



---

## REGULAR BOARD MEETING AGENDA

Tuesday April 30, 2024  
4 p.m. – Closed Session  
5:30 p.m. – Regular Meeting

Utica Headquarters | 1168 Booster Way, Angels Camp, CA 95222

Join by video conference: <https://meet.google.com/ift-ojra-hxf>  
Join by phone: 740-303-2745 and enter this PIN: 503 098 659#

View the meeting agenda packet: [www.uticawater.com/board-of-directors/board-meeting-agendas-and-minutes](http://www.uticawater.com/board-of-directors/board-meeting-agendas-and-minutes)

## UTICA BOARD OF DIRECTORS

Ralph Chick – Chair  
Caroline Schirato – Vice Chair  
Jennifer Herndon – Secretary  
Gary Conrado – Director  
Tom Quincy – Director

## ORDER OF BUSINESS

1. Call to Order / Pledge of Allegiance
2. Roll Call
3. Approval of Agenda
4. Closed Session

- A. Public Employee Performance Evaluation. Government Code §54957.  
General Manager

**5. Reportable Action from Closed Session**

**6. Public Comment**

Members of the public may address the Board on items not listed on the agenda. Comments are limited to five minutes. No action will be taken on items not on the agenda. The public is encouraged to work with staff to put items on the agenda for Board consideration.

**7. Consent Calendar**

These items are expected to be routine and non-controversial. Unless a Board member pulls an item, all items will be approved together at one time without discussion.

- A. Approval of minutes from the March 26, 2024, Regular Board Meeting  
(Stacie Walker, Administrative Specialist)
- B. Financial reports for March 2024  
(Stacie Walker, Administrative Specialist)
- C. Generation report for March 2024 (Walker)  
(Stacie Walker, Administrative Specialist)
- D. Operations Report  
(Frank Fields, Operations and Maintenance Superintendent)
- E. Water Conveyance Report (Rasmussen)  
(Kyle Rasmussen, Water Conveyance Supervisor)
- F. Water supply conditions report

**8. Regular Agenda (Expected start time: 5:30 p.m.)**

- A. Discussion / action regarding draft FERC Conduit Exemption Application comments review, recommendations for studies, anticipated costs, and expected timelines.  
(Joel Metzger, General Manager)

- B. Discussion / action regarding Budget Adjustment 3 to the Fiscal Year 2023-2024 Budget.  
(Joel Metzger, General Manager)

**Resolution 2024-03**

- C. Discussion / direction regarding the draft FY 2024-2025 Budget, Utica Financial Analysis, and five-year JPA funding agreement.  
(Joel Metzger, General Manager)

D. \*Informational update regarding the Murphys Powerhouse Governor Project.  
(Jeremiah Hyde, Hydroelectric Technician)

E. Discussion / action regarding a resolution of support for Highway 4 agencies  
collaboration and partnership.  
(Joel Metzger, General Manager) **Resolution 2024-04**

F. Discussion / direction regarding appointing Directors with check signing  
authority for check run.  
(Joel Metzger, General Manager)

G. Discussion / direction regarding the designation of Board director for the  
vacant communications role in Utica's Emergency Action Plan.  
(Joel Metzger, General Manager)

**9. Correspondence, Board / General Manager Reports, Future Agenda Items**

A. Correspondence

B. General Manager Report

C. Board reports

D. Future agenda items

**10. Upcoming Board Meetings and Calendar Events**

- Tuesday May 28, 2024, at 5:30 p.m.
- Tuesday June 25, 2024, at 5:30 p.m.

**11. Adjournment**

**Utica Mission Statement**

We are committed to preserving and protecting local control of our water resources through effective fiscal and operational management and assuring a safe and reliable water supply for municipal and agricultural stakeholders, while ensuring the quality and quantity of this precious resource for generations to come.

**Americans With Disabilities Act**

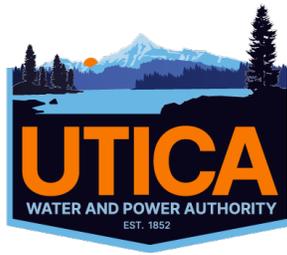
In compliance with Title II of the Americans with Disabilities Act, 28 CFR Part 36, if you need special assistance to participate in this meeting, please contact the Utica office at (209) 736-9419 or email your request to admin@uticawater.com. Notification in advance of the meeting will enable Utica to make reasonable accommodations to ensure

accessibility to this meeting. Any materials distributed to the Board that relate to an item on the agenda are available at the Utica office 72 hours prior to the scheduled meeting.

**Questions?**

Contact Utica at [admin@uticawater.com](mailto:admin@uticawater.com) or (209) 736-9419.

*\*Indicates no paperwork is included in the agenda packet.*



---

## REGULAR BOARD MEETING MINUTES

Tuesday, March 26, 2024  
4 p.m. – Closed Session  
5:30 p.m. – Regular Meeting

Utica Headquarters | 1168 Booster Way, Angels Camp, CA 95222

Join by video conference: <https://meet.google.com/ift-ojra-hxf>  
Join by phone: 740-303-2745 and enter this PIN: 503 098 659#

View the meeting agenda packet: [www.uticawater.com/board-of-directors/board-meeting-agendas-and-minutes](http://www.uticawater.com/board-of-directors/board-meeting-agendas-and-minutes)

### UTICA BOARD OF DIRECTORS

Ralph Chick – Chair  
Caroline Schirato – Vice Chair  
Jennifer Herndon – Secretary  
Gary Conrado – Director  
Tom Quincy – Director

### ORDER OF BUSINESS

#### 1. Call to Order / Pledge of Allegiance

- Meeting called to order at 4:01 p.m.

#### 2. Roll Call

- **Directors Present:**
  - Director Herndon
  - Director Schirato
  - Director Chick
  - Director Quincy

- Director Conrado
- **Directors Absent:**
  - None
- **Utica Staff Present:**
  - Joel Metzger, General Manager
  - Frank Fields, O & M Superintendent
  - Stacie Walker, Administrative Specialist
  - Kyle Rasmussen, Conveyance Supervisor (virtual)
- **Others Present:**
  - Brad Arnold, Consultant, EKI (virtual)
  - Rodger Masuda, Legal Counsel, Griffith Masuda Hobbs (virtual)
  - Stephen Kautz, public

### 3. Approval of Agenda

- **Board Discussion:** None
- **Public Comment:** None
- Director Herndon **made a motion** to approve the agenda
- **Second:** Director Quincy
- **Vote:** 5-0-0
- **Ayes:** Director Herndon, Director Schirato, Director Chick, Director Quincy, Director Conrado
- **Noes:** None
- **Abstain:** None
- **Absent:** None

### 4. Closed Session

- Meeting adjourned to closed session at 4:02 p.m.
- A. Conference with Legal Counsel – Anticipated Litigation. Significant exposure to litigation pursuant to subdivision (d)(2) of Government Code section 54956.9. - two potential cases
- B. Public Employee Performance Evaluation. Government Code §54957. General Manager

### 5. Reportable Action from Closed Session

- Meeting resumed public session at 5:38 p.m.
- **Report out:** Direction given to staff.

### 6. Public Comment

- None

## 7. Consent Calendar

These items are expected to be routine and non-controversial. Unless a Board member pulls an item, all items will be approved together at one time without discussion.

- Director Herndon pulled item 7A from the Consent Agenda because she had not attended the December 12, 2023, meeting.
- Director Schirato pulled item 7C from the Consent Agenda because she had not attended the February 13, 2024, meeting.

