

# Illinois Utility Braided IHWAP Program

January 28, 2020



Energy  
Efficiency  
Program



# Program Summary

## **Goal:**

Leverage IHWAP funding and existing CAA infrastructure to deliver comprehensive retrofits, stretch utility funding further and serve more customers.

## **Program Description:**

The Illinois Community Action Agencies (CAAs) deliver comprehensive home retrofits to income qualified customers through the existing Illinois Home Weatherization Assistance Program (IHWAP) operations, leveraging (braiding) both utility incentive funds and IHWAP grant funds.

# Program Ramp Up and Status

## 2017 - 2018

- Agency planning, preparations and onboarding
- DCEO engagement and MOU
- Implementation launch
- Utility funding of braided projects began summer 2018
- Participating agencies:
  - Northern: 11 of 18 participating
  - Ameren IL: 21 of 25 participating

## 2019

- Increase in activity
- Participating agencies:
  - Northern: DuPage, Champaign, Two Rivers, Kankakee, Western, and East Central added; 17 of 18 participating
  - Ameren IL: No additions from 2018, 21 of 25 participating

## 2020

- Right-sizing of budgets and continued analysis of agency capacity
- Increase braided volume
- Northern: Increase in braided MF participation
- Participating agencies:
  - Northern: Midcentral added; 18 of 18 participating
  - Ameren IL: St. Clair and Midcentral added, 23 of 25 participating (Kankakee and Kendall Grundy participating in the Northern only due to limited Ameren IL customer volume)

# Program Detail

	<b>Northern Utility Program</b>	<b>Ameren Illinois</b>
<b>Utilities</b>	ComEd, Nicor Gas, Peoples Gas, North Shore Gas	Ameren Illinois (gas and electric)
<b>Implementer</b>	Resource Innovations Subcontracted with Illinois Association of Community Action Agencies (IACAA)	
<b>Implementation Partners</b>	Community Action Agency network	
<b>Installation Contractors</b>	Closed network, selected and managed by CAAs per IHWAP procurement guidelines	
<b>Customer Segment</b>	Single family and multi-family	Single family
<b>Income Eligibility</b>	Up to 200% Federal Poverty Level	
<b>Measure Qualifications</b>	All measures are qualified, scoped and installed per IHWAP guidelines	
<b>Measure Incentives</b>	<p>All measures are provided at no cost to the customer. All measure incentives include:</p> <ol style="list-style-type: none"> <li>1. Material and labor, as agreed upon between CAA and installation contractor during IHWAP procurement</li> <li>2. Program support and admin (PS&amp;A) incurred by CAA (e.g., customer intake, assessment, project management, inspection, administration costs)</li> </ol>	

# Measure Detail – Braided 50/50

	Northern Utility Program	Ameren Illinois
<b>Weatherization / Building Shell</b>	Air Sealing Attic Insulation Wall Insulation Basement / Sidewall Insulation Floor Insulation Rim Joist Insulation Duct Sealing	
<b>HVAC and Thermostats</b>	Furnaces Boilers Central Air Conditioners Room (Wall / Window) Air Conditioners Air Source Heat Pumps ECM Programmable Thermostats Advanced (Smart) Thermostats	Advanced (Smart) Thermostats

# Measure Detail – Braided 50/50

	Northern Utility Program	Ameren Illinois
<b>Water Heating</b>	Natural Gas and Electric Water Heaters Bathroom and Kitchen Aerators Showerheads Pipe Insulation Water Heater Wrap (Electric)	Bathroom and Kitchen Aerators Showerheads
<b>Lighting and Misc. Electric</b>	LED Bulbs (indoor and outdoor) Smart Power Strips	
<b>Appliances</b>	Refrigerator Freezer	None
<b>Ventilation</b>	Exhaust Fans	
<b>Health and Safety</b>	See Matrix	

# Measure Detail – Funded 100% by IHWAP

Northern Utility Program	Ameren Illinois
<p>None, all measures are funded 50% by the utility or utilities</p>	<p>Any measure determined by IHWAP that is not listed above, including but not limited to:</p> <ol style="list-style-type: none"><li>1. Furnace, boiler and other space heating repairs and replacements, including ECMs</li><li>2. Central air conditioner, wall / window air conditioner and other cooling system repairs and replacements</li><li>3. Appliances (refrigerators and freezers)</li><li>4. Standard programmable thermostats</li><li>5. Water heating system (replacements and repairs, pipe insulation, water heater wraps)</li></ol>

# Implementation Approach and IHWAP Coordination Considerations

## IHWAP Guidelines Utilized

- Measure specifications (baselines and efficient standards)
- Contractor qualifications and selection (procurement)
- Project pricing

