

# RESOURCE AND ENGINEERING PLANNING COMMITTEE

## MINUTES

August 1, 2024

A meeting of the Resource and Engineering Planning Committee was held on Thursday, August 1, 2024, at 10:00 a.m. at the District Office, 31717 United Avenue, Pueblo, Colorado and via Zoom virtual meeting.

Chairman Curtis Mitchell announced a quorum was present.

### COMMITTEE MEMBERS PRESENT:

Curtis Mitchell – Chairman, Seth Clayton– Vice Chairman, Andy Colosimo (virtual), Pat Edelmann, Tom Goodwin (virtual), and Leann Noga

### COMMITTEE MEMBERS ABSENT AND EXCUSED:

Bill Long

### OTHERS PRESENT:

Alan Hamel, SECWCD Director; Mike Holmberg, Bureau of Reclamation; Garrett Markus, Chris Woodka, Gordon Dillon, and Margie Medina, Southeastern Colorado Water Conservancy District (District) staff.

**Zoom Participants:** Lee Miller, District staff.

### APPROVAL OF MINUTES:

Chairman Mitchell asked for approval of the June 6, Resource and Engineering Planning Committee minutes and if there were any corrections or additions. Seth Clayton moved, seconded by Pat Edelmann, to approve the minutes. Motion passed unanimously.

### PRESENTATIONS:

#### JAMES W. BRODERICK HYDROPOWER PLANT UPDATE

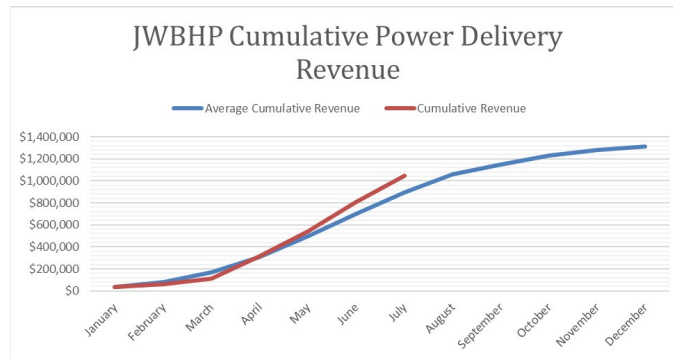
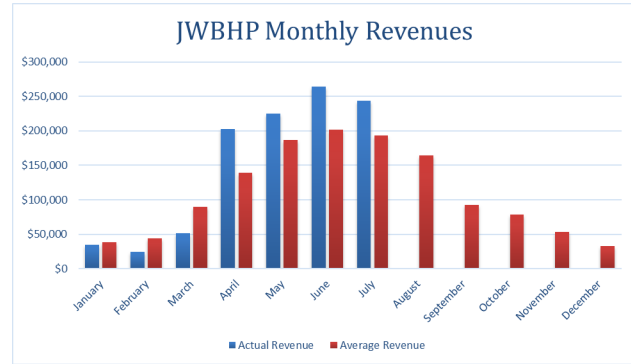
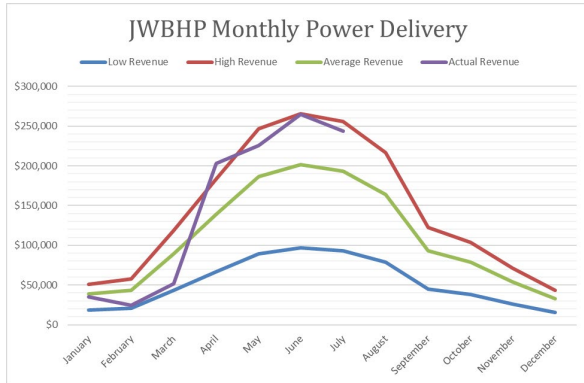
Garrett Markus updated the Committee on the James W. Broderick Hydropower Plant (JWBHP) starting with the current operations for the month of July2024.

