

Utility directors' meeting

Platte River Power Authority
Friday, Mar. 8, 2024, 10 a.m.

Agenda

- Estes Park technical discussions Reuben Bergsten
 - Absent
- Fort Collins technical discussions Tyler Marr/Phillip Amaya
 - None provided
- Longmont technical discussions Darrell Hahn
 - ADMS/DERMS demos
 - DistribuTech debrief
 - Study of central/backup dispatch
 - Plant information (PI) Historian
- Loveland technical discussions Kevin Gertig/Adam Bromley
 - General impression of systems viewed at DistribuTECH and recommendations by PRPA
 - Update on AMI (dashboard presentation on our statistics to date)
 - DER update
 - Change Masterplan completion on the matrix from March to May, 2024
- Platte River technical discussions Sarah
 - All requirements contract Raj/Zach Borton
 - Fire safety and risk mitigation – distributed energy storage Raj
 - DER alignment and coordination table update
- Roundtable

Upcoming topics

- Distributed energy storage

DER alignment and coordination

	<u>AMI</u>	<u>MDMS</u>	<u>CIS</u>	<u>ADMS</u>	<u>Smart Grid</u>
Estes Park	~99% electric complete, ~11,000 meters 1;	We are planning to use PRPA's platform.	We must replace ours. We'd like to join the PRPA platform	We are planning to use PRPA's platform	Custom, not sustainable. ²
Fort Collins	Complete ³	Q4 2023 ⁴	Final negotiations	Road mapping	RFP
Longmont (updated 1/2024)	Phase 1: complete; ~700 installed Phase 2: Complete; ~3000 new installed, communicating, billing from CIS Phase 3: full deployment started 1/2024 (4,000/month) Expect to have all ~47,000 meters exchanged by 12/2024	Vendor selection by end of March 2024; go-live January 2026	Full CIS go-live anticipated Dec. 2026	Starting to determine what parts of ADMS are needed to help determine possible vendors. Vendor selection in Q2 2025	Testing equipment (S&C IntelliRupters) for Smart Grid implementation. Currently reviewing "Smart Grid Roadmap."
Loveland	Meter Exchange vendor selected. Mass deployment starts Feb 2024, scheduled to complete by mid 2025. Currently, 5,000+ meters installed	Production system is in final testing. Go-Live date is scheduled for January 8.	Complete	Currently assessing OMS requirements and obtaining budgetary quotes.	Electric Utility Master Plan is tentatively scheduled for completion in late March 2024 and will address high level roadmap SG topics.

¹ We have time-of-use net meters that are not AMI. About 50% of our water meters have been switch to AMI. Can we standardize on one AMI platform with the other three cities?

² AMI feeds into our GIS to display transformer loading, power quality, outage management; AMI feeds into smart grid for automated text/email outage notification. The data communication interface for these functions is custom and costly to maintain.

³ Desired information

⁴ Desired information



Platte River

Power Authority

Estes Park • Fort Collins • Longmont • Loveland