

Utility directors' meeting

Loveland Water and Power
Friday, Sept. 13, 2024, 10 a.m.

Agenda

- Estes Park technical discussions Reuben Bergsten
 - None provided
- Fort Collins technical discussions Travis Walker
 - None provided
- Longmont technical discussions Darrell Hahn
 - Centralized call center update
 - 5-way emergency mutual aid agreement update
- Loveland technical discussions Kevin Gertig/Adam Bromley
 - Loveland Master Plan
- Platte River technical discussions Sarah
 - Distributed energy storage update Paul
 - DER alignment and coordination table update
 - VPP joint statement request
 - DERMS RFP update (follow up in October or November) Paul
- Roundtable

Upcoming topics

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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 8/2024)	34,000 meters installed to date Expect to complete exchange of all 49,000 meters by Dec 2024 Vendor: Landis + Gyr	Working on legal reviews Go-live expected late Jan 2026 Vendor: IP Keys/Parson (Note: This vendor also has a DERMS communications suite to communicate via cellular and WiFi with EV, PV, W/H, AC, Smart Therm and other devices)	Formal kick-off completed Go-live expected late Jan 2026 New customer portal launched 8/22/2024. Vendor: Cayenta	Formal kick-off completed Still evaluating ADMS alternatives and waiting for the PRPA DERMS RFP to progress Go-live expected late Jan 2026	Testing S&C IntelliRupters Adding several meter centric programs and pilots through L+G (AMI vendor) Finalizing Smart Grid roadmap
Loveland (updated 9/2024)	Approximately 30,300 meters have been exchanged to AMI. There are about 11,100 remaining electric meters to exchange. Customer Web Portal RFI process is nearing completion; RFP to select vendor will	Live in production. CIS is using all AMI meters for billing processes. New accounts from meter exchanges are transitioned over into MDMS daily.	Automated Remote Disconnect/Reconnect project has kicked off; will require integrations to CIS, AMI, and payment processing system.	Waiting for news on the GRIP grant application; further investigation into Loveland's requirements for OMS/ADMS. This is a pivotal project included in our Technology Roadmap.	First draft of the Technology Roadmap is complete. Working on refining staffing and resources to accomplish projects identified in roadmap.

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

	be issued in late Sept/Oct. Payment processor replacement project will occur in parallel with CWP. Manual meter read fee and new AMI				
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