

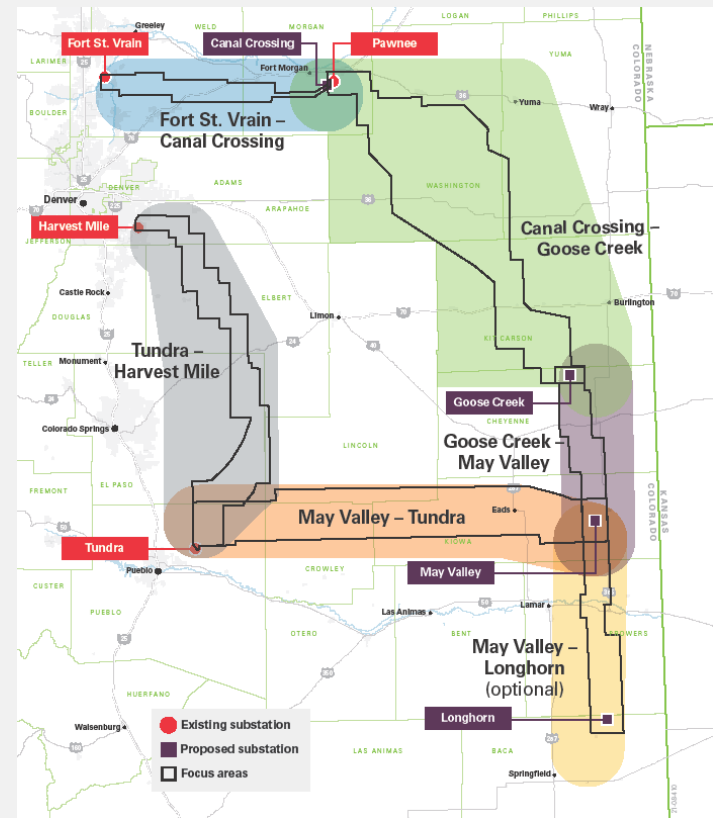
# **Salida Unit #1 Retirement and Decommissioning and 2021 ERP & CO Power Pathway**

**City of Salida Council Meeting  
November 15, 2021**



# 2021 Electric Resource Plan & CO Power Pathway

Resource Type	Capacity (MW)
Wind	2,300
Utility-Scale Solar*	1,600
Storage	400
Dispatchable Resources	1,300
Total	5,600



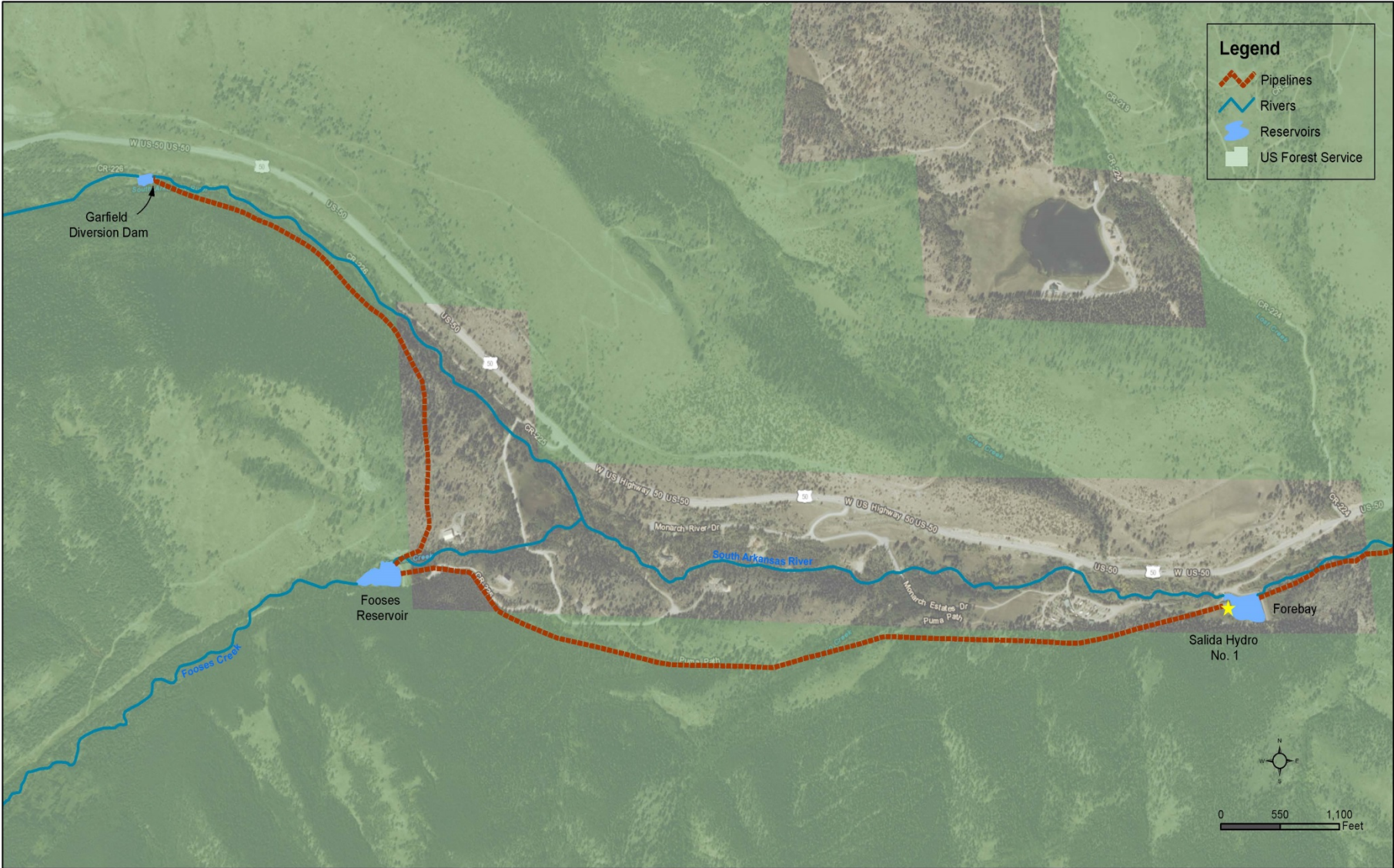
# Why Decommission Salida 1?

