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 11th
- 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

<table>
<thead>
<tr>
<th>Bulk</th>
<th>Distribution</th>
<th>Customer</th>
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<tr>
<td>• Statewide procurement of 350 MW of utility-scale storage: ConEdison 300 MW, O&amp;R and other IOUs 10 MW</td>
<td>• Flexibility in Non-Wires Solutions (NWS) to procure additional storage above NWS need</td>
<td>• Rate reforms deferred to value of distributed energy resources (VDER) proceeding</td>
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<tr>
<td>• ConEdison &amp; O&amp;R received bids November 1, expect to announce results in early January</td>
<td>• Multi-year DR procurements to be developed</td>
<td>• NYSERDA prescriptive retail incentives</td>
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<td>• Projects have to be &gt; 5MW and operational by end of 2022</td>
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<td>• Utility bids projects into NYISO’s Capacity, Energy and Reserve markets for 7 years, receives all wholesale revenue</td>
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<td>• Project payment cofounded by Utility and NYSERDA, paid 70% at COD and remaining 30% paid over 7 year contract</td>
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<td>• Utility recovers and earns on its payment as a 7 year Reg Asset</td>
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Alternatives to Gas for Heat: Smart Solutions Portfolio

Goals:
- Address customer heating needs
- Continue environmental progress
- Enhanced Energy Efficiency
- 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!

Christopher Raup

raupc@coned.com