



# Southeastern Colorado Water Conservancy District

Report to the Arkansas River Compact Administration

Wednesday, December 8, 2021



Fryingpan-Arkansas Project



# 2020 Fry-Ark Imports

May 1 Projection:  
38,000 AF

Actual Imports  
30,866 AF

Available for  
Allocation

19,755 AF

Return Flows  
3,199 AF



# Winter Water

Water Stored  
November 15, 2020-  
March 15, 2021

System Total  
83,667 AF  
(65%)

Pueblo Reservoir  
28,528 AF

John Martin Reservoir  
11,254 AF

A large concrete dam with a spillway, a rocky breakwater, and a barge on the water. The dam is the central focus, with a spillway on the left and a rocky breakwater extending into the water. A barge is docked at the base of the dam, and a crane is visible on the barge. The background shows a hilly landscape under a blue sky with scattered clouds.

# Feature & Asset Valuation Study, Phase II

Goal:

To determine the value of Fryingpan-Arkansas Project features and District assets

Phase I:

Providence Infrastructure Consultants reviewed key features and assigned costs.

Phase II:

Refine estimates in 2021 for Condition Assessment study

Initial investigation for Condition Assessment study completed in 2021



# Recovery of Storage Phase II

Pueblo Reservoir lost almost 20,000 AF storage 1975-2012 from sediment.

Rate is accelerating to nearly 1 million cubic yards per year.

Second phase refined estimates to 25,000 AF losses 1975-2021.

Studying whose water will be impacted, and when.

# THE ARKANSAS VALLEY CONDUIT (AVC) PROJECT



## SCHEDULE

AVC planning complete, contract with Reclamation and Pueblo Water negotiated and signed in early 2021.

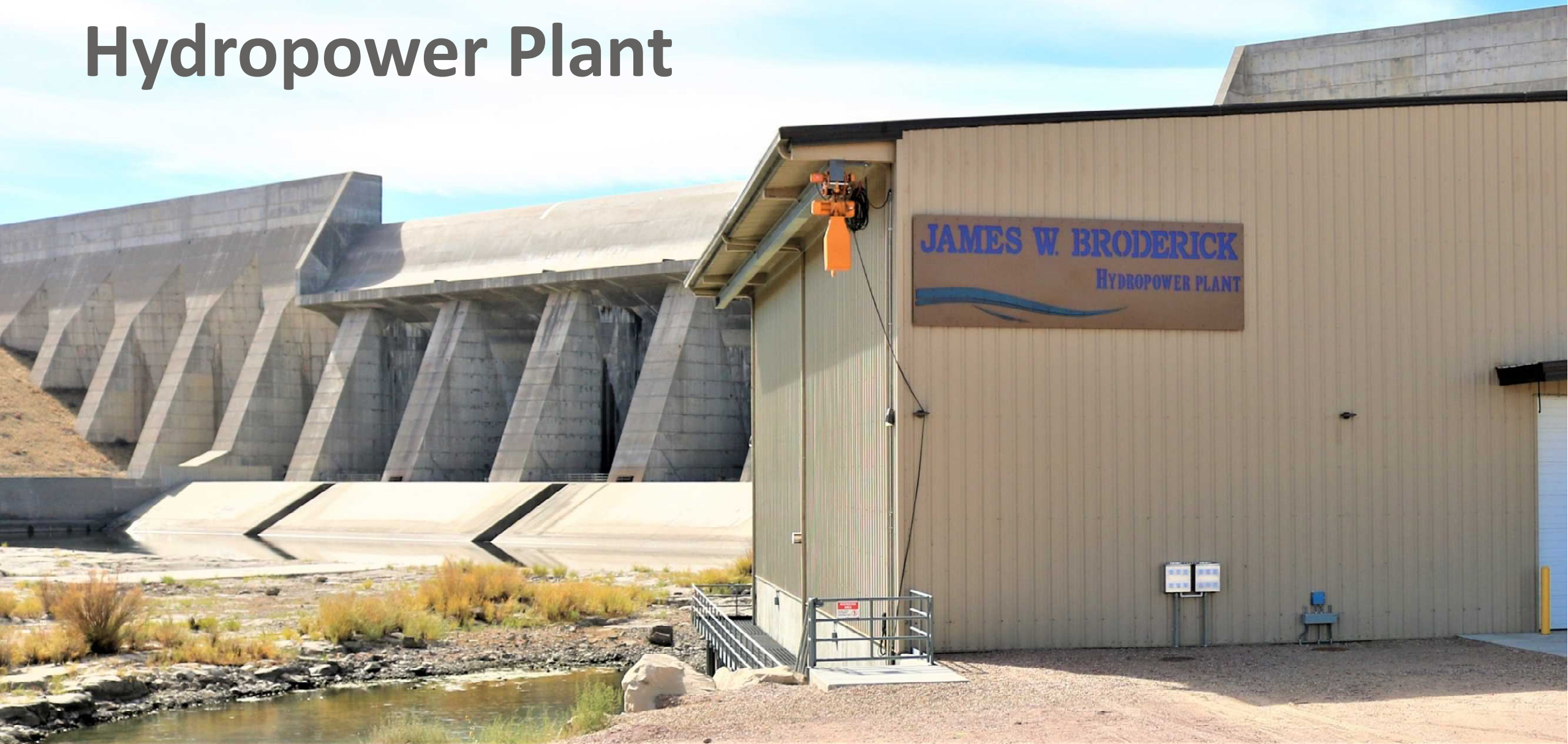
Construction will begin in October-November 2022.

Boone and Avondale reach complete by 2024.

Entire line complete by 2035.

The focus of the Southeastern District in 2021 was to explain changes in the AVC project to all 39 participants, and to solicit American Rescue Plan funding where appropriate. We are looking at obtaining federal infrastructure funding in 2022 to accelerate construction of the trunk line down the Arkansas Valley by as much as 8-10 years. Looking for efficiencies in some of the spurs and delivery lines.

# James W. Broderick Hydropower Plant








# Second full year of operation in 2021

Production rates down  
during May-June 2021

Reduced flows  
throughout the year

Will meet 75% of income  
projections in 2021

Revenues will help  
defray AVC OM&R costs  
in future years



# Excess Capacity Master Contract

Fifth year of operation in  
2021; 40-year contract

Allows participants to  
store water in Pueblo  
Reservoir

6,575 AF maximum  
storage in 2021; average  
storage 3,000 AF

2022 storage will be  
6,595 AF maximum



Questions?