## Utility-Specific Differences from IHWAP Ops

- Calendar year funding cycle
- Production management and forecasting
- Long-term production planning and capacity building



# Implementation Approach and IHWAP Coordination Considerations

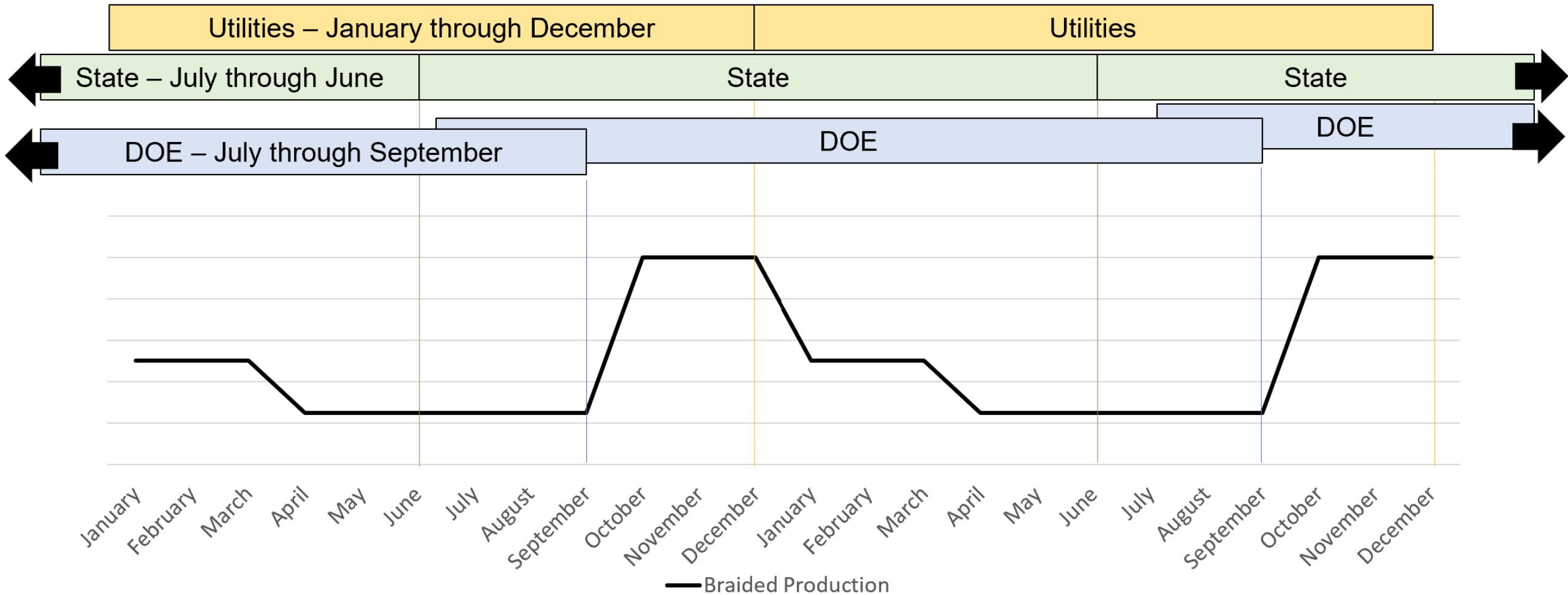
## Utility – Agency Partnership

- Implementer-provided data collection tool (Northern) and applications (Ameren IL) used by the agencies, with project submittals sent to utilities
- Incentive payments from utilities to agencies, via implementer
- Agencies execute annual participation agreements with implementer

## Utility – DCEO MOU

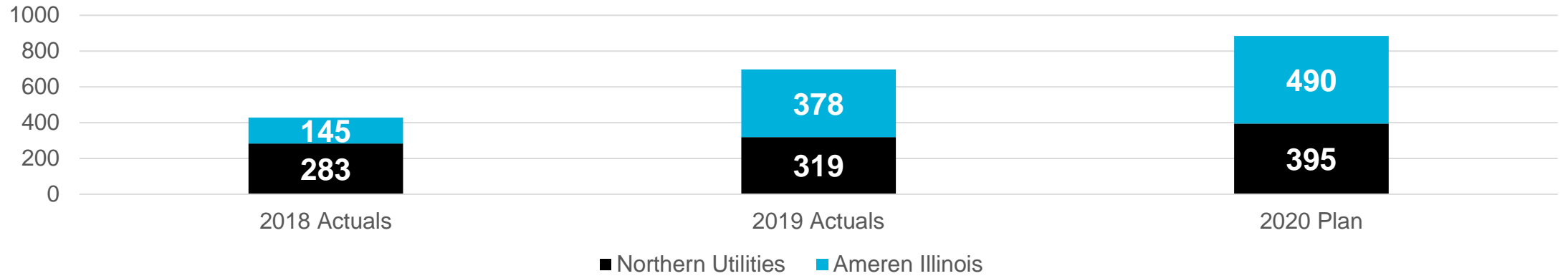
- Coordination and agreements established in MOU
- Ongoing coordination between utility teams and DCEO

