



**conEdison**

## **Advancing Our Energy Future**

Mid-Hudson Regional Renewable  
Energy Forum

December 13, 2019

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# Consolidated Edison Co. of New York, Inc.

- 3.5 million electric customers
- 1.1 million gas customers
- 1,600 steam customers
- Affiliates:
  - Orange & Rockland Utilities
  - Con Edison Energy
  - Con Edison Transmission



# Distribution System Implementation Plan (DSIP)

- DSIP is a cohesive plan for distribution system development and DER integration to meet REV goals
- Con Edison is committed to continued Stakeholder Engagement
  - Stakeholder 2020 Webinar Kick-off held on December 11<sup>th</sup>
- Con Edison along with the Joint Utilities to increase 2020 Engagement
  - Monthly Stakeholder Newsletter will be circulated – Capturing DSP updates and highlighting future/upcoming engagement sessions (in various topical areas)
  - Semi-Annual Stakeholder Engagement sessions
- Con Edison will incorporate applicable CLCPA goals and structure

# New York State Energy Storage Order (December 13, 2018)

Regulatory reform to support statewide goal of 3,000 MW of energy storage by 2030

## Bulk

- Statewide procurement of 350 MW of utility-scale storage: ConEdison 300 MW, O&R and other IOUs 10 MW
- ConEdison & O&R received bids November 1, expect to announce results in early January
- Projects have to be > 5MW and operational by end of 2022
- Utility bids projects into NYISO's Capacity, Energy and Reserve markets for 7 years, receives all wholesale revenue
- Project payment cofounded by Utility and NYSERDA, paid 70% at COD and remaining 30% paid over 7 year contract
- Utility recovers and earns on its payment as a 7 year Reg Asset

## Distribution

- Flexibility in Non-Wires Solutions (NWS) to procure additional storage above NWS need
- Multi-year DR procurements to be developed

## Customer

- Rate reforms deferred to value of distributed energy resources (VDER) proceeding
- NYSERDA prescriptive retail incentives

# Alternatives to Gas for Heat: Smart Solutions Portfolio

Enhanced  
Energy  
Efficiency



Goals:

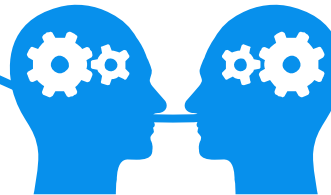
Address customer  
heating needs

Continue  
environmental  
progress



Gas Demand  
Response  
Pilot

Renewable Thermal  
Demonstration Projects



Non-Pipeline  
Solutions RFP





# Enhanced Energy Efficiency Programs

- Residential 1-4 Family
- Multifamily (5+ units)
- Small-to-Medium Business (<300 kW)
- Large Commercial & Industrial (>100 kW)
- Gas Demand Response



# Residential Geothermal Program

- Heating up to 4.4 COP and 24.6 EER
- Eliminates exterior compressor noise and interior carbon monoxide
- <https://dandelionenergy.com/how-geothermal-works>
- Up to \$5,000 incentive with Dandelion Energy in addition to NYSERDA and Federal Investment Tax Credit
- Eligibility
  - Single family residential detached home
  - Con Edison electric customer



# Residential Weatherization Program

- Professional installation of air sealing, insulation and a smart thermostat
- Drafts, hot & cold spots and pests reduced
- Difference between previously wasted energy pays back the cost of the upgrades
- Eligibility
  - Single family residential detached home
  - Con Edison firm gas customer





# **Thank you!**

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