

RESOURCE AND ENGINEERING PLANNING COMMITTEE

MINUTES

April 1, 2021

A meeting of the Resource and Engineering Planning Committee was held on Thursday, April 1, 2021 at 10:01 a.m. at the District Office, 31717 United Avenue, Pueblo, Colorado via Zoom virtual meeting.

Chairman Mitchell announced a quorum was present.

COMMITTEE MEMBERS PRESENT:

Curtis Mitchell – Chairman, Seth Clayton – Vice Chairman, Andy Colosimo, Pat Edelmann, Tom Goodwin, Bill Long, and James Broderick.

COMMITTEE MEMBERS ABSENT AND EXCUSED:

None

OTHERS PRESENT:

Alan Hamel, Southeastern Colorado Water Conservancy District (District) Board; Jenny Bishop, Colorado Springs Utilities; Warren Paul, Patrick McLaughlin and John Dawson, Mott MacDonald, Kevin Meador, Garrett Markus, Margie Medina, Leann Noga, Patty Rivas, and Chris Woodka, District staff.

APPROVAL OF MINUTES:

Chairman Mitchell asked for approval of the March 4, 2021 minutes, and if there were any corrections or additions. Hearing none, Seth Clayton moved, seconded by Pat Edelmann to approve the minutes. Motion passed unanimously.

PRESENTATIONS:

JAMES W. BRODERICK HYDROPOWER PLANT UPDATE (JWBHP)

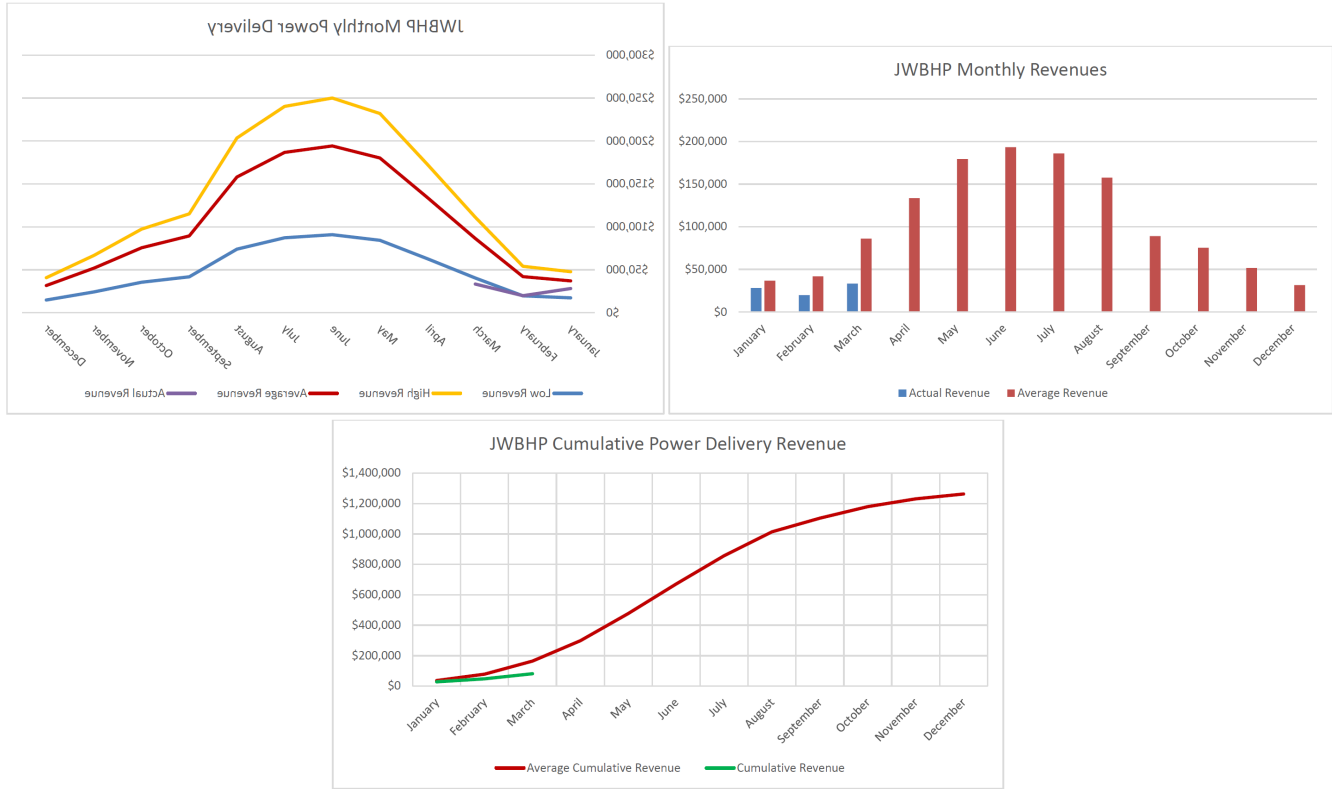
The James W. Broderick Hydropower Plant (JWBHP) generated at 12% percent of full rated capacity in March 2021 compared to an average expected generation of 31% percent. Following is a summary of the operations:

Month	Scheduled (MWh)	Delivered (MWh)
Jan	558	506
Feb	392	270
Mar	1540	659

The average daily generation in March was 0.89 MW per hour compared to the average expected output for March of 2.29 MWh per hour or 39 percent of average production, respectively. Flows during March remained at minimums in the range of 50-60 cubic feet per second (cfs) with flows increasing to 220 cfs in the final 10 days of the month. Revenue generated in March 2021 is estimated at \$33,600 compared to an average March generation of \$86,100 or 39 percent of average. The figures on the next page show the actual generation compared to the average generation for January.

