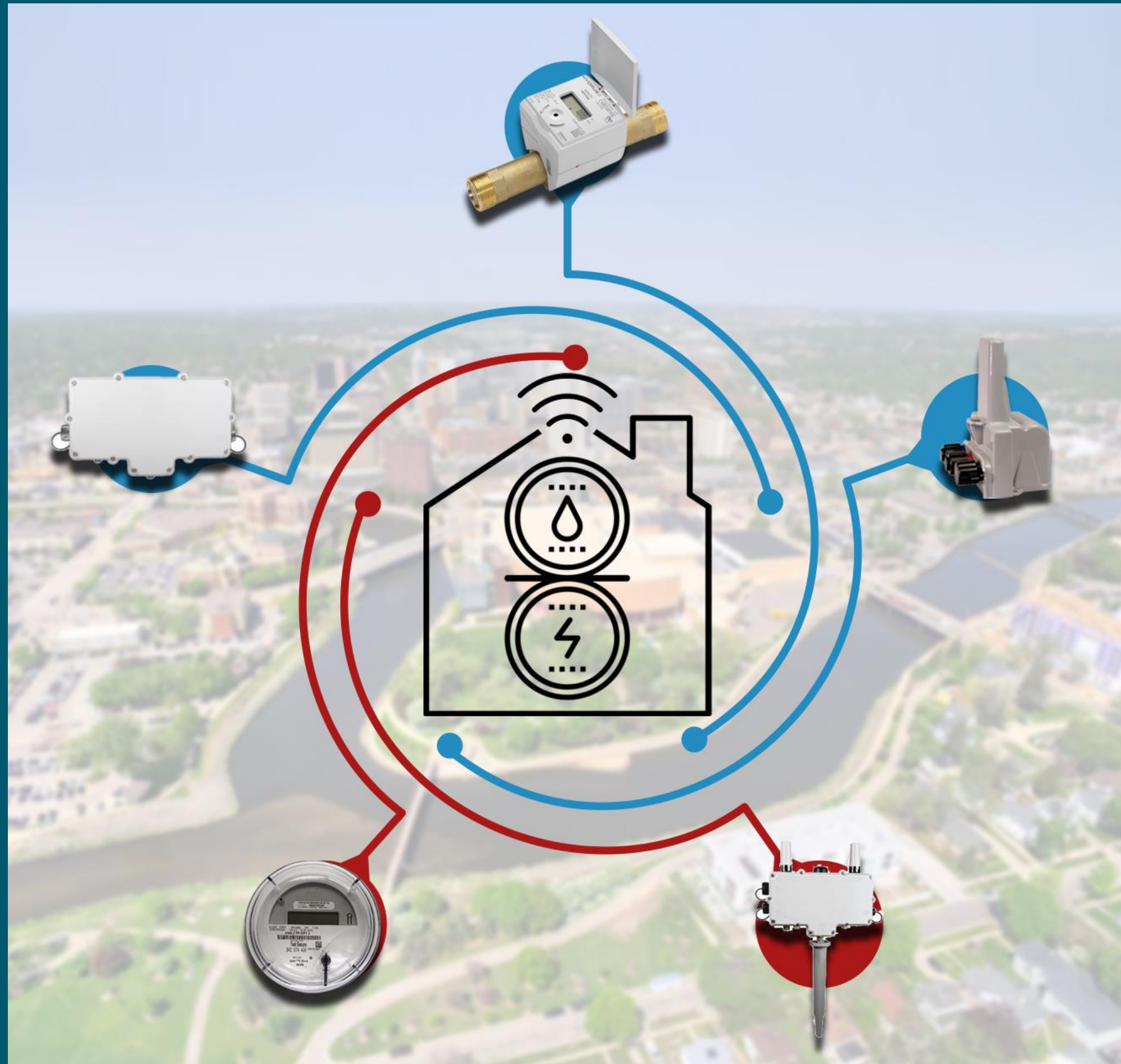


Advanced Metering Infrastructure Project

Project Overview

PROJECT SUMMARY:

The project involves three main parts - Advanced Metering Infrastructure (AMI), Meter Data Management (MDM), and the joint effort of RPU personnel and the Meter Installation Vendor (MIV) to replace 60,000 electric and 40,000 water endpoints. The replacement will take place over a period of three years, starting in the fall of 2025.



ACCOMPLISHMENTS:

- ✓ RFPs have been completed for AMI, MDM, and MIV.
- ✓ Product demonstrations have been held.
- ✓ A preferred best in breed solution has been selected.
- ✓ Contract negotiations are complete.
- ✓ A project timeline has been established.

