

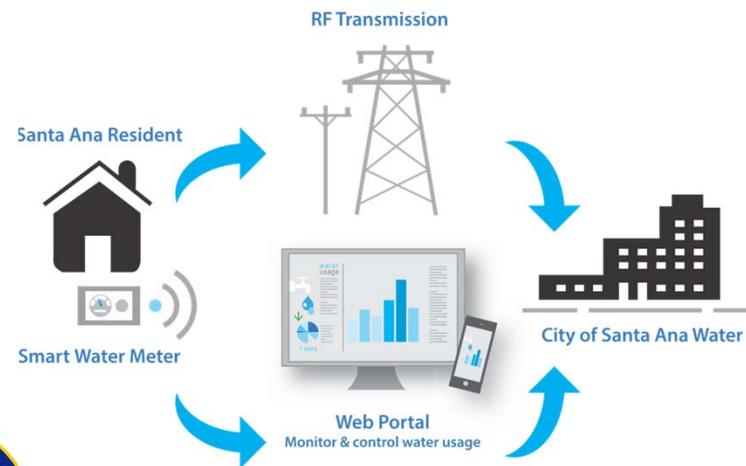
Automated Meter Infrastructure Implementation Plan

CITY COUNCIL MEETING
NOVEMBER 17, 2020



Automated Meter Infrastructure

- AMI is a system of water meters that communicate over a radio frequency network with software applications that remotely collect water consumption, detects water leaks, and sends alerts and event notifications.
- This effort is led by the Public Works Agency in cooperation with the Information Technology and Finance and Management Services Agencies.



Benefits

- Minimizes the need for City staff “roll trucks” to read meters or perform manual shutoffs and turn-ons, saving time and labor costs.
- Saves water and promotes water conservation with early leak detection and notification.
- Offers self-service and more engagement via web or smartphone based portals.
- Promotes online bill payments.
- Provides hourly data of water usage intervals.
- Sends water users notifications.



AMI Deployment Timeline



Alpha Phase

- Initial 6 months
- Radio Network setup
- Software installation and integration
- Deploy 100 meters to confirm network accuracy



Beta Phase

- Next 6 months
- Deploy 1,000 meters
- Complete acceptance testing

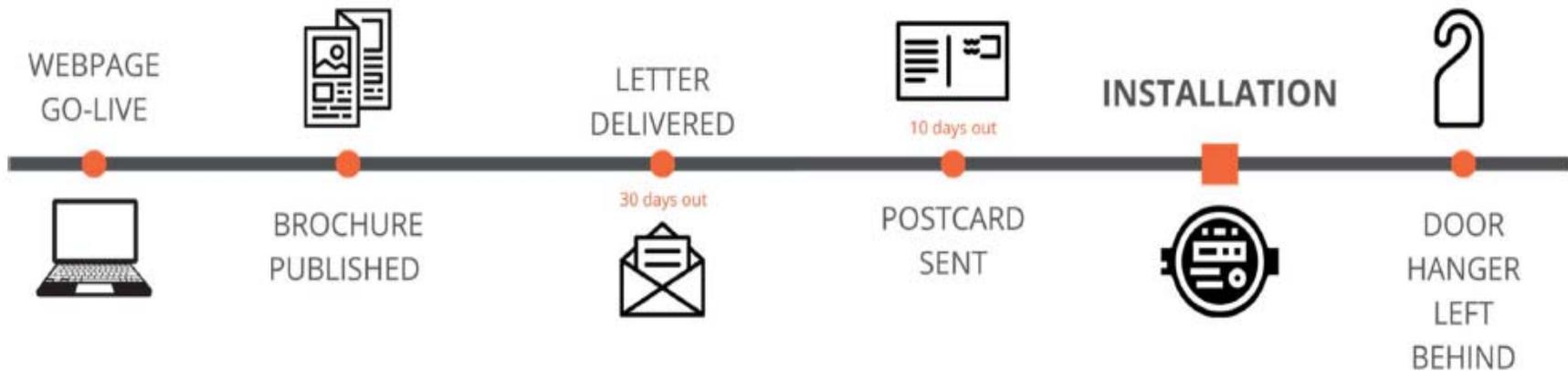


Full Deployment

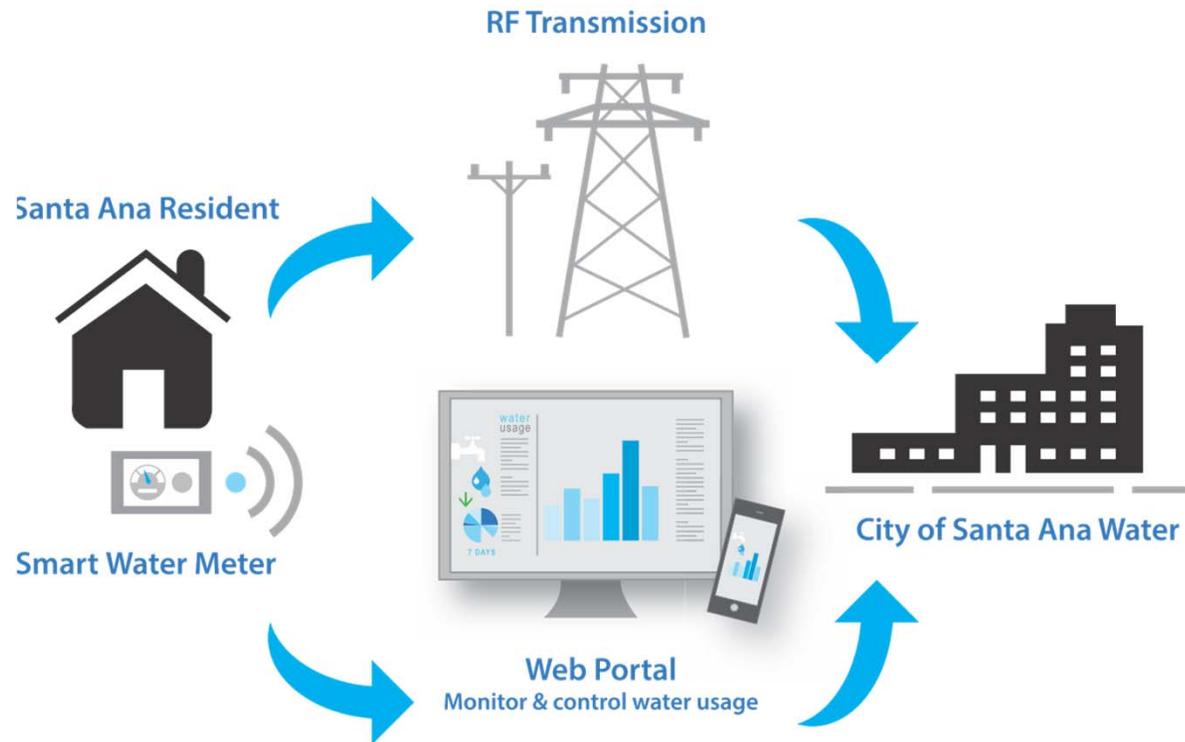
- 30 months
- Large-scale meter replacements across the customer base
- Approximately 1,450 meters a month



CUSTOMER NOTIFICATION TIMELINE



Questions



Thank You

