

Utility directors' meeting

Loveland Water and Power
Friday, Oct. 18, 2024, 10 a.m.

Agenda

- Estes Park technical discussions Reuben Bergsten
 - None provided
- Fort Collins technical discussions Travis Walker/Coy Althoff
 - None provided
- Longmont technical discussions Darrell Hahn
 - Consolidated call center update
 - 5-way mutual aid agreement
 - Rates coordination
- Loveland technical discussions Kevin Gertig/Adam Bromley
 - Alexander Mountain Fire – after action report
- Platte River technical discussions Paul
Dave
Sarah/Jason
 - DER/storage and utility scale storage update
 - Rates discussion
 - All requirements/Organic Contract update

Follow up items

- Call center spreadsheet
 - Coordination meeting
- Mutual aid agreement joint collaboration meeting
- New DER alignment and coordination dashboard

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

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	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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Platte River Power Authority Support Agreement Inventory

Customer use and billing data agreements:

- Platte River and [Estes Park](#) – 9/28/2000
- Platte River and [Fort Collins](#) – 5/18/1998
- Platte River and [Longmont](#) – 5/30/2002
- Platte River and [Loveland](#) – 8/17/1998

Customer information system (CIS) services agreements:

- Platte River and [Fort Collins](#) – 6/21/2022 (amended 11/18/2022 and 1/1/2024)
- Platte River and [Longmont](#) – 7/27/2022

Substation maintenance, engineering support, and technical support agreements:

- Platte River and [Estes Park](#) (substation maintenance) – 8/28/2008
- Platte River and [Estes Park](#) (technical support) – 3/10/2022
- Platte River and [Fort Collins](#) (substation maintenance and engineering support) – 6/21/2016 (amended 12/10/2018)
- Platte River and [Fort Collins](#) (communication and fiber optic technical support) – 4/25/2022 (amended 11/17/2022)
- Platte River and [Longmont](#) (engineering support) – 5/12/2021
- Platte River and [Loveland](#) (substation maintenance) – 5/8/2013
- Platte River and [Loveland](#) (technical support) – 9/27/2022

Electric efficiency and demand side management program agreements:

- Platte River and [Longmont](#) – 4/8/2005
- Platte River and [Loveland](#) – 12/18/2012
- Platte River, [Estes Park](#), [Fort Collins](#), [Longmont](#), and [Loveland](#) – 1/9/2020

Parallel generation purchase and sale agreement (energy from qualifying facilities under the Public Utility Regulatory Policies Act of 1978):

- Platte River and [Estes Park](#) – 6/9/1981
- Platte River and [Fort Collins](#) – 6/16/1981
- Platte River and [Longmont](#) – 6/24/1981
- Platte River and [Loveland](#) – 6/16/1981

Joint compensation study agreement:

- Platte River, [Estes Park](#), [Fort Collins](#), [Longmont](#), and [Loveland](#) – 4/11/13 (amended 11/20/2017, 8/5/2020, 1/1/2024)

Joint resource planning analysis agreement:

- Platte River and [Fort Collins](#) – 6/3/2014

Exchange of legal services agreement:

- Platte River and [Loveland](#) – 9/5/2012

SCADA services agreements:

- Platte River and [Estes Park](#) – 1/1/2015
- Platte River and [Loveland](#) – 1/1/2015

Northern Colorado Regional Communication Network member contribution agreement:

- Platte River and [Fort Collins](#) – 5/18/2018

Parallel generation service agreement:

- Platte River, [Fort Collins](#), and [Colorado State University](#) – 11/28/06

EV charging station agreement:

- Platte River and [Fort Collins](#) – 5/30/2014 (renewed and restated 9/25/2022)

Drake water reclamation facility pumphouse water delivery agreement:

- Platte River and [Fort Collins](#) – 9/7/2022