PROJECT DASHBOARD

PROJECT STATUS



PROJECT TITLE

Advanced Metering Infrastructure Project

PROJECT MANAGER

Util-Assist

EXECUTIVE SPONSOR

Scott Nickels

DATE

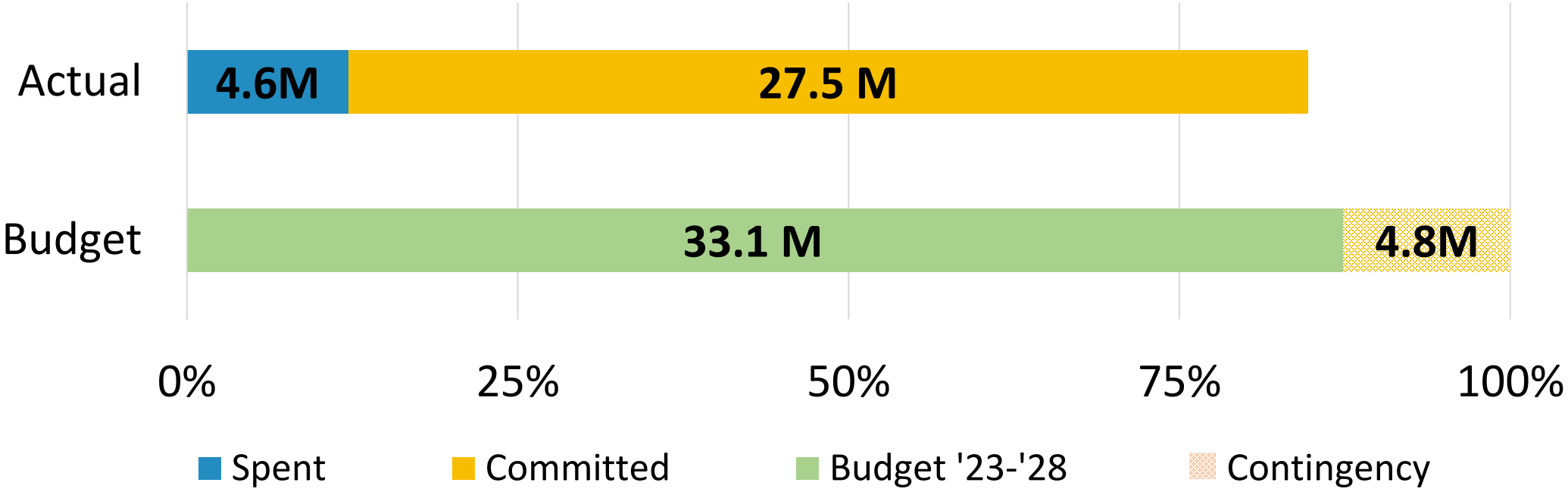
April 1, 2025



SCHEDULE

Project Start Date	October 2023
Baseline Finish Date	December 2028
Estimated Finish Date	December 2028

FINANCIALS



% BUDGET

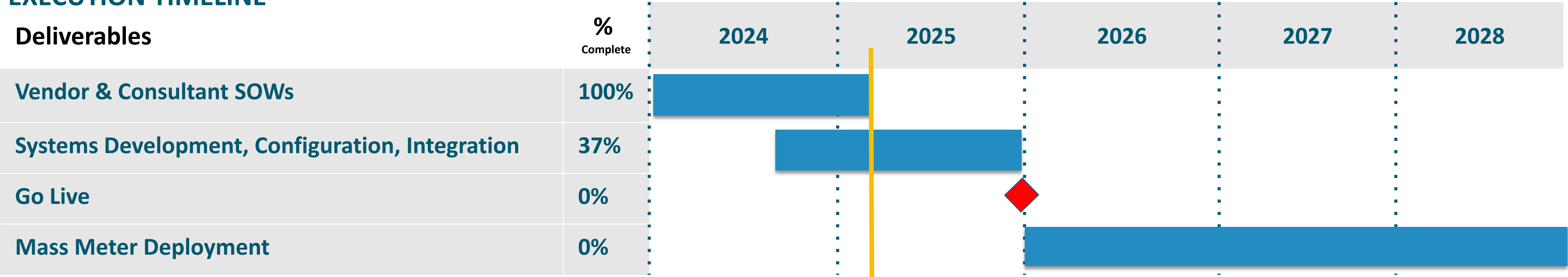
84.7 %

% COMPLETE

20 %

EXECUTION TIMELINE

Deliverables



KEY RISKS & ISSUES

No.	Description	Severity	Impact	Status
1	Meter Delivery	Low	Schedule/Budget	Open
2	System Integrations – ERT communication	High	Schedule/ Budget	Open
3	Water Meter Deployment - Residence Entrance	Medium	Schedule/Budget	Open

UPCOMING MAJOR MILESTONES

- April 2025:**
- Continue with solution configurations
 - Complete FAT for QA and PROD water ERTs
 - Finalize all vendor system solution designs
- May 2025:**
- Continue with solution configurations
 - Complete Test Strategy/Plan
 - Begin developing test cases for all systems
 - Begin Itron Functional Testing

PROJECT STATUS DESCRIPTION

As of April, all vendor contracts for the System Integration project have been successfully executed. Throughout March, RPU completed the FAT for all electric meters. Additionally, vendors have been working to finalize their respective requirement documentation. RPU has approved the majority of these documents, with only two pending approvals for Cayenta and one remaining for SmartWorks. On March 18, Util-Assist hosted a Build/Test Phase kick-off meeting to align all vendors on the build and test schedule. Vendor development and configuration efforts commenced on March 27, with the vendors now working on development and configuration based on the already-approved requirement documents. Util-Assist is leading the testing effort for the project and has begun drafting the test strategy document, which will integrate feedback from all vendors. A defect was discovered when the RPU team was doing FAT on two PROD ERTs that Itron upgraded to the newest firmware version, V12.9. Testing revealed that this firmware version cannot communicate directly with the existing Itron Gen 5 electric meter firmware version (V10.5.803). Firmware V12.9 ERTs can only communicate with an AMI Relay. The ability for an ERT to communicate directly with an electric meter is mandatory for AMI deployment. As a result, RPU is unable to deploy AMI water endpoints using the current electric and water firmware versions. An earlier version of the 500W ERT firmware (V6.6.0.0) is capable of direct communication with the Itron Gen 5 electric meter firmware and an AMI Relay. However, this version does not support the collection of Diehl water meter events and alarms. RPU is currently in discussions with Itron to determine the best course of action to address and resolve this risk.

PROJECT PHASES