# Funding Cycles, Illustrated

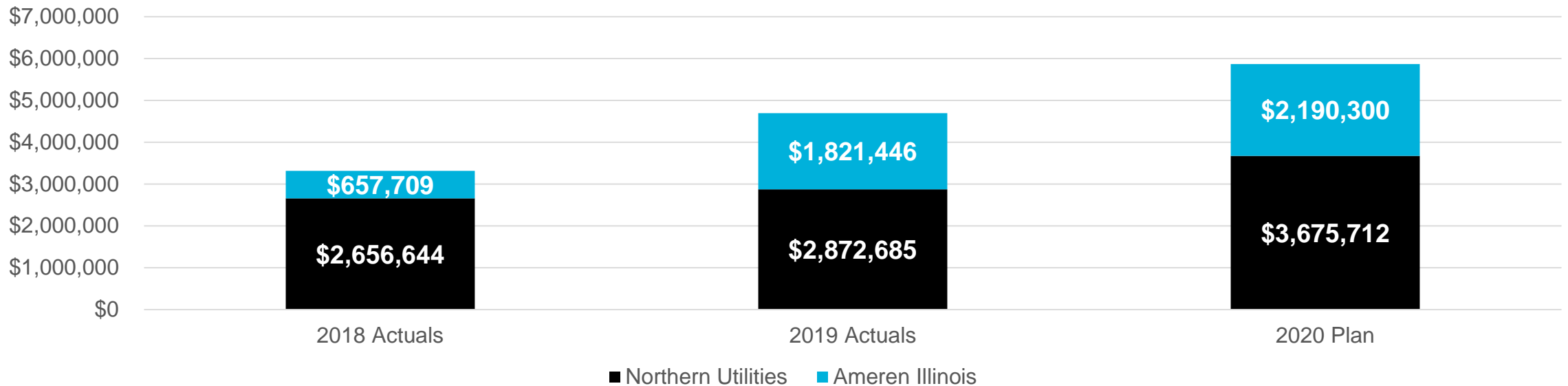


# 2018 – 2020 Progress and Plan

## Single Family Homes Served

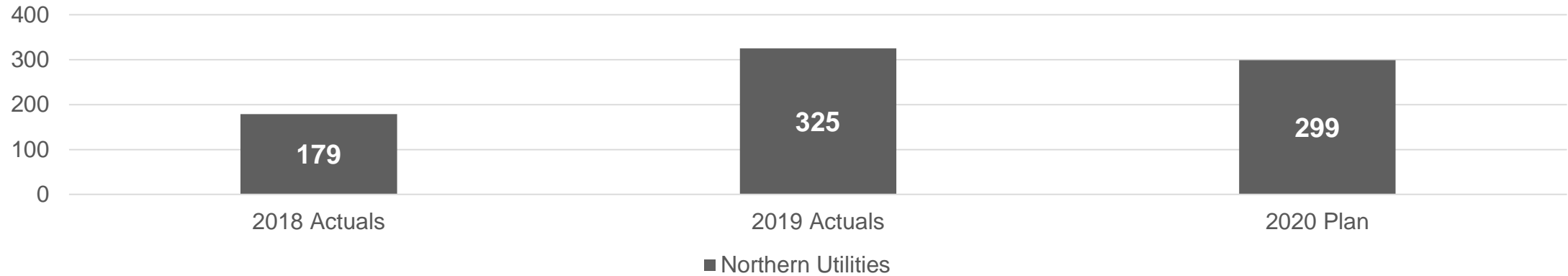


## Single Family Incentive Spend

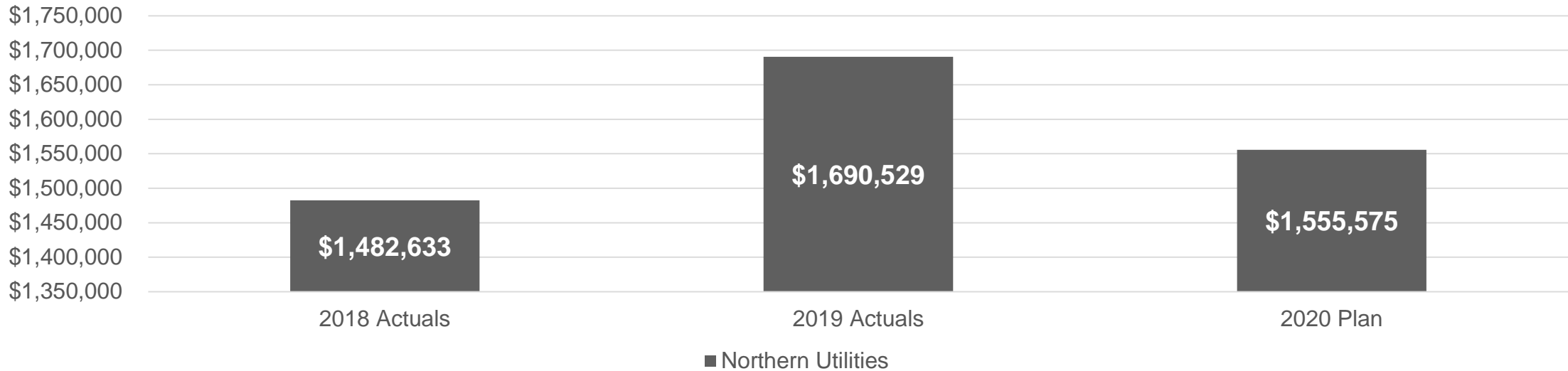


