

## RESOURCE AND ENGINEERING PLANNING COMMITTEE

### MINUTES

October 1, 2020

A meeting of the Resource and Engineering Planning Committee was held on Thursday, October 1, 2020 at 10:00 a.m. at the District Office, 31717 United Avenue, Pueblo, Colorado via video conferencing.

Chairman Mitchell announced a quorum was present.

#### COMMITTEE MEMBERS PRESENT:

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

#### COMMITTEE MEMBERS ABSENT AND EXCUSED:

None

#### OTHERS PRESENT:

John Dawson, Bill Veydovek, Chris Metzger, Dave Jurich, Paul Warren with Mott McDonald; Jenny Bishop, Colorado Springs Utilities; Alan Hamel, Dallas May, Mark Pifher, Southeastern Colorado Water Conservancy District (District) Board; Garrett Markus, Kevin Meador, Margie Medina, Lee Miller, Leann Noga, Patty Rivas, and Chris Woodka, District staff.

#### APPROVAL OF MINUTES:

Chairman Mitchell asked for approval of the September 10, 2020 minutes, and if there were any corrections or additions. Hearing none, Pat Edelmann moved, seconded by Seth Clayton to approve the minutes. Motion passed unanimously.

#### PRESENTATIONS:

##### JAMES W. BRODERICK HYDROPOWER PLANT UPDATE

The James W. Broderick Hydropower Plant (JWBHP) generated at 36 percent of full rated capacity in September 2020. Following is a summary of the operations:

Month	Scheduled (MWh)	Delivered (MWh)
Jan	744	732
Feb	696	556
Mar	1,860	2,169
Apr	3,544	3,500
May	5,012	4,021
June	5,232	5,060
July	5,030	4,172
August	2,016	2,232
September	1,584	1,000

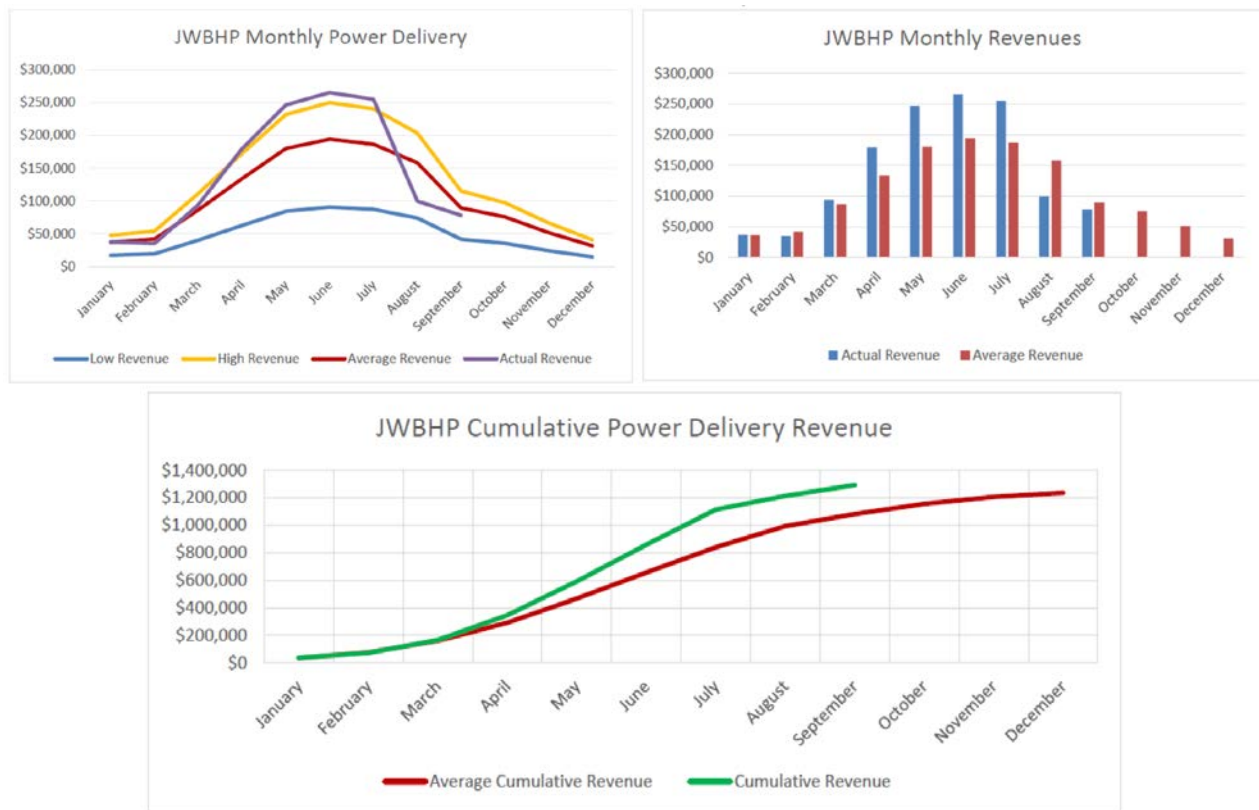
The average daily generation in September was 2.2 MWh (scheduled) and 1.4 MWh (delivered) MWh per day compared to the average expected output for September of 2.5 MWh per day or 88 percent of

