

CASTLE ROCK WATER

RESOLUTION ADOPTING THE 2019 SCADA CAPITAL IMPLEMENTATION PLAN

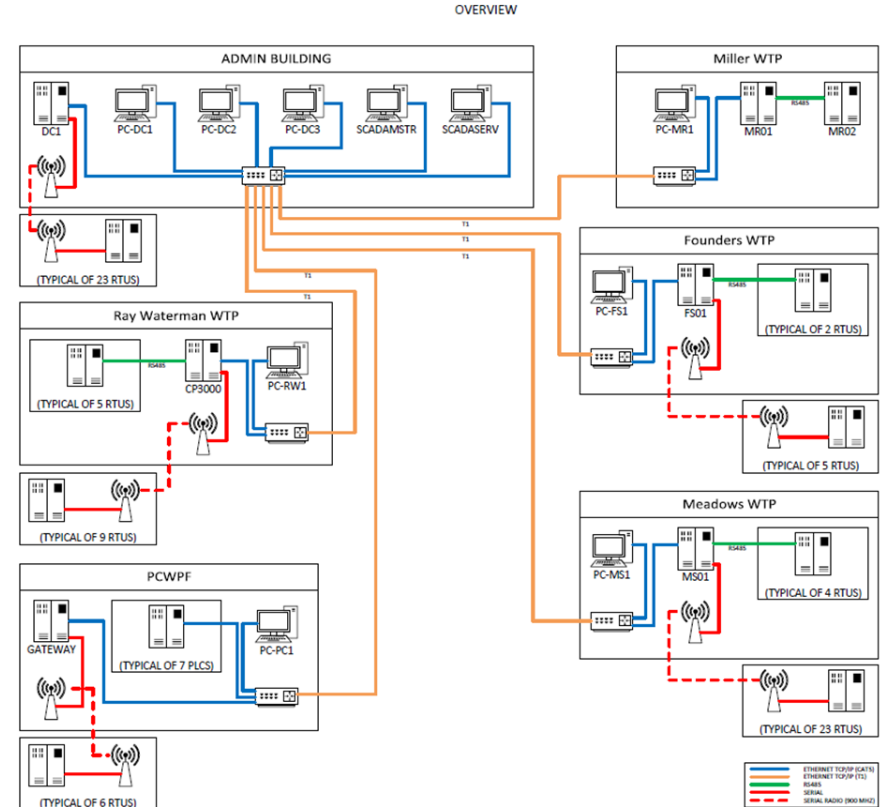
DECEMBER 17, 2019



SCADA SYSTEM

BACKGROUND

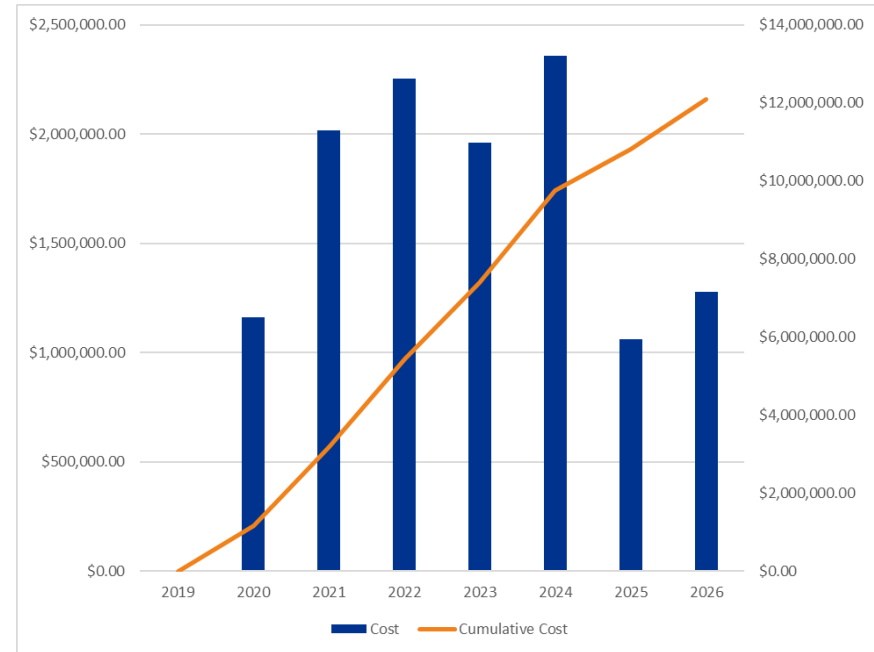
- **What is SCADA?**
 - Process monitoring & control/communications
 - Been around since the 1960s
 - Based on Programmable Logic Controllers
 - Critical system
- **2019 SCADA Master Plan**
 - Update to previous plan
 - Time to upgrade
 - Address obsolescence/lack of support



SCADA SYSTEM

CAPITAL IMPLEMENTATION PLAN

- **\$12M investment next ~7 years**
- **Migrate from Bristol Babcock to Allen Bradley equipment**
 - ~\$2.3M capital increase
 - Lower life cycle costs
- **Iconics software to PlantPAX by Rockwell Automation**
- **Improve cybersecurity**
- **Needed for long term**
- **Keep rate increases within projected**
- **Working with DoIT for technical support**





THANK YOU

I MOVE TO APPROVE THE RESOLUTION AS INTRODUCED
BY TITLE