# 2018 – 2020 Progress and Plan

## Multi-Family Tenants Served

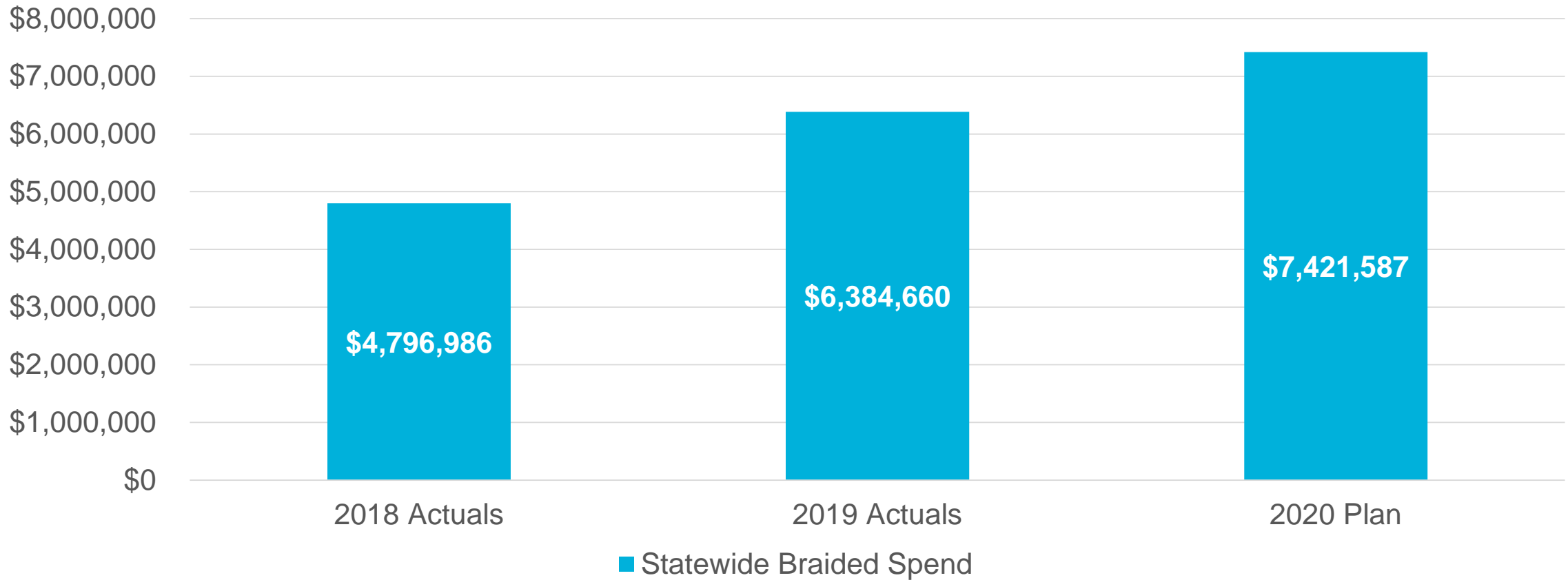


## Multi-Family Incentive Spend



# 2018 – 2020 Progress and Plan

Statewide Braided Incentive Spend (SF and MF, Northern and Ameren IL)



# Utility Input and Discussion

- Questions?