## RESOURCE AND ENGINEERING PLANNING COMMITTEE MINUTES

October 1, 2020

average capacity, respectively. Through the end of September 2020, we have scheduled approximately 2,200 MWh more than we have produced or about 10% more than we have delivered. We will be scheduling less than we anticipate producing over the next few months to get those numbers closer together. Flows during September 2020 were in the range of 86-100 cubic feet per second (cfs). Flows are predicted to remain low in October in the 85-100 cfs range.

Revenue generated in September 2020, is estimated at \$78,360 compared to an average September generation of \$89,500 or 88 percent of average. Cumulative revenue through September 2020, was \$1,292,196 compared to average budgeted revenue of \$1,081,307 or 120 percent of average. The figures below show the actual generation compared to the average generation for the year and the cumulative generation for the year-to-date.



### ACTION ITEMS:

#### RECOVERY OF STORAGE REPORT AND NEXT STEPS

Garrett Markus introduced the team at Mott MacDonald. John Dawson covered the Phase 1 Storage Recovery Study review. Mott MacDonald recommended a variety of approaches that include dredging, reservoir enlargement, diversion of sediment and additional storage, not all of which were studied in the initial Study in the “Next Steps” portion of their work.

Next step recommendations include:

1. Appoint a Storage Recovery Strategy Committee
2. Define the Study Area

**RESOURCE AND ENGINEERING PLANNING COMMITTEE MINUTES**

**October 1, 2020**

3. Conduct a pre-screening assessment of alternative/methodologies for storage recovery or sustainability within the Upper Arkansas River Basin
4. Conduct a detailed alternatives analysis of pre-screened alternatives
5. Develop a scope of work for data collection programs and develop an implementation strategy prior to advancing the project to a feasibility level.
6. Collect the necessary data, identify preferred alternatives in conjunction with stakeholders, and scope a full environmental and engineering feasibility study, including costing and scheduling.

At the request of District staff, Mott MacDonald also prepared an estimate of the time and expenditures that would be needed to develop a Recovery of Storage program for the District.

The formation of a subcommittee of the Resource and Engineering Planning Committee was suggested to look at this sole issue. The subcommittee will develop a long-term strategy to regain storage that has been lost as well as prevent future loss of storage through a strategic program.

Andy Colosimo moved, seconded by Seth Clayton that the committee recommend to the Enterprise Board acceptance of the Mott MacDonald SECWCD Fryingpan-Arkansas Storage Recovery Study (Phase I), and formation of a subcommittee of the Resource and Engineering Planning Committee to evaluate next steps recommended in the Study. Motion passed unanimously.

**INFORMATION ITEMS:**

None

**OTHER BUSINESS**

Jim Broderick informed the committee that the AVC Ceremony will be held Saturday, October 3, 2020 at the Pueblo Dam, an RSVP is required.

**NEXT MEETING**

November 5, 2020 at 10:00 a.m.

**ADJOURN**

Chairman Mitchell adjourned the meeting at 10:57 a.m.

Respectfully submitted,

Garrett J. Markus, P.E.  
Water Resources Engineer