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RECOVERY OF STORAGE UPDATE

Chris Woodka reported Phase I of the Recovery of Storage Study was completed in October 2020 and looked at the relative costs of dredging or enlarging Pueblo Reservoir, the two best alternatives for recovering storage space that has been lost or will be lost in the future.

Phase II will look at other alternatives that could reduce or mitigate future sedimentation loss or increase available storage. This will be a multi-year process with incremental steps.

At its January 21, 2021 meeting, the Board directed staff develop a statement of work or RFP to:

- 1) Assess the impact of the loss of storage due to sedimentation on District storage and operations, as well as other storage contracts; and project at what point storage loss becomes critical to limiting Fry-Ark operations.
- 2) Using available GIS coverages and basin characteristics, identify and rank/prioritize drainages that are likely major sediment sources to Pueblo Reservoir in the upper Arkansas basin downstream of Browns Canyon.

A proposed scope of work was discussed by the Subcommittee for Recovery of Storage with Mott MacDonald (Consultants) on February 4, 2021, and suggestions made to refine the work.

John Dawson presented a PowerPoint on Phase II Scope of Work Overview reviewing the goals & objectives. The key assumptions, highlighting electronic data at the request of the District, the Bureau of Reclamation will provide the available electronic files for all historical bathymetry and topographic data collected within Pueblo Reservoir since dam closure. The project scope of work, deliverables and estimated schedule were reviewed.

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1. Project Management – April 12 thru July 16, 2021
2. Project Initiation Workshop – April 27-30, 2021
3. Data Collection and Basis of Assessment – May 3-14, 2021
4. Storage Allocation Impacts Assessment and Storage Loss Forecasting Analysis – May 17 thru June 23, 2021
5. Review Meeting – June 24-30, 2021
6. Final Assessment Report and Presentation – July 1-16, 2021

Task	Deliverable	Submission Date
1	Project Management Plan Update	April 21, 2021
	Project Status Meeting Minutes	April 23, 2021
	Project Status Meeting Minutes	May 5, 2021
	Project Status Meeting Minutes	May 19, 2021
	Project Status Meeting Minutes	June 2, 2021
	Project Status Meeting Minutes	June 16, 2021
2	Project Initiation Workshop Minutes	April 30, 2021
3	Basis of Assessment Memorandum	May 14, 2021
4	Draft Final Report, Phase II – Fryingpan-Arkansas Storage Recovery Study	June 23, 2021
5	Review Meeting minutes	June 30, 2021
6	Final Report, Phase II – Fryingpan-Arkansas Storage Recovery Study	July 9, 2021
	Minutes of the Final Report Presentation Meeting	July 16, 2021

ACTION ITEMS:

INCLUSION OF LAND ANNEXED BY COLORADO SPRINGS

Garrett Markus informed the Committee an application of assent was received for the annexation of the Date Joint Venture Add. No. 1 into Southeastern Colorado Water Conservancy District located in El Paso County.

Tom Goodwin moved, seconded by Seth Clayton that the Committee recommend the Board approve, by Resolution 2021-02D INCL-AX, the inclusion of the Date Joint Venture Add. No. 1 annexation annexed by Colorado Springs subject to the following terms and conditions:

1. Approval of these inclusions into the Southeastern Colorado Water Conservancy District will not increase the amount of Fryingpan-Arkansas Project water available to the city. Any Fryingpan-Arkansas Project water used on these included lands will need to come from the water allocated to the city through Fryingpan-Arkansas Project water allocations made pursuant to the District’s Allocation Principles and Policies; and
2. Any use of Fryingpan-Arkansas Project water on the included lands is subject to the decrees for the Fryingpan-Arkansas Project, and to all lawful rules, regulations, principles, policies, and contractual obligations of the District; and

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3. The annexed lands will be subject to ad valorem taxes levied by the District as any other similarly situated lands in the District at the time of this inclusion; and
4. Prior to the District filing a petition for District Court approval of this inclusion, the Municipality, and/or owner(s) of the annexed lands shall have paid all the costs charged by the United States in connection with the contracting officer's assent to this inclusion.

Motion unanimously passed.

INFORMATION ITEMS:

Garrett Markus explained that the action item in relation to Restoration of Yield (ROY) was removed from the agenda due to the ROY partners needing more information for all parties to move forward.

OTHER BUSINESS

None

NEXT MEETING

Next meeting will be May 6, 2021 at 10:00 a.m.

ADJOURN

Chairman Mitchell adjourned the meeting at 10:46 a.m.

Respectfully submitted,

Garrett J. Markus, P.E.

Water Resources Engineer