A. Approval of minutes from the December 12, 2023, Regular Board Meeting

B. Approval of minutes from the January 31, 2024, Special Joint JPA Meeting

C. Approval of minutes from the February 13, 2024, Regular Board Meeting

D. Financial reports for February 2024 (Walker)

E. Generation report for February 2024 (Walker)

F. Operations Report (Fields)

G. Water Conveyance Report (Rasmussen)

H. Water supply conditions report (Metzger)

- **Board Discussion:** None
  - **Public Comment:** None
  - Director Chick **made a motion to approve** consent agenda items 7B, 7D, 7E, 7F, 7G, and 7H
  - **Second:** Director Conrado
  - **Vote:** 5-0-0
  - **Ayes:** Director Herndon, Director Schirato, Director Chick, Director Quincy, Director Conrado
  - **Noes:** None
  - **Abstain:** None
  - **Absent:** None
- 
- **Board Discussion:** None
  - **Public Comment:** None
  - Director Schirato **made a motion to approve** consent agenda item 7A
  - **Second:** Director Conrado
  - **Vote:** 4-0-1
  - **Ayes:** Director Schirato, Director Chick, Director Quincy, Director Conrado
  - **Noes:** None
  - **Abstain:** Director Herndon
  - **Absent:** None
- 
- **Board Discussion:** None
  - **Public Comment:** None

- Director Herndon **made a motion to approve** consent agenda item 7C
- **Second:** Director Quincy
- **Vote:** 4-0-1
- **Ayes:** Director Herndon, Director Chick, Director Quincy, Director Conrado
- **Noes:** None
- **Abstain:** Director Schirato
- **Absent:** None

## 8. Regular Agenda

A. Discussion/action regarding approving updated water contractor addendum for the 2023-2024 irrigation season  
(Joel Metzger, General Manager)

- Mr. Metzger presented the PowerPoint and reviewed the recommendation of the Budget Committee.
  - **Board Discussion:** Director Herndon asked what the increase last year was per acre-foot (AF). Mr. Metzger answered 3%, but said the admin fee stayed the same. Director Conrado asked how UWPA rates compare to UPUD. Mr. Metzger said it depends on the size and location of the user, and he explained that the AF rate structure is meant to recoup lost generation revenue.
  - **Public Comment:** None
  - Director Schirato made a motion to approve a 3% increase in the per acre-foot charge for irrigation water contractors, a 10% increase in the administration fee, and add the late payment fee language proposed by staff to the 2024-2025 irrigation season contract addendum.
    - **Second:** Director Quincy
    - **Vote:** 5-0-0
    - **Ayes:** Director Herndon, Director Schirato, Director Chick, Director Quincy, Director Conrado
    - **Noes:** None
    - **Abstain:** None
    - **Absent:** None

B. Discussion/action of adoption of Tryon irrigation application  
(Joel Metzger, General Manager)

- Mr. Metzger explained that Mr. Tom Tryon has requested an increase in water allocation from 10 AF to 100 AF. Staff doesn't believe that the use of 100 AF would have a negative impact on operations and recommended the Board approve the increase.
  - **Board Discussion:** None
  - **Public Comment:** None

- Director Herndon **made a motion to approve** Mr. Tryon's requested water allocation increase from 10 acre-feet to 100 acre-feet for the 2024-2025 irrigation season
- **Second:** Director Quincy
- **Vote:** 5-0-0
- **Ayes:** Director Herndon, Director Schirato, Director Chick, Director Quincy, Director Conrado
- **Noes:** None
- **Abstain:** None
- **Absent:** None

C. Discussion action/ of adoption of a Petty Cash Policy  
(Stacie Walker, Administrative Specialist)

**Resolution 2024-02**

- Mr. Metzger said the Authority's current cash handling practices are only established by procedure, and he stated staff recommends UWPA's petty cash procedure should be made into a policy. Staff worked to create a policy that captures industry best practices and will reduce administrative time for small purchases under \$100.
- **Board Discussion:** Director Herndon asked how many transactions are made in cash. Mr. Metzger explained that most purchases are made by credit card, but the occasional cash need does occur.
- **Public Comment:** Mr. Kautz asked if the policy requires two people to count and handle cash. Ms. Walker stated that the policy requires both the general manager and a petty cash custodian to reconcile.
- Director Quincy **made a motion to adopt** Resolution 2024-02 approving the Utica Petty Cash Policy, as included in the agenda packet.
- **Second:** Director Conrado
- **Roll Call:**
  - Director Herndon: Aye
  - Director Schirato: Aye
  - Director Chick: Aye
  - Director Quincy: Aye
  - Director Conrado: Aye
- **Vote:** 5-0-0

D. Discussion/action regarding taking a support position on Senate Bill 1088:  
Alvarado-Gil  
(Joel Metzger, General Manager)

- Mr. Metzger said that Senator Alvarado-Gil has introduced legislation that could directly benefit Utica. Senator Alvarado-Gil's staff expressed they would welcome Utica's support. Additionally, Mr. Metzger would the Board to offer support of SB 1088 to establish a Rural and Small Community Fire Resilience Program.

- **Board Discussion:** None
- **Public Comment:** None
- Director Conrado **made a motion to authorize** the Utica Board Chair to sign the attached letter of support for SB 1088: Alvarado-Gil: Office of Emergency Services: Water System Infrastructure Improvements
- **Second:** Director Herndon
- **Vote:** 5-0-0
- **Ayes:** Director Herndon, Director Schirato, Director Chick, Director Quincy, Director Conrado
- **Noes:** None
- **Abstain:** None
- **Absent:** None

E. Discussion/direction regarding meetings between UWPA, UPUD, COA, and CCWD regarding water supply and reliability planning and partnerships (Joel Metzger, General Manager) \*

- Mr. Metzger has been meeting with Calaveras County Water District (CCWD), City of Angels (COA), and Union Public Utility District (UPUD) managers to talk about partnership and water supplies along the Highway 4 Corridor. Discussions included identifying partnerships, efficiencies, funding opportunities, and emergency response plans with the goal of opening communication among agencies and finding opportunities for partnerships. During the discussions, Mr. Michael Minkler, General Manager of CCWD, proposed a joint study to identify redundant water supply sources and research existing supply for reliability, deliverability, and efficiencies that can be gained. Everyone agrees that protecting the water supply is critical, and establishing emergency response partnerships would prove invaluable in situations like the 2001 Darby Fire. Mr. Metzger said that a resolution expressing support for working together will be presented to the full Board.

- **Board Discussion:** Director Chick asked if this is a time sensitive issue in regards to budget development. Mr. Metzger said, for now, there is only a commitment of time from the managers, but there could be an eventual financial implication that could trigger a budget adjustment, and he clarified financial consideration is not needed at this time. Director Conrado asked if there is a Memorandum of Understanding (MOU) for personnel and equipment during emergencies. Mr. Metzger confirmed there is an MOU in place for emergencies.
- **Public Comment:** None
- **Board Direction:** None

F. Discussion/direction regarding draft FERC Exemption Application comments (Joel Metzger, General Manager)

- Mr. Metzger is pleased to report that Monday March 25, 2024, marked the end of the comment deadline for the Draft FERC Conduit Exemption applications, and the vast majority of submissions have been to support Utica's efforts. Mr. Metzger briefly reviewed the comments that have been submitted thus far and stated he expects one more letter from the State Water Resources Control Board. Mr. Metzger stated that both local tribes have given support. Mr. Metzger said that when consulting with FERC about the exemption process, FERC made it clear that widespread community support is important to the process. Mr. Metzger said the support letters show exactly that. Mr. Metzger continued reviewing comments and pointed out that United States Forest Service (USFS) said it appreciates working with Utica, and they will require a special use authorization permit. Also, FERC authorized Utica as a non-federal representative to begin the Section 106 (research and identification of historic properties) consultation with the State Historic Preservation Officer (SHPO), which was granted. SHPO has a path forward to initiate the Section 106 and staff is working to compile the information. Staff would like to have the Section 106 complete before the final application submission. Moving forward, staff will write thank you letters to all commenters and will be preparing a comment table. Staff will be working with Stantec to develop an overview of requests, associated costs, and a preliminary timeline.
- **Board Discussion:** Director Schirato stated she is looking forward to seeing the comments, costs, and timeline. Director Herndon asked when Stantec will be talking with staff about the comments. Mr. Metzger said he has a standing weekly meeting with Stantec, and plans for staff to take on as much as possible to keep costs down. Director Schirato asked how long staff will wait for late comment letters. Mr. Metzger said he is only waiting for the State Water Board, but will address late letters as they come.
- **Public Comment:** Mr. Fields asked if current projects, such as the mastication project has documentation that can be used as support documents for upcoming studies. Mr. Metzger said the studies being requested are different than the mastication studies, and new hydrological studies would require someone in the water to examine Mill Creek and Angels Creek. Mr. Fields cautioned about time of year studies take place because of recreational activity downstream. Mr. Stephen Kautz asked if UWPA can reach out to consulting companies to engage with the study before recreation season. Mr. Kautz believes that a proactive approach to the survey will be favorable.
- **Board Direction:** None

## 9. Correspondence, Board / General Manager Reports, Future Agenda Items

## A. Correspondence

- Thank you letters to Congressman McClintock, Senator Padilla, Senator Butler

## B. Board reports

- Director Herndon gave a report about the City's current projects.
  - Utica Park Update – The equipment is ordered and the contractors are expected to begin after the next storm passes. They still plan on breaking ground May 1 and completing the park by Thanksgiving.
  - Graffiti in the City – There has been an uptick in graffiti in the City and the County. Angels Police Department is monitoring, and the City is adding graffiti removal to the clean-up day plan.
  - Mobility Project – The February 20, public meeting held by Caltrans was well attended and the project is moving forward.
  - Economic Development – Calaveras Visitors Bureau has the ability to find economic data of travelers through the area and is sharing the data with the City.
- Director Schirato gave reported about her trip to Washington D.C.
  - Director Schirato enjoyed working with David French as she attended the ACWA conference and met with three different congressional offices, while still working her regular job. She reported that her visit to Congressman McClintock's office was great and they appreciate Utica. She said Congressman McClintock said he loved being on the tour of Utica's system and is glad to support Utica's efforts. Director Schirato said she didn't get to meet with Senator Butler, but met with staffers who had been to Calaveras County. Director Schirato found that many staffers wanted to wait until the comment letters came in before drafting support letters. Director Schirato met with staff at Senator Padilla's office, and left feeling good about how Senator Padilla's staff felt about Utica. Unfortunately, Director Schirato couldn't get a meeting with the United States Forest Service (USFS), but was able to provide the exemption informational packet to USFS Associate Chief Angela Coleman at the ACWA conference. Director Schirato recommends Utica Directors attend ACWA events whenever possible. Director Schirato learned that the state is lacking on cyber security, and she is happy to have the nexus of her regular work and Board duties. Director Schirato will be putting together a cyber security presentation for the next ACWA meeting. Additionally, Mr. Metzger heard back D.C. offices and Mr. French who said Caroline did an excellent job representing Utica.
- Director Quincy gave an update about the business happening at UPUD
  - Utica – The Board approved a resolution of support for Utica's FERC exemption.