- **Unit #1 no longer economical**
  - ◆ **Small generation output**
  - ◆ **High expected investment to repair/replace (primarily the pipeline and penstock) and maintain facilities**
- **Investigated options to sell or transfer facilities to other entities**
- **Unit #2 will continue to operate**

# Salida Unit #1 Facilities

- Garfield Diversion Dam and Garfield Reservoir
- 4,806-foot pipeline from Garfield Diversion Dam to Fooses Reservoir (gravity line)
- Fooses Dam and Fooses Reservoir
- 8,080-foot penstock from Fooses Reservoir to Powerhouse #1
- 1,100-hp turbine and 750 kw generator (0.8 MW)
- Unit #1 Powerhouse

*Salida Hydro No. 1*



Last Updated: 2/8/2016  
Drawn by Jesseka Farago



# Garfield Dam and Reservoir





# Garfield to Fooses Pipeline





# Fooses Dam and Reservoir





# Fooses to U1 Powerhouse Penstock





# Unit #1 Powerhouse



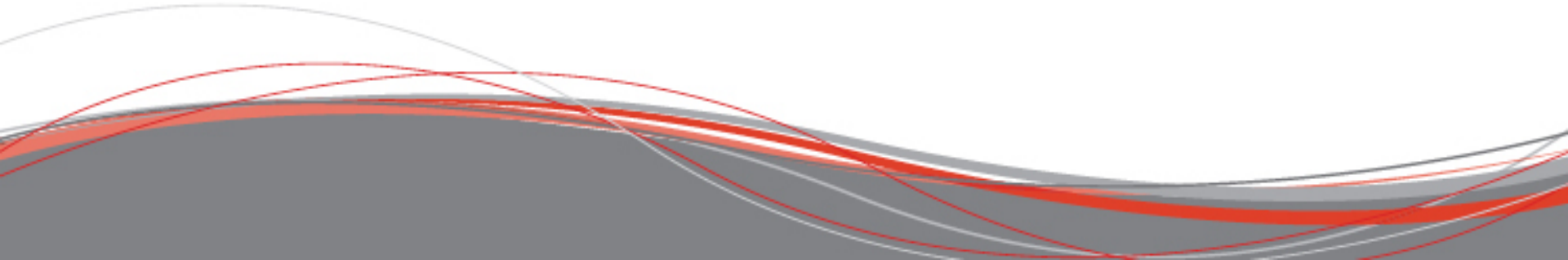
# Highlights of Project

- Remove 50' long concrete Garfield dam
- Remove 4,806' of Garfield to Fooses gravity flowline
- Remove 218' long earth & rockfill Fooses dam
- Remove majority of 8,080' of Fooses to U1 Powerhouse penstock
- Restore approximately 376' of the South Arkansas River at Garfield Reservoir, including revegetation and fish habitat
- Restore approximately 765' of Fooses Creek at Fooses Reservoir, including revegetation and fish habitat
- Repair/rebuild washed out FR 226 to facilitate safe construction
- Revegetate disturbed areas associated with pipeline removal with native plant species
- Unit #1 Powerhouse will not be removed at this time



