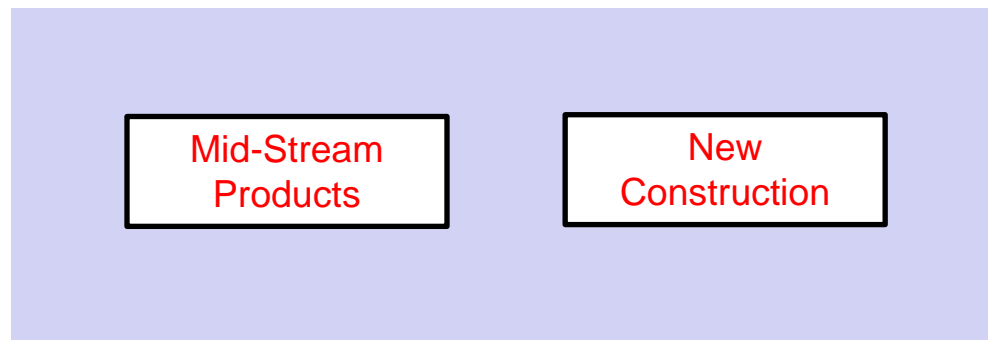
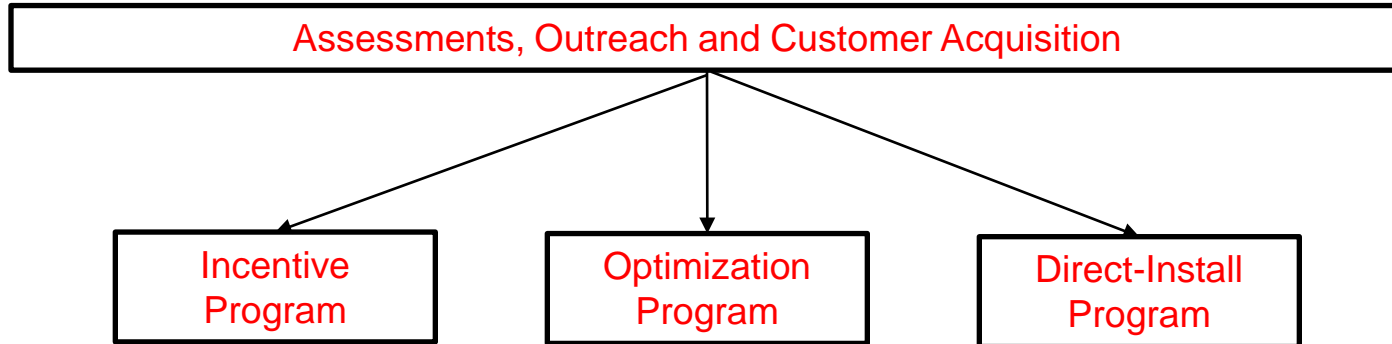
## Residential Programs (cont.)

- ✓ Residential lighting is in flux
  - Baseline does not incorporate Appropriations Rider impacts on potential incandescent/halogen availability
  - Measure life may also be impacted
  - Compact Fluorescent technology will no longer be incented
- ✓ Additional programs via Third Party Efficiency Programs not included



# Business Programs

## Program Structure



## Business Programs (cont.)

- ✓ Strategic Energy Management proposed as regular sub-program
  - Part of Optimization Program
- ✓ Assessments added as program
  - Facilitates identification and tracking of operational savings not otherwise captured
  - Still serves to “feed” other programs
- ✓ Small Business remains under IPA
- ✓ Additional programs via Third Party Efficiency Programs not included

## Business Programs (cont.)

- ✓ Most programs sized to current scale
  - CHP implementation is part of Incentives
- ✓ Assessments added as sub-program
  - Facilitates identification and tracking of operational savings not otherwise captured
  - Still serves to “feed” other programs
- ✓ Small Business under IPA

## Other programs

### ✓ LED Streetlighting

- Extension of current IPA program
- Some larger communities not IPA-eligible
  - Will include those as part of EEPS

### ✓ Voltage Optimization

- Not currently included in strawman
- Still discussing internally

## Punchlist

- ✓ Await feedback from SAG
- ✓ Continue to refine program analyses
- ✓ Work with gas companies on joint programs
  - Mod-income
- ✓ Review IPA Third-Party Proposals
  - Accepting proposals for up to three years duration
- ✓ Exploring more integrated Multi-Family program design

## Punchlist (cont.)

- ✓ Update all avoided costs
  - Early July, after publication of 2016 AEO
  - Capacity values from May 2016 PJM auction
  - Energy values from NYMEX futures
  - Escalators from AEO
    - Historically from \$25/ton carbon side case
    - EIA may include CPP side case this year(?)
  - Reviewing avoided T&D update
  - Will likely use existing marginal loss adders

Questions?