- Lower Rates – UPUD Voted to lower ag rates from \$0.17 per 100 cubic feet to \$0.09 per 100 cubic feet.
- JPA Agreement – UPUD decided to independently study the JPA member entity agreement.
- Community Outreach – UPUD’s General Manager led the “Trout in the Classroom” segment with the local elementary, which went very well.
- Rate Studies – The Request for Proposal (RFP) for the Prop 218 is underway.

C. Future agenda items

**10. Upcoming Board Meetings and Calendar Events**

- Tuesday April 30, 2024, Closed Session to begin at 4 p.m. and public session at 5:30 p.m.
- Tuesday May 28, 2024, at 5:30 p.m.

**11. Adjournment**

- The meeting recessed at 6:54 p.m.
- The meeting reconvened and immediately adjourned to closed session regarding item 4B at 6:59 p.m.
- The regular meeting reconvened at 7:41 p.m.
- The regular meeting adjourned at 7:41 p.m.

**Utica Mission Statement**

We are committed to preserving and protecting local control of our water resources through effective fiscal and operational management and assuring a safe and reliable water supply for municipal and agricultural stakeholders, while ensuring the quality and quantity of this precious resource for generations to come.

**Americans With Disabilities Act**

In compliance with Title II of the Americans with Disabilities Act, 28 CFR Part 36, if you need special assistance to participate in this meeting, please contact the Utica office at (209) 736-9419 or email your request to [admin@uticawater.com](mailto:admin@uticawater.com). Notification in advance of the meeting will enable Utica to make reasonable accommodations to ensure accessibility to this meeting. Any materials distributed to the Board that relate to an item on the agenda are available at the Utica office 72 hours prior to the scheduled meeting.

**Questions?**

Contact Utica at [admin@uticawater.com](mailto:admin@uticawater.com) or (209) 736-9419.

*\*Indicates no paperwork is included in the agenda packet.*



# Utica Water and Power Authority

Budget vs. Actuals: FY 2023-2024 - FY24 P&L

July 2023 - June 2024

	ACTUAL	BUDGET	TOTAL		% OF BUDGET	% REMAINING
			OVER BUDGET	REMAINING		
<b>Income</b>						
1200 Operating Income						
1200-01 NCPA Water Sales	80,000.00	80,000.00	0.00	0.00	100.00 %	0.00 %
1200-02 COA Water Agreement	290,000.00	290,000.00	0.00	0.00	100.00 %	0.00 %
1200-03 UPUD Water Agreement	217,500.00	290,000.00	-72,500.00	72,500.00	75.00 %	25.00 %
1200-04 Irrigation Water Contractors	42,219.16	43,775.00	-1,555.84	1,555.84	96.45 %	3.55 %
1200-05 1200-05 Slurry Line / CCWD Wheeling Fees	991.75	992.00	-0.25	0.25	99.97 %	0.03 %
<b>Total 1200 Operating Income</b>	<b>630,710.91</b>	<b>704,767.00</b>	<b>-74,056.09</b>	<b>74,056.09</b>	<b>89.49 %</b>	<b>10.51 %</b>
1210 Power Sales						
1210-01 Angels Powerhouse - Power Sales	434,339.74	570,642.00	-136,302.26	136,302.26	76.11 %	23.89 %
1210-02 Murphys Powerhouse - Power Sales	789,564.10	1,152,768.00	-363,203.90	363,203.90	68.49 %	31.51 %
<b>Total 1210 Power Sales</b>	<b>1,223,903.84</b>	<b>1,723,410.00</b>	<b>-499,506.16</b>	<b>499,506.16</b>	<b>71.02 %</b>	<b>28.98 %</b>
1220 Other Income						
1220-01 Other Income	3,119.04	0.00	3,119.04	-3,119.04		
<b>Total 1220 Other Income</b>	<b>3,119.04</b>	<b>0.00</b>	<b>3,119.04</b>	<b>-3,119.04</b>		
1300 Interest Income						
1300-01 Interest Income	77,708.56	95,000.00	-17,291.44	17,291.44	81.80 %	18.20 %
<b>Total 1300 Interest Income</b>	<b>77,708.56</b>	<b>95,000.00</b>	<b>-17,291.44</b>	<b>17,291.44</b>	<b>81.80 %</b>	<b>18.20 %</b>
1310 Rent Income						
1310-01 Sierra HOPE Lease Agreement	14,950.00	16,791.00	-1,841.00	1,841.00	89.04 %	10.96 %
1310-02 Crown Castle MFB Tower Lease Agreement	21,177.16	25,061.00	-3,883.84	3,883.84	84.50 %	15.50 %
1310-03 Hunter Reservoir Rental House	10,710.00	12,854.00	-2,144.00	2,144.00	83.32 %	16.68 %
1310-04 Cal.Net MFB Tower Lease Agreement	2,500.00	3,189.00	-689.00	689.00	78.39 %	21.61 %
<b>Total 1310 Rent Income</b>	<b>49,337.16</b>	<b>57,895.00</b>	<b>-8,557.84</b>	<b>8,557.84</b>	<b>85.22 %</b>	<b>14.78 %</b>
1340 Other Non-Operating Income						
1340-01 COA Sierra Hydrographics Pass Through	4,000.00	5,200.00	-1,200.00	1,200.00	76.92 %	23.08 %
1340-02 Other Income	0.00	0.00	0.00	0.00		
<b>Total 1340 Other Non-Operating Income</b>	<b>4,000.00</b>	<b>5,200.00</b>	<b>-1,200.00</b>	<b>1,200.00</b>	<b>76.92 %</b>	<b>23.08 %</b>
1350 Reserve Income						
1350-01 FERC Relicensing / Exemption Reserve (transfer in)	190,880.00	190,880.00	0.00	0.00	100.00 %	0.00 %
1350-02 Operating Reserve (transfer in)	243,660.00	243,660.00	0.00	0.00	100.00 %	0.00 %
1350-03 FERC Five Year Plan Reserve	7,980.00	7,980.00	0.00	0.00	100.00 %	0.00 %
1350-05 JPA Member Contribution Reserve	45,988.00	45,988.00	0.00	0.00	100.00 %	0.00 %
<b>Total 1350 Reserve Income</b>	<b>488,508.00</b>	<b>488,508.00</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00 %</b>	<b>0.00 %</b>
1400 Grant Funding						
1400-01 Hunter Reservoir Fuels Reduction Project	334,524.60	340,000.00	-5,475.40	5,475.40	98.39 %	1.61 %
1400-02 Lower Utica Canal Wastegates and Gaging Stations Project	57,541.70	56,377.00	1,164.70	-1,164.70	102.07 %	-2.07 %
<b>Total 1400 Grant Funding</b>	<b>392,066.30</b>	<b>396,377.00</b>	<b>-4,310.70</b>	<b>4,310.70</b>	<b>98.91 %</b>	<b>1.09 %</b>
Carryover		359,659.00	-359,659.00	359,659.00		100.00 %
<b>Total Income</b>	<b>\$2,869,353.81</b>	<b>\$3,830,816.00</b>	<b>\$ - 961,462.19</b>	<b>\$961,462.19</b>	<b>74.90 %</b>	<b>25.10 %</b>
<b>GROSS PROFIT</b>	<b>\$2,869,353.81</b>	<b>\$3,830,816.00</b>	<b>\$ - 961,462.19</b>	<b>\$961,462.19</b>	<b>74.90 %</b>	<b>25.10 %</b>
<b>Expenses</b>						
3000 Wages, Benefits & Burden						
3100 Power						
3101 Power Wages						
3101-01 Operations & Maintenance Superintendent	87,666.40	108,680.00	-21,013.60	21,013.60	80.66 %	19.34 %

