

ComEd's 2018-2021 Plan*

1/24/17

**ComEd presents this preliminary draft Plan for discussion purposes only; facts and figures contained herein are subject to change.*

Budget

- ✓ Annual Budget = approx. \$353 million
 - $3.5\% * 2015 \text{ cost per kWh} * 2015 \text{ Deliveries}$
 - Cost per kWh based on residential eligible customers as defined in Section 16-111.5 of PUA, and includes T&D, supply, surcharges and add-on taxes
 - Deliveries exclude customers over 10MW in 2015
 - Based on 2015 Deliveries of 78,015,782 MWh
 - 2015 Residential Rate = \$0.1294/kWh
- ✓ Plan 4 plus ComEd IPA = approx. \$261 million/yr

Determining Annual Savings Target

- ✓ Percentages provided by statute
- ✓ Percentages applied against 2014-16 baseline
 - 88,000,000 MWh baseline deemed by statute,
 - Reduced by exempt customer deliveries during same time
 - 9,100,309 MW⁺
 - Adjusted baseline = **78,899,691 MWh**

+Subject to internal verification and/or revision

Savings Targets

Year	2018	2019	2020	2021
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	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	1,577,994	1,499,094	1,577,994	1,499,094

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CPAS = Cumulative Persisting Annual Savings

Annual Equivalent assumes all installed EE persists through 2021

Plan 4 plus IPA = 1,151 GWh/yr (Annual)

Voltage Optimization

- ✓ kWh from VO counts toward CPAS
- ✓ VO costs are embedded in base rates
- ✓ Initial planning scenarios estimate 225 GWh of new VO each year from 2018 through 2023
 - plus 150 GWh in 2024
- ✓ Still working internally to see if this is viable
 - 2018 and 2019 contribution may be less
 - Shortfall would need to be “made up” from other EE

New Planning Considerations

✓ Low Income

- \$25 million/yr minimum requirement
- Working group
- Reporting requirements

✓ Public Sector

- 10% of portfolio budget (approx. \$35.3 million/yr)
- Includes Public Housing Authorities
 - Level to be determined per statute

New Planning Considerations

✓ Third Party Programs

- \$25 million/yr starting in 2019
- Plan must include reasonable estimate of savings
- Framework developed, solicitation during 2018

✓ Demand Response

- Targets continued through 2026
- Original Plan 4 had one year of DR per 8-103

New Planning Considerations

✓ Gas Conversion

- up to 10% of electric utility annual target can be achieved from gas measures

- Priority given to low-income customers to extent practicable

“...the electric utility may count savings of fuels other than electricity toward the achievement of its annual savings goal, and the energy savings value associated with such other fuels shall be converted to electric energy savings on an equivalent Btu basis for the premises.”

- Intent of this language is to ensure comprehensiveness of programs and continuity of joint programs delivered by gas and electric utilities