Utility directors’ meeting

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

Agenda

• Estes Park technical discussions
  o Absent
  Reuben Bergsten

• Fort Collins technical discussions
  o None provided
  Tyler Marr/Phillip Amaya

• Longmont technical discussions
  o ADMS/DERMS demos
  o DistribuTech debrief
  o Study of central/backup dispatch
  o Plant information (PI) Historian
  Darrell Hahn

• Loveland technical discussions
  o General impression of systems viewed at DistribuTECH and recommendations by PRPA
  o Update on AMI (dashboard presentation on our statistics to date)
  o DER update
  o Change Masterplan completion on the matrix from March to May, 2024
  Kevin Gertig/Adam Bromley

• Platte River technical discussions
  o All requirements contract
  Sarah
  o Fire safety and risk mitigation – distributed energy storage
    Raj/Zach Borton
  o DER alignment and coordination table update
    Raj

• Roundtable

Upcoming topics

• Distributed energy storage
## DER alignment and coordination

<table>
<thead>
<tr>
<th></th>
<th>AMI</th>
<th>MDMS</th>
<th>CIS</th>
<th>ADMS</th>
<th>Smart Grid</th>
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</thead>
<tbody>
<tr>
<td><strong>Estes Park</strong></td>
<td>~99% electric complete, ~11,000 meters ¹;</td>
<td>We are planning to use PRPA’s platform.</td>
<td>We must replace ours. We’d like to join the PRPA platform</td>
<td>We are planning to use PRPA’s platform</td>
<td>Custom, not sustainable. ²</td>
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<td><strong>Fort Collins</strong></td>
<td>Complete³</td>
<td>Q4 2023⁴</td>
<td>Final negotiations</td>
<td>Road mapping</td>
<td>RFP</td>
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<td><strong>Longmont</strong> (updated 1/2024)</td>
<td>Phase 1: complete; ~700 installed</td>
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<td>Phase 2: Complete; ~3000 new installed, communicating, billing from CIS</td>
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<td>Phase 3: full deployment started 1/2024 (4,000/month)</td>
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<td>Expect to have all ~47,000 meters exchanged by 12/2024</td>
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<td><strong>Loveland</strong></td>
<td>Meter Exchange vendor selected. Mass deployment starts Feb 2024, scheduled to complete by mid 2025. Currently, 5,000+ meters installed</td>
<td>Production system is in final testing. Go-Live date is scheduled for January 8.</td>
<td>Complete</td>
<td>Currently assessing OMS requirements and obtaining budgetary quotes.</td>
<td>Electric Utility Master Plan is tentatively scheduled for completion in late March 2024 and will address high level roadmap SG topics.</td>
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¹ We have time-of-use net meters that are not AMI. About 50% of our water meters have been switched 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