	TOTAL					
	ACTUAL	BUDGET	OVER BUDGET	REMAINING	% OF BUDGET	% REMAINING
3101-02 Hydroelectric Operator	61,554.82	69,680.00	-8,125.18	8,125.18	88.34 %	11.66 %
3101-03 Hydroelectric Operations Technician	70,252.02	75,439.20	-5,187.18	5,187.18	93.12 %	6.88 %
3101-04 On-Call	9,260.00	16,400.00	-7,140.00	7,140.00	56.46 %	43.54 %
3101-05 Management Leave		3,789.00	-3,789.00	3,789.00		100.00 %
3101-06 Obsolete - One-Time 457 Contrib		0.00	0.00	0.00		
3101-10 Overtime	9,190.47	10,000.00	-809.53	809.53	91.90 %	8.10 %
3101-11 One-Time Bonus	5,000.00	5,000.00	0.00	0.00	100.00 %	0.00 %
<b>Total 3101 Power Wages</b>	<b>242,923.71</b>	<b>288,988.20</b>	<b>-46,064.49</b>	<b>46,064.49</b>	<b>84.06 %</b>	<b>15.94 %</b>
3102 Power Burden						
3102-01 FICA , Social Security, Medicare, SUI	19,717.01	23,410.00	-3,692.99	3,692.99	84.22 %	15.78 %
3102-03 Workers Comp	8,684.30	14,970.00	-6,285.70	6,285.70	58.01 %	41.99 %
<b>Total 3102 Power Burden</b>	<b>28,401.31</b>	<b>38,380.00</b>	<b>-9,978.69</b>	<b>9,978.69</b>	<b>74.00 %</b>	<b>26.00 %</b>
3103 Power Benefits						
3103-01 Health Insurance - SDRMA	51,942.00	66,500.00	-14,558.00	14,558.00	78.11 %	21.89 %
3103-02 Health Reimbursement Account - EDIS	2,207.07	10,000.00	-7,792.93	7,792.93	22.07 %	77.93 %
3103-03 Dental/Vision/Chiro/Life Insurance - Choice Builder	3,395.49	4,500.00	-1,104.51	1,104.51	75.46 %	24.54 %
3103-04 CalPERS Pension	16,007.58	19,492.00	-3,484.42	3,484.42	82.12 %	17.88 %
3103-06 CalPERS Pension Unfunded Liability	7,461.20	7,461.00	0.20	-0.20	100.00 %	-0.00 %
<b>Total 3103 Power Benefits</b>	<b>81,013.34</b>	<b>107,953.00</b>	<b>-26,939.66</b>	<b>26,939.66</b>	<b>75.05 %</b>	<b>24.95 %</b>
<b>Total 3100 Power</b>	<b>352,338.36</b>	<b>435,321.20</b>	<b>-82,982.84</b>	<b>82,982.84</b>	<b>80.94 %</b>	<b>19.06 %</b>
3200 Water						
3201 Water Wages						
3201-01 Water Conveyance Supervisor	75,836.56	93,704.00	-17,867.44	17,867.44	80.93 %	19.07 %
3201-02 Senior Water Conveyance Operator	64,805.98	75,025.60	-10,219.62	10,219.62	86.38 %	13.62 %
3201-03 General Manager	117,567.32	140,187.00	-22,619.68	22,619.68	83.86 %	16.14 %
3201-04 Administrative Technician	25,530.12	39,080.00	-13,549.88	13,549.88	65.33 %	34.67 %
3201-05 Administrative Specialist	46,379.95	54,433.60	-8,053.65	8,053.65	85.20 %	14.80 %
3201-06 Conveyance and Compliance Specialist	51,036.96	60,091.20	-9,054.24	9,054.24	84.93 %	15.07 %
3201-09 IT Administrator	14,181.71	32,395.00	-18,213.29	18,213.29	43.78 %	56.22 %
3201-10 Overtime	7,327.11	10,000.00	-2,672.89	2,672.89	73.27 %	26.73 %
3201-11 Conveyance Manager Management Leave		3,267.00	-3,267.00	3,267.00		100.00 %
3201-13 One-Time Bonus	5,000.00	5,000.00	0.00	0.00	100.00 %	0.00 %
<b>Total 3201 Water Wages</b>	<b>407,665.71</b>	<b>513,183.40</b>	<b>-105,517.69</b>	<b>105,517.69</b>	<b>79.44 %</b>	<b>20.56 %</b>
3202 Water Burden						
3202-01 FICA, Social Security, Medicare, SUI	36,265.82	42,296.00	-6,030.18	6,030.18	85.74 %	14.26 %
3202-03 Workers Comp - Ops, GM, and Office Staff	14,231.86	21,973.00	-7,741.14	7,741.14	64.77 %	35.23 %
<b>Total 3202 Water Burden</b>	<b>50,497.68</b>	<b>64,269.00</b>	<b>-13,771.32</b>	<b>13,771.32</b>	<b>78.57 %</b>	<b>21.43 %</b>
3203 Water Benefits						
3203-01 Health Insurance - SDRMA	96,516.15	114,183.00	-17,666.85	17,666.85	84.53 %	15.47 %
3203-02 Health Reimbursement Account - EDIS	10,046.71	15,000.00	-4,953.29	4,953.29	66.98 %	33.02 %
3203-03 Dental/Vision/Chiro/Life Insurance - ChoiceBuilder	5,100.17	7,000.00	-1,899.83	1,899.83	72.86 %	27.14 %
3203-04 CalPERS Pension	30,222.08	38,009.63	-7,787.55	7,787.55	79.51 %	20.49 %
3203-06 CalPERS Pension Unfunded Liability	11,191.80	11,191.80	0.00	0.00	100.00 %	0.00 %
<b>Total 3203 Water Benefits</b>	<b>153,076.91</b>	<b>185,384.43</b>	<b>-32,307.52</b>	<b>32,307.52</b>	<b>82.57 %</b>	<b>17.43 %</b>
<b>Total 3200 Water</b>	<b>611,240.30</b>	<b>762,836.83</b>	<b>-151,596.53</b>	<b>151,596.53</b>	<b>80.13 %</b>	<b>19.87 %</b>
<b>Total 3000 Wages, Benefits &amp; Burden</b>	<b>963,578.66</b>	<b>1,198,158.03</b>	<b>-234,579.37</b>	<b>234,579.37</b>	<b>80.42 %</b>	<b>19.58 %</b>
3103-01 Wages, Benefits & Burden	326.70		326.70	-326.70		
3203-01 Wages, Benefits & Burden	1,854.19		1,854.19	-1,854.19		
4100 Maintenance & Repair						
4100-01 Road Maintenance	247,039.13	248,660.00	-1,620.87	1,620.87	99.35 %	0.65 %
4100-05 Property Maintenance	666.13	8,000.00	-7,333.87	7,333.87	8.33 %	91.67 %
4100-06 Fuel for Vehicles and Equipment	15,697.30	25,000.00	-9,302.70	9,302.70	62.79 %	37.21 %
4100-07 Maintenance for Vehicles and Equipment	3,297.61	7,000.00	-3,702.39	3,702.39	47.11 %	52.89 %
4100-08 Temporary Labor	12,918.62	25,000.00	-12,081.38	12,081.38	51.67 %	48.33 %
4100-09 Powerhouses Maintenance and Supplies	11,147.87	12,000.00	-852.13	852.13	92.90 %	7.10 %
4100-10 Gaging Station Maintenance	4,880.08	4,500.00	380.08	-380.08	108.45 %	-8.45 %