**Table 1 - JWBHP Operations Dashboard**

	THIS MONTH	LAST MONTH	YEAR TO DATE
Power Generation (MWhrs)	4,879	5,060	19,928
Scheduled Power (MWhrs)	4,632	5,033	19,925
Revenue	\$243,551	\$264,635	\$1,047,657
% Of Average Generation	126%	131%	117%

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**NORTH OUTLET WORK OUTAGE OF AUGUST 2024**

Gordon Dillon provided a PowerPoint showing the work being done and why, at the Hydro Plant. Reclamation has scheduled a shutdown of the North Outlet Works to perform maintenance and repair on the Fixed Control Valve (FCV). During this shutdown/outage, District Staff will take advantage of this outage and perform maintenance work that can only be done when the North Outlet Works is dewatered. The JWBHP has been experiencing leakage on the Unit 1 Turbine Shut Off Valve (TSV) when in the closed position. Riverside Inc. has given pricing to perform repairs on the TSV and inspect the penstocks and a contract for these services has been prepared. Other work to be performed during this time includes cleaning of the oil/water separator (has not been done since installation), re-packing of one of the wicket gate actuators and maintenance on the sump pumps. The inspection work will be used to update the Capital Improvement Plan (CIP) within the Asset Management Program and will be used to schedule and budget preventative maintenance.

The total cost is estimated to be approximately \$20,000 with a loss of revenue estimated at \$2,968.00 based on last year's flow at this time. This loss of revenue will be lower because of reduced flows later in October or November. The cost of this work will be covered under the Equipment Maintenance and Repair budget item for JWBHP.

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**ACTION ITEMS:**

**RECOMMENDATION FOR APPROVAL OF THE AGREEMENT FOR PENSTOCK INSPECTIONS & TSV REPAIR BETWEEN RIVERSIDE INC. AND SOUTHEASTERN COLORADO WATER ACTIVITY ENTERPRISE**

Gordon Dillon recommended the Resource and Engineering Planning Committee recommends to the Southeastern Colorado Activity Enterprise Board approve the agreement for Penstock Inspections & Turbine Shutoff Valve Repair between Riverside Inc. and Southeastern Colorado Water Activity Enterprise.

The amount for this contract is \$10,000.00 and is included in an allocated budget item. During the North Outlet August 2024 Outage, the James W Broderick Hydropower Plant (JWBHP) will lose production revenue estimated at \$2,968.00 based on the historical river flow last year at the same time.

Riverside Inc. has been providing routine maintenance services for the hydro turbines and generators since the facility began operations in 2019. Riverside was a part of the original construction team that installed the hydropower equipment. This renewed contract is for continued maintenance services through the end of 2026.

Seth Clayton moved that the Resources and Engineering Planning Committee recommend that the agreement for Penstock Inspections & TSV Repair between Riverside Inc. and the Southeastern Colorado Water Activity Enterprise be approved and forward to the Southeastern Colorado Water Activity Enterprise Board for approval, seconded by Pat Edelman. Motion passed unanimously.

**INCLUSION OF LAND BY COLORADO SPRINGS**

Garrett Markus provided a PowerPoint identifying the annexation of Lot 15, Block 20, Park Vista Estates Addition annexation to the City of Colorado Springs. The application of assent has been submitted to the District and will be forwarded to Reclamation for the property.

Pat Edelman moved, seconded by Seth Clayton that the Resource and Engineering Planning Committee recommend the Board approve, by Resolution, the inclusion of the Lot 15, Block 20, Park Vista Estates Addition 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 passed unanimously.

**INFORMATION ITEMS:**

None

**OTHER BUSINESS**

None

**NEXT MEETING**

September 5, 2024, at 10 a.m.

**ADJOURN**

Chairman Mitchel adjourned the meeting at 10:27 a.m.

Respectfully submitted,

Garrett J. Markus, P.E.

Water Resources Principal Engineer