

2021 AMI Annual Implementation Report

The logo for ComEd, featuring the word "ComEd" in a bold, red, sans-serif font. The letter "E" is stylized with a white starburst or spark-like graphic inside it. A registered trademark symbol (®) is located to the right of the "d".

ComEd®

An Exelon Company

Smart Grid Advisory Council
March 25, 2021

Purpose and Background

Purpose

- Review the overview of ComEd's final AMI Annual Implementation Progress Report (AIPR) and Appendices

Background

- **EIMA (PUA §16-108.6) requires the following of the AIPR:**

“On April 1 of each year beginning in 2013 and after consultation with the Smart Grid Advisory Council (SGAC), each participating utility shall submit a report regarding the progress it has made toward completing implementation of its AMI Plan. This report shall:

- 1) describe the AMI **investments made** during the prior 12 months and the AMI **investments planned** to be made in the following 12 months;
- 2) provide sufficient detail to determine **the utility's progress in meeting the metrics and milestones** identified by the utility in its AMI Plan; and
- 3) identify any **updates to the AMI Plan.**”

AIPR Outline

Chapter 1: Overview and Introduction

Chapter 2: AMI Operational Deployment

- Project Management Office (PMO)
- AMI Network and Meter Deployment
- Customer Experience
- AMI Information Technology and Business Transformation
- Change Management and Business Readiness

Chapter 3: Customer Applications

- Inform and Facilitate access to AMI data and related products, programs, and services
- Collaborate with and Enable the Smart Grid ecosystem
- Deliver customer applications made possible by AMI

Chapter 4: Customer Outreach/Education

- Customer Outreach and Education
- Customer Education and Awareness
- Customer Messaging Efforts
- AMI Deployment Communications

Chapter 5: Metrics and Milestones (*Including Attachments*)

Appendix A:

- Updated National Institute of Standards and Technology (NIST) Inoperability Standards
- Time of Use Rates
- Vulnerable Customers Progress
- Distributed Generation Mapping

Appendix B: Rider NAM Biannual Report

Appendix C: AMI Plan Verification

Chapter 2: AMI Operational Deployment

2020 Accomplishments	2021 Activities
<ul style="list-style-type: none">The AMI Deployment project was completed 12/31/2019. Project final year accomplishments were included in the previous year AIPR.	<ul style="list-style-type: none">N/A

Chapter 3: Customer Applications & Initiatives

2020 Accomplishments	2021 Activities
<ul style="list-style-type: none">• More than 298,000 customers participated in Peak Time Savings events and collectively earned \$5.3 million in bill credits• Hourly Pricing grew by almost 7% over the previous year (total of 37,000 participants)• Collaborated with 58 municipalities to install more than 24,000 smart LED streetlights and upgrade 8,700 LED lights with smart capabilities• Launched a new pilot concept in partnership with energy efficiency vendor Power TakeOff and Chicago Public schools to test an enhanced version of Virtual Commissioning (VCx) that remotely identifies and verifies operational improvements that could lead to deeper energy savings	<ul style="list-style-type: none">• Analyze the Hourly Pricing Bill Protection Pilot “risk-free guarantee” offer to determine its effectiveness and potential inclusion as a permanent feature of the program• Increase Low-Income targeting for the PTS program and implement a unique notification track that will feature ComEd financial assistance programs• Expand the IFTTT capabilities available to ComEd customers that will enable seamless enrollment in home automation applets and a carbon triggers to encourage shifting energy use to cleaner times of the day• Year 4 of Smart Streetlights Deployments

Chapter 4: Customer Outreach & Education

2020 Accomplishments	2021 Activities
<ul style="list-style-type: none">• 33,317 customers enrolled in Peak Time Savings in 2020.• Hosted 51 Smart Energy Hub field trips in Chicago and Rockford, welcoming a total of over 1,400 visitors.• Hosted 11 CARE workshops and table events resulting in over 9,200 direct interactions.• 81 information meetings were held with customer groups.	<ul style="list-style-type: none">• Continue engaging customers through education and awareness about energy management programs and services enabled by smart meter technology.• Outreach methods may include email, customer bill newsletters, social media, and community events.

Appendices

	Highlight
Appendix A	<ul style="list-style-type: none">• Provides history of products and services developed to enable the provision of Time Of Use rates and other dynamic pricing options by RESs
Appendix B	<ul style="list-style-type: none">• Summarizes the operation of Rider NAM (Non-AMI Meter) for the last six months of 2020• Cost per monthly refusal meter read is moderating but still higher (i.e., \$23.59) than the currently approved monthly Rider NAM fee of \$21.53.
Appendix C	<ul style="list-style-type: none">• AMI Plan Verification