	TOTAL					
	ACTUAL	BUDGET	OVER BUDGET	REMAINING	% OF BUDGET	% REMAINING
4100-11 Misc Supplies and Repairs	5,541.73	10,500.00	-4,958.27	4,958.27	52.78 %	47.22 %
4100-12 FERC/DSOD Mandated System Maintenance	11,195.64	10,500.00	695.64	-695.64	106.63 %	-6.63 %
4100-13 Revenue Meter Maintenance	0.00		0.00	0.00		
4100-15 Owners Dam Safety Plan Audit - Mandated Actions	5,046.24	10,000.00	-4,953.76	4,953.76	50.46 %	49.54 %
4100-16 Irrigation Maintenance (Not Meter Replacement)	38.78	2,000.00	-1,961.22	1,961.22	1.94 %	98.06 %
<b>Total 4100 Maintenance &amp; Repair</b>	<b>317,469.13</b>	<b>363,160.00</b>	<b>-45,690.87</b>	<b>45,690.87</b>	<b>87.42 %</b>	<b>12.58 %</b>
4110 Misc. Supplies & Services	-1,515.00		-1,515.00	1,515.00		
4110-01 Office Services, Supplies, Equipment, Misc.	7,053.94	10,500.00	-3,446.06	3,446.06	67.18 %	32.82 %
4110-02 Employee Uniforms, Boots, PPE	7,477.87	8,000.00	-522.13	522.13	93.47 %	6.53 %
4110-04 Headquarters Cleaning	1,225.00	1,800.00	-575.00	575.00	68.06 %	31.94 %
<b>Total 4110 Misc. Supplies &amp; Services</b>	<b>14,241.81</b>	<b>20,300.00</b>	<b>-6,058.19</b>	<b>6,058.19</b>	<b>70.16 %</b>	<b>29.84 %</b>
4120 Leases & Subscriptions						
4120-02 Sierra Pacific Industries Lease	250.00	250.00	0.00	0.00	100.00 %	0.00 %
4120-03 Office Toshiba Copier Lease	2,598.55	3,090.00	-491.45	491.45	84.10 %	15.90 %
4120-04 Software Subscriptions	6,259.45	7,500.00	-1,240.55	1,240.55	83.46 %	16.54 %
4120-06 Wylderidge Tower Lease NCPA	2,800.00	2,800.00	0.00	0.00	100.00 %	0.00 %
<b>Total 4120 Leases &amp; Subscriptions</b>	<b>11,908.00</b>	<b>13,640.00</b>	<b>-1,732.00</b>	<b>1,732.00</b>	<b>87.30 %</b>	<b>12.70 %</b>
4200 Property & Liability Insurance						
4200-01 ACWA/JPIA Auto & General Liability	34,203.03	34,203.00	0.03	-0.03	100.00 %	-0.00 %
4200-02 ACWA/JPIA Property Insurance	53,017.76	53,018.00	-0.24	0.24	100.00 %	0.00 %
<b>Total 4200 Property &amp; Liability Insurance</b>	<b>87,220.79</b>	<b>87,221.00</b>	<b>-0.21</b>	<b>0.21</b>	<b>100.00 %</b>	<b>0.00 %</b>
4300 Memberships						
4300-01 Association California Water Agencies	11,930.00	11,500.00	430.00	-430.00	103.74 %	-3.74 %
4300-02 Tuolumne-Stanislaus Integrated Regional Water Management WAC	200.00	200.00	0.00	0.00	100.00 %	0.00 %
4300-03 Mountain Counties Water Resources Association	1,329.43	1,300.00	29.43	-29.43	102.26 %	-2.26 %
4300-04 Calaveras Historical Society	50.00	50.00	0.00	0.00	100.00 %	0.00 %
4300-05 California Special District Association	1,715.00	1,635.00	80.00	-80.00	104.89 %	-4.89 %
4300-06 Amazon Prime	192.87	180.00	12.87	-12.87	107.15 %	-7.15 %
4300-07 Farm Bureau - Calaveras Chapter	150.00	150.00	0.00	0.00	100.00 %	0.00 %
4300-08 Murphys Community Park Association	75.00	50.00	25.00	-25.00	150.00 %	-50.00 %
<b>Total 4300 Memberships</b>	<b>15,642.30</b>	<b>15,065.00</b>	<b>577.30</b>	<b>-577.30</b>	<b>103.83 %</b>	<b>-3.83 %</b>
4400 Professional/Special. Services						
4400-01 Consulting Services	13,650.28	23,551.00	-9,900.72	9,900.72	57.96 %	42.04 %
4400-03 Chief Dam Safety Engineer	5,981.48	15,000.00	-9,018.52	9,018.52	39.88 %	60.12 %
4400-05 Murphys/Angels Powerhouse Inspection Reports	2,800.00	10,000.00	-7,200.00	7,200.00	28.00 %	72.00 %
4400-07 SCADA and PLC Programming	2,655.00	8,000.00	-5,345.00	5,345.00	33.19 %	66.81 %
4400-08 Certified Public Accountant	1,623.75	1,500.00	123.75	-123.75	108.25 %	-8.25 %
4400-09 Annual Audit	10,000.00	8,500.00	1,500.00	-1,500.00	117.65 %	-17.65 %
4400-10 General Legal Counsel	12,968.00	10,000.00	2,968.00	-2,968.00	129.68 %	-29.68 %
4400-11 FERC Exemption Legal Counsel	23,436.50	30,000.00	-6,563.50	6,563.50	78.12 %	21.88 %
4400-12 FERC Exemption General Services	34,535.83	50,000.00	-15,464.17	15,464.17	69.07 %	30.93 %
4400-16 FERC Exemption Consultants	133,584.18	130,880.00	2,704.18	-2,704.18	102.07 %	-2.07 %
4400-20 Hydrology Analysis Services	17,413.24	30,000.00	-12,586.76	12,586.76	58.04 %	41.96 %
4400-21 Community Education/Outreach	14,186.06	15,000.00	-813.94	813.94	94.57 %	5.43 %
4400-24 Grant Writing/Eng./Finance/Mgmt	13,635.34	15,500.00	-1,864.66	1,864.66	87.97 %	12.03 %
4400-28 Website Maintenance and Support	618.75	1,650.00	-1,031.25	1,031.25	37.50 %	62.50 %
4400-29 GIS Mapping	5,150.00	15,000.00	-9,850.00	9,850.00	34.33 %	65.67 %
4400-31 Recruitment	168.00	1,000.00	-832.00	832.00	16.80 %	83.20 %
4400-33 Human Resources Consulting Support	0.00	1,500.00	-1,500.00	1,500.00	0.00 %	100.00 %
4400-34 Revenue Meter Maintenance - CAISO	5,990.00	6,000.00	-10.00	10.00	99.83 %	0.17 %
4400-35 IT Outside Services		10,000.00	-10,000.00	10,000.00		100.00 %
<b>Total 4400 Professional/Special. Services</b>	<b>298,396.41</b>	<b>383,081.00</b>	<b>-84,684.59</b>	<b>84,684.59</b>	<b>77.89 %</b>	<b>22.11 %</b>
4500 Governmental & Other Fees	76.00		76.00	-76.00		
4500-02 FERC Annual Admin & Land Charge	4,937.57	10,800.00	-5,862.43	5,862.43	45.72 %	54.28 %
4500-03 Dept Water Resources Dam Fees	70,244.00	69,010.00	1,234.00	-1,234.00	101.79 %	-1.79 %
4500-04 WREGIS Annual Fee	75.00	151.00	-76.00	76.00	49.67 %	50.33 %