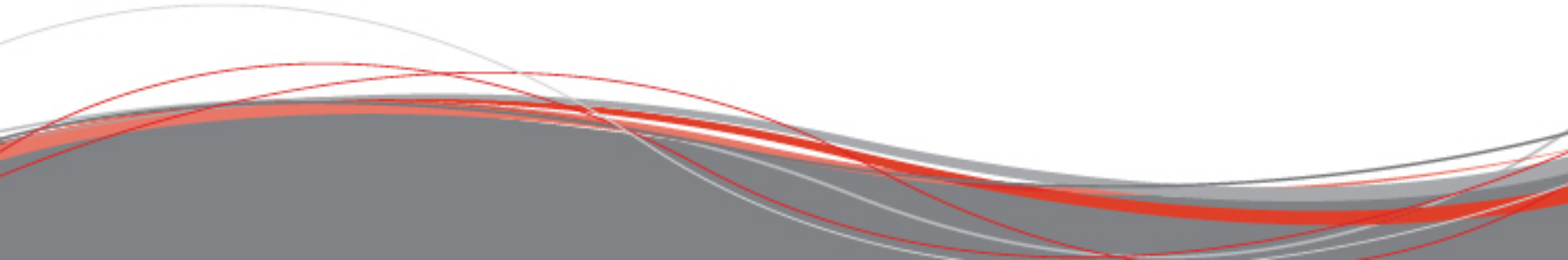


# FERC Process

- **Non-capacity amendment application to FERC**
  - **Application to include plan for decommissioning/  
removal of facilities**
  - **Minimize or eliminate adverse environmental  
impacts**
  - **FERC requires agency consultation**
    - ◆ **60-days to review draft application**
  - **FERC to prepare Environmental Assessment**
- 

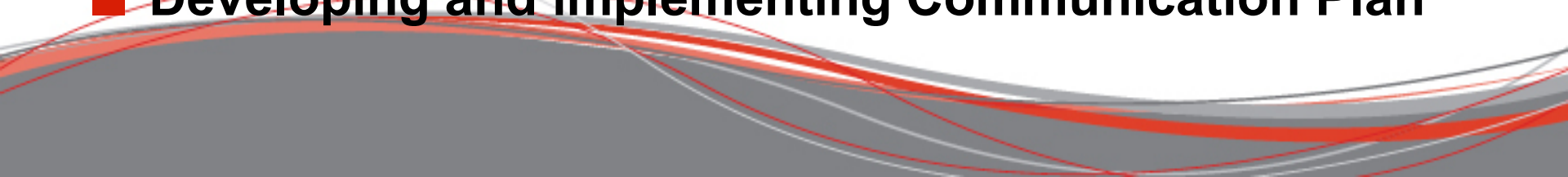


# Agency Consultation

- **U.S. Forest Service, Pike-San Isabel Natl Forests**
  - **Colorado Parks and Wildlife**
  - **Colorado Department of Public Health and Environment, Water Quality Control Division**
  - **Colorado Department of Natural Resources, State Engineers Office**
- 



# Status of Project

- Design for Project through 90% is complete
  - Consultation with USFS, CPW, WQCD, and SEO on-going
  - Consultation with Section 106 (historic properties) stakeholders
  - Draft FERC application provided to agencies for review
  - In process of working on other permits required for project
  - Developing and implementing Communication Plan
- 





# Status of Project

- Contractor selection in process
- Construction planned as a 2-year project
  - ◆ 2022 - Fooses (and pipeline removal)
  - ◆ 2023 – Garfield (and pipeline removal)
- Monitoring & Maintenance will occur for period of time following construction



# Request

- **Do you have questions about the project?**
  - **Do you have concerns about the project?**
  - **Who in the community do you suggest we inform about the project?**
- 