	TOTAL					
	ACTUAL	BUDGET	OVER BUDGET	REMAINING	% OF BUDGET	% REMAINING
4500-05 Powersoft Billing Software (MPH & APH)	500.00	500.00	0.00	0.00	100.00 %	0.00 %
4500-06 County Taxes (Booster, Hunters)	391.92	265.00	126.92	-126.92	147.89 %	-47.89 %
4500-07 USA North 811 Annual Fee	300.00	300.00	0.00	0.00	100.00 %	0.00 %
4500-08 County Environmental Health Hazardous Waste		250.00	-250.00	250.00		100.00 %
4500-09 CA Dept of Tax & Fee Admin - State Water Rights	2,282.70	2,853.00	-570.30	570.30	80.01 %	19.99 %
4500-11 United States Geological Service Fees	8,880.00	9,000.00	-120.00	120.00	98.67 %	1.33 %
4500-12 Bank Charges	49.77	650.00	-600.23	600.23	7.66 %	92.34 %
<b>Total 4500 Governmental &amp; Other Fees</b>	<b>87,736.96</b>	<b>93,779.00</b>	<b>-6,042.04</b>	<b>6,042.04</b>	<b>93.56 %</b>	<b>6.44 %</b>
4600 Communications						
4600-01 Comcast	6,786.36	9,785.00	-2,998.64	2,998.64	69.35 %	30.65 %
4600-04 Verizon	9,273.58	9,500.00	-226.42	226.42	97.62 %	2.38 %
4600-05 Columbia Communications	675.00	975.00	-300.00	300.00	69.23 %	30.77 %
4600-06 Cal.Net	2,040.63	2,800.00	-759.37	759.37	72.88 %	27.12 %
4600-12 Starlink	1,826.81	1,500.00	326.81	-326.81	121.79 %	-21.79 %
<b>Total 4600 Communications</b>	<b>20,602.38</b>	<b>24,560.00</b>	<b>-3,957.62</b>	<b>3,957.62</b>	<b>83.89 %</b>	<b>16.11 %</b>
4700 Utilities						
4700-01 Calaveras Public Power Agency	9,355.00	13,000.00	-3,645.00	3,645.00	71.96 %	28.04 %
4700-02 PG&E	10,856.78	12,500.00	-1,643.22	1,643.22	86.85 %	13.15 %
4700-04 UPUD Water Service	693.98	1,100.00	-406.02	406.02	63.09 %	36.91 %
4700-05 City of Angels Water Service	3,871.31	4,500.00	-628.69	628.69	86.03 %	13.97 %
4700-06 CCWD Water Service		0.00	0.00	0.00		
4700-07 Cal Waste Garbage & Recycling	2,112.89	2,600.00	-487.11	487.11	81.27 %	18.74 %
4700-08 Mountain Oasis Bottled Water	598.50	1,034.00	-435.50	435.50	57.88 %	42.12 %
4700-09 Ebbetts Pass Gas Propane	1,664.46	2,500.00	-835.54	835.54	66.58 %	33.42 %
4700-10 COA & UPUD Irrigation Contractor 10% Payments	-170.92		-170.92	170.92		
<b>Total 4700 Utilities</b>	<b>28,982.00</b>	<b>37,234.00</b>	<b>-8,252.00</b>	<b>8,252.00</b>	<b>77.84 %</b>	<b>22.16 %</b>
4800 Travel & Training						
4800-01 Travel and Training	17,690.27	23,000.00	-5,309.73	5,309.73	76.91 %	23.09 %
4800-03 Mileage Reimbursement	557.84	1,000.00	-442.16	442.16	55.78 %	44.22 %
<b>Total 4800 Travel &amp; Training</b>	<b>18,248.11</b>	<b>24,000.00</b>	<b>-5,751.89</b>	<b>5,751.89</b>	<b>76.03 %</b>	<b>23.97 %</b>
4900 Information Technology						
4900-02 Computers, Software, Hardware, and Equipment	3,713.58	10,000.00	-6,286.42	6,286.42	37.14 %	62.86 %
<b>Total 4900 Information Technology</b>	<b>3,713.58</b>	<b>10,000.00</b>	<b>-6,286.42</b>	<b>6,286.42</b>	<b>37.14 %</b>	<b>62.86 %</b>
5000 Powerhouses						
5000-05 Murphys Governor Retrofit	185,956.05	230,000.00	-44,043.95	44,043.95	80.85 %	19.15 %
5000-09 MPH Replace 17kV Gen. Recl Brkr	13,967.60	13,954.00	13.60	-13.60	100.10 %	-0.10 %
5000-10 MPH Replace 17kV Line Breaker	14,026.58	14,027.00	-0.42	0.42	100.00 %	0.00 %
<b>Total 5000 Powerhouses</b>	<b>213,950.23</b>	<b>257,981.00</b>	<b>-44,030.77</b>	<b>44,030.77</b>	<b>82.93 %</b>	<b>17.07 %</b>
5100 Conveyance						
5100-01 Flume Repair and Replacement	152,370.89	150,000.00	2,370.89	-2,370.89	101.58 %	-1.58 %
5100-03 Canal Repairs and Improvements	30,286.00	30,286.00	0.00	0.00	100.00 %	0.00 %
5100-06 Murphys Forebay Trash Rake Replacements		135,000.00	-135,000.00	135,000.00		100.00 %
5100-07 Dam and Spillway Improvements	4,818.90	20,000.00	-15,181.10	15,181.10	24.09 %	75.91 %
5100-10 New Gaging Stations at the end of Each of Angels Canals	305.22	10,000.00	-9,694.78	9,694.78	3.05 %	96.95 %
<b>Total 5100 Conveyance</b>	<b>187,781.01</b>	<b>345,286.00</b>	<b>-157,504.99</b>	<b>157,504.99</b>	<b>54.38 %</b>	<b>45.62 %</b>
5200 General Projects						
5200-03 General Facilities	28,536.90	35,000.00	-6,463.10	6,463.10	81.53 %	18.47 %
5200-04 Feasibility Assessments	41,853.71	50,000.00	-8,146.29	8,146.29	83.71 %	16.29 %
<b>Total 5200 General Projects</b>	<b>70,390.61</b>	<b>85,000.00</b>	<b>-14,609.39</b>	<b>14,609.39</b>	<b>82.81 %</b>	<b>17.19 %</b>
6000 Vehicle Replacement						
6000-01 Vehicle Purchase / Replacement	54,979.00	55,000.00	-21.00	21.00	99.96 %	0.04 %
<b>Total 6000 Vehicle Replacement</b>	<b>54,979.00</b>	<b>55,000.00</b>	<b>-21.00</b>	<b>21.00</b>	<b>99.96 %</b>	<b>0.04 %</b>
6100 Equipment & Material Purchases						
6100-02 Heavy Equipment & Attachments		20,000.00	-20,000.00	20,000.00		100.00 %
6100-04 Tools and Equipment	7,493.68	10,000.00	-2,506.32	2,506.32	74.94 %	25.06 %
<b>Total 6100 Equipment &amp; Material Purchases</b>	<b>7,493.68</b>	<b>30,000.00</b>	<b>-22,506.32</b>	<b>22,506.32</b>	<b>24.98 %</b>	<b>75.02 %</b>

	ACTUAL	BUDGET	TOTAL		% OF BUDGET	% REMAINING
			OVER BUDGET	REMAINING		
7000 FERC Relicensing/Exemption Reserve						
7000-01 FERC Relicensing/Exemption	291,666.70	350,000.00	-58,333.30	58,333.30	83.33 %	16.67 %
<b>Total 7000 FERC Relicensing/Exemption Reserve</b>	<b>291,666.70</b>	<b>350,000.00</b>	<b>-58,333.30</b>	<b>58,333.30</b>	<b>83.33 %</b>	<b>16.67 %</b>
7200 Operating Reserve Fund						
7200-01 Operating Reserve	25,000.00	30,000.00	-5,000.00	5,000.00	83.33 %	16.67 %
<b>Total 7200 Operating Reserve Fund</b>	<b>25,000.00</b>	<b>30,000.00</b>	<b>-5,000.00</b>	<b>5,000.00</b>	<b>83.33 %</b>	<b>16.67 %</b>
7400 FERC 5 Year Plan Reserve Fund	51,500.00		51,500.00	-51,500.00		
7400-01 Five Year/Emergency Action Plan Re-Write		1,200.00	-1,200.00	1,200.00		100.00 %
7400-02 Five Year/Tabletop Functional		1,800.00	-1,800.00	1,800.00		100.00 %
7400-03 Part 12 Inspection and Potential Failure Mode Analysis		30,000.00	-30,000.00	30,000.00		100.00 %
7400-04 Supporting Technical Information Documents		16,300.00	-16,300.00	16,300.00		100.00 %
7400-05 Security Plan Rewrite		900.00	-900.00	900.00		100.00 %
7400-06 Environmental & Public Use Inspections		4,800.00	-4,800.00	4,800.00		100.00 %
7400-07 Dam Safety/Surveillance Monitoring Plans		1,800.00	-1,800.00	1,800.00		100.00 %
7400-08 Owners Dam Safety Plan/Ext Audt		5,000.00	-5,000.00	5,000.00		100.00 %
<b>Total 7400 FERC 5 Year Plan Reserve Fund</b>	<b>51,500.00</b>	<b>61,800.00</b>	<b>-10,300.00</b>	<b>10,300.00</b>	<b>83.33 %</b>	<b>16.67 %</b>
7500 FERC 10 Year Plan Reserve Fund	10,000.00		10,000.00	-10,000.00		
7500-01 Murphys Afterbay Low Level Outlet ROV Inspec		3,000.00	-3,000.00	3,000.00		100.00 %
7500-02 Murphys Afterbay Radial Gate Inspection		3,000.00	-3,000.00	3,000.00		100.00 %
7500-03 Murphys Powerhouse Penstock ROV Inspection		6,000.00	-6,000.00	6,000.00		100.00 %
<b>Total 7500 FERC 10 Year Plan Reserve Fund</b>	<b>10,000.00</b>	<b>12,000.00</b>	<b>-2,000.00</b>	<b>2,000.00</b>	<b>83.33 %</b>	<b>16.67 %</b>
8000 Grants Expenditures						
8000-03 Hunter Reservoir Fuel Reduction Project	4,756.50	300,000.00	-295,243.50	295,243.50	1.59 %	98.41 %
8000-08 Lower Utica Canal Wastegates and Gaging Stations Project	109,872.70	110,209.00	-336.30	336.30	99.69 %	0.31 %
<b>Total 8000 Grants Expenditures</b>	<b>114,629.20</b>	<b>410,209.00</b>	<b>-295,579.80</b>	<b>295,579.80</b>	<b>27.94 %</b>	<b>72.06 %</b>
Unapplied Cash Bill Payment Expenditure	-75.00		-75.00	75.00		
Uncategorized Expense	0.10		0.10	-0.10		
<b>Total Expenses</b>	<b>\$2,897,236.55</b>	<b>\$3,907,474.03</b>	<b>\$ - 1,010,237.48</b>	<b>\$1,010,237.48</b>	<b>74.15 %</b>	<b>25.85 %</b>
NET OPERATING INCOME	<b>\$ -27,882.74</b>	<b>\$ -76,658.03</b>	<b>\$48,775.29</b>	<b>\$ -48,775.29</b>	<b>36.37 %</b>	<b>63.63 %</b>
NET INCOME	<b>\$ -27,882.74</b>	<b>\$ -76,658.03</b>	<b>\$48,775.29</b>	<b>\$ -48,775.29</b>	<b>36.37 %</b>	<b>63.63 %</b>

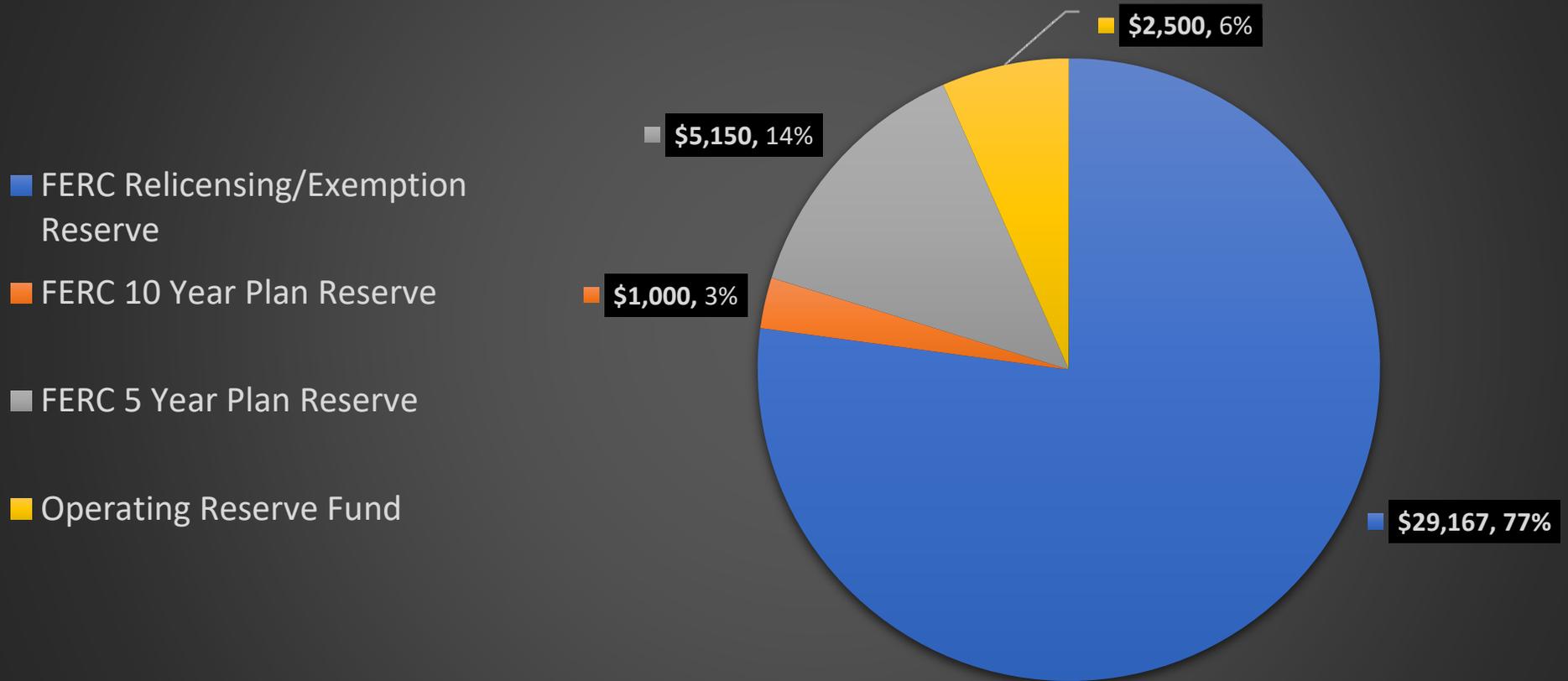
# Utica Water and Power Authority

## Expenses by Vendor Summary

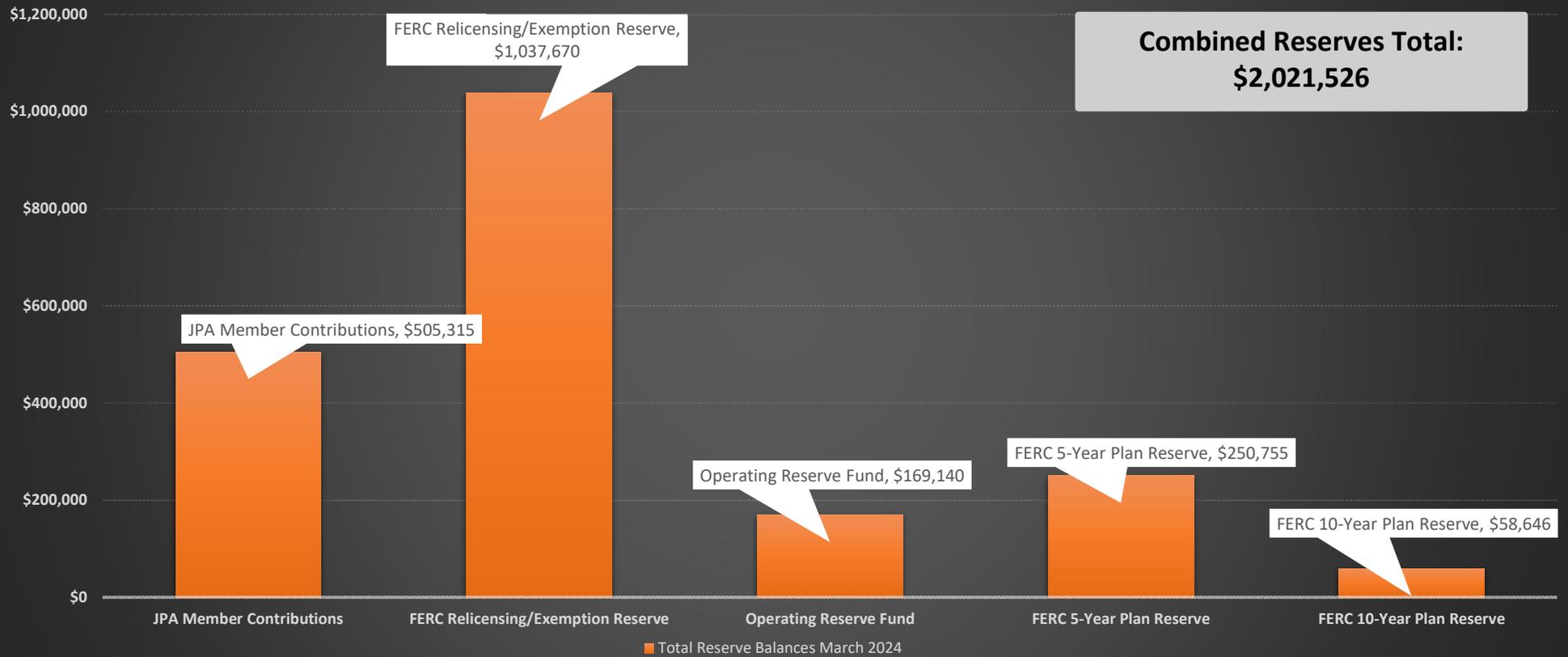
March 2024

	TOTAL
Amazon Business	320.81
Angels Post Office	10.00
Arnold Auto Supply (NAPA)	21.45
BanCorp Services	77.64
Cal-Waste	212.20
Cal.Net	221.71
Calaveras County Fair	200.00
Calaveras Lumber Co, Inc.	591.58
Calaveras Power Agency	718.00
Caroline Schirato	1,087.04
CDK Supply	946.35
City of Angels	429.77
Columbia Communications, Inc.	75.00
Comcast Business	183.84
Crawford Bookkeeping	411.80
E.D.I.S	241.00
Ebbetts Pass Gas Service	557.98
Ebbetts Pass Lumber Co. Inc.	20.54
ENS Resources	4,090.06
Freedom Energy Corp	656.25
Gold Electric, Inc.	962.30
Hanson Bridgett LLP	637.50
Kaylee Dillashaw	225.00
Luz Ortigoza	130.00
Moo	48.92
O'Reilly Automotive, Inc.	46.29
Pickled Porch	36.48
Power Business Technology	83.04
Rolleri Landscape Products	137.92
Savemart	165.27
SDRMA	16,150.40
Sebastian M. Martz	288.75
Sierra Hills Market	135.85
Starlink	240.00
State Compensation Insurance Fund	2,261.83
Thunderbolt Wood Treating	1,484.27
Toshiba Financial Services	241.90
Trimark Associates, Inc	5,990.00
UPUD.	81.26
Verizon Wireless	881.31
Zirconia	538.99
Overtime, On-call, and Reserves	37,776.67
<b>TOTAL</b>	<b>\$79,616.97</b>

# March 2024 Reserve Contributions



## Utica Reserves Totals: February 2024



UWPA OPERATIONS/MAINTENANCE REPORT

**March**

**2024**

Water Year 1 as of May 1, 2023

**RAINFALL**

		APH	MPH
Rainfall	March	<b>5.95</b>	<b>7.75</b>
WYTD rainfall	10/1/23- 9/30/24	<b>25.35</b>	<b>21.65</b>
	PYTD this time last year	<b>54.55</b>	<b>59.80</b>

**GENERATION**

<b>ANGELS (sold to PG&amp;E)</b>			
FROGTN_1_UTICAA			
PG&E has concurred		<b>738</b>	
<b>MURPHYS (sold to PG&amp;E)</b>			
FROGTN_1_UTICAM			
PG&E has concurred		<b>1,052</b>	(3)
<b>TOTAL GENERATION:</b>		<b>1,790</b>	MW hr

**REVENUES**

March 2024 projected scheduled generation:

<b>\$48,297</b>	APH (.832) @ \$78 (1)
<b>\$101,933</b>	MPH (1.92) @ \$73.50
<b>\$150,230</b>	Projected Total

March 2024 actual recieved generation:

<b>\$57,705</b>	APH (0.9) @ \$78.19
<b>\$77,337</b>	MPH (1.3) @ \$73.50 (2)
<b>\$135,041</b>	Actual Total

- (1) March's budget was based on WY 1. Note that even though the APH ReMAT PPA is at \$89/MWh the TOD for APH varies during the year
- (2) Represents MPH gross revenue. Penalties are applied when generation does not meet CAISO's RAIM policy
- (3) The revenue meter malfunctioned 8 days of generation data needs to be recovered and billed for MPH for the month of March 2024

Power Revenue:	<b>\$135,041</b>
RAAIM Charges	<b>-\$504</b>
Negative LMP Charge	<b>\$0</b>
Water Revenue:	<b>\$5,082</b>
Water and Power:	<b>\$139,619</b>

**OUTAGES**

P=planned

IF = internal forced outage

EF = external forced outage

Date	Time Off	Duration	Cause	Plant
3/1/2024	17:49	47 mins	EF - Storm related	MPH
3/22/2024	20:25	1 hr, 30 mins	EF - Storm related, LR issue	MPH
3/30/2024	11:45	1 hr, 11 mins	EF - Storm related	MPH
3/31/2024	02:08	59 mins	EF - PGE Switching	APH

**WATER**

Mar '24 - Att A 2,639 + 97 carryover from Feb '24  
 S-66 + S-127  
 LESS water sale to NCPA @ \$100 per AF  
 Carry over to May 2024

2,736	AF
2,603	AF
0	AF
133	(3)

# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024  
**To:** Joel Metzger, General Manager  
**From:** Frank Fields, O&M Superintendent  
**Re:** Operations Report: Mar 2024 – Apr 2024

---

## **Hunter Dam**

- Generac repair that was scheduled for Early April was cancelled due to snow. Next scheduled repair day is scheduled for April 25 in order to have same technician and no weather concerns.
- Hunter Dam spill boards were installed on April 12 in preparation for summertime and irrigation.

## **Murphys Powerhouse**

- Murphys Powerhouse governor retrofit was completed and became operational at the end of the Spring Maintenance Outage, on April 12 at 10 p.m. This was quite an undertaking and a special thanks goes to the operations team for the efforts accomplished ahead of receiving any onsite technical support from contractors. The in-house efforts minimized problematic issues that could impact protection and auxiliary relays necessary for start, run, control and shutdown sequences.
- We have identified some issues since commissioning was completed and opportunity to evaluate over some time has been allowed. The issues will need to be corrected. These issues are a relation of maintaining frequency and correct droop compensation while holding a steady load.
- A web meeting was conducted on April 23 with Emerson to investigate options for corrective action. The first suggestion was put into action the same day and we are monitoring the effects.
- The additional five accumulators to increase hydraulic capacity and reduce cycle times at the downstairs hydraulic pressure unit were not scheduled to be installed within this limited duration outage. We had identified that our existing control pressures would mimic existing conditions and be suitable until the additional build out could be performed at a later date. The accumulators were purchased and included as a portion of the governor project upgrade, and we expect to install them in November 2024.

## **Murphys Afterbay**

- The afterbay 25 KW 3 phase standby generator engine replacement was performed by Gold Electric and completed on April 4 under a warranty repair. The unit is back online and operational.

## **Ross Reservoir**

- In-house fabrication to generate onsite SCADA power worked short term. Belt mechanical loading to maintain adequate rpm for required voltage output caused a failure of wind style generator. We are planning to install a 90vdc treadmill motor (significantly more robust) while awaiting the Cal Poly Engineers micro hydro unit that will replace the Helios Powerball completely.
- Operators are relying on daily visits for elevation and outflow monitoring.

## **Angels Powerhouse and Forebay**

- The day before spring outage ended, the Angels Hydraulic pump motor failed and shorted out. This occurred on the 11 of April during oil warming process. The 213 frame 3 phase 1160 rpm motor operates a chain driven pump. This builds pressure in the air over accumulator to operate the deflectors on start up and shutdowns. This is a critical component to ensure water is deflected from the runner to control runaway speeds on a trip. We worked with Industrial Electric to perform an emergency rewind in order to have the unit back in operation the night of the 12<sup>th</sup>. The rewound motor was received in the afternoon and operator Mike Eimheiser installed the motor and got Angels Powerhouse running around 1915 hours which was only 2 hours and 15 minutes later than the originally scheduled end of Angels outage.

## **Operationally**

- Wylderidge communication site is scheduled to receive utility power on May 1, 2024. This is needed in order to move forward with the construction inside the Conex box to facilitate battery backup and communication power to line-of-sight radios.
- EDAS sent a notification of non-compliance on March the 28 as they were unable to connect to the Murphys Powerhouse revenue meter for data downloading. April 1 Frank and Shawn identified a blown control fuse that powers the Murphys revenue meter. This was preventing the Meter from collecting and storing any Data since the 22 of March. Frank and Stacie have been working to provide the generation SCADA Trend details to CAISO to allow recovery and credit for actual power production. The blown fuse was the result of lightning strikes which had also taken the Murphys Powerhouse offline that evening.

- Temporary water temperature logging devices have been placed in various locations within the Utica system to capture data for foothill yellow-legged frog study in support of FERR Exemption efforts.
- The Department of Water Resources, Division of Safety of Dams annual dam inspection occurred on April 24.
- Public tour took place on April 25.

# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024  
**To:** Joel Metzger, General Manager  
**From:** Kyle Rasmussen, Conveyance Supervisor  
**Re:** Conveyance Report – April 2024

---

## **Flume and Canal Work: Spring Maintenance Outage – April 1-12**

- The conveyance crew worked on Utica flumes 11 and 19. The outlet transition box of flume 11 was leaking pretty bad and was very rotten. We completely rebuilt the outlet box. Flume 19 had issues with the inlet and outlet transitions leaking due to dry rot. This flume is very short, only three boxes long, so we rebuilt the entire flume. A spring snow storm hit when the guys were finishing up this project. They were able to complete it before the snow got too deep. The materials used to rebuild these sections of flume came from extra lumber supply that we keep at Hunters for emergencies. We generally restock that supply annually to keep the lumber fresh.
- Waste Gate 24 automated gate project:  
The slip gate from Rubicon was delivered and we had Sutton Enterprise come back to install that gate. This project was started during the November 2023 outage, so all the concrete work was already complete. They just had to install the frame and gate. This project is part of the Water Smart grant that we received.
- Cal Fire crews helped out with the flume work and we utilized them to clear all the downed trees and limbs after the snow storm. The Angels Canal was heavily impacted from the low snow levels we got.
- Hazard tree removal:  
We had several trees that died again along the Utica Canal from the bark beetle. We fell about 15 ponderosa trees along the canal just downstream from the Candy Rock Rd. crossing. We utilized

the Cal Fire crews to help clean up the trees as best as we can. Limbs were cut and scattered and trucks were bedded on the ground. There are still many more dead ponderosa trees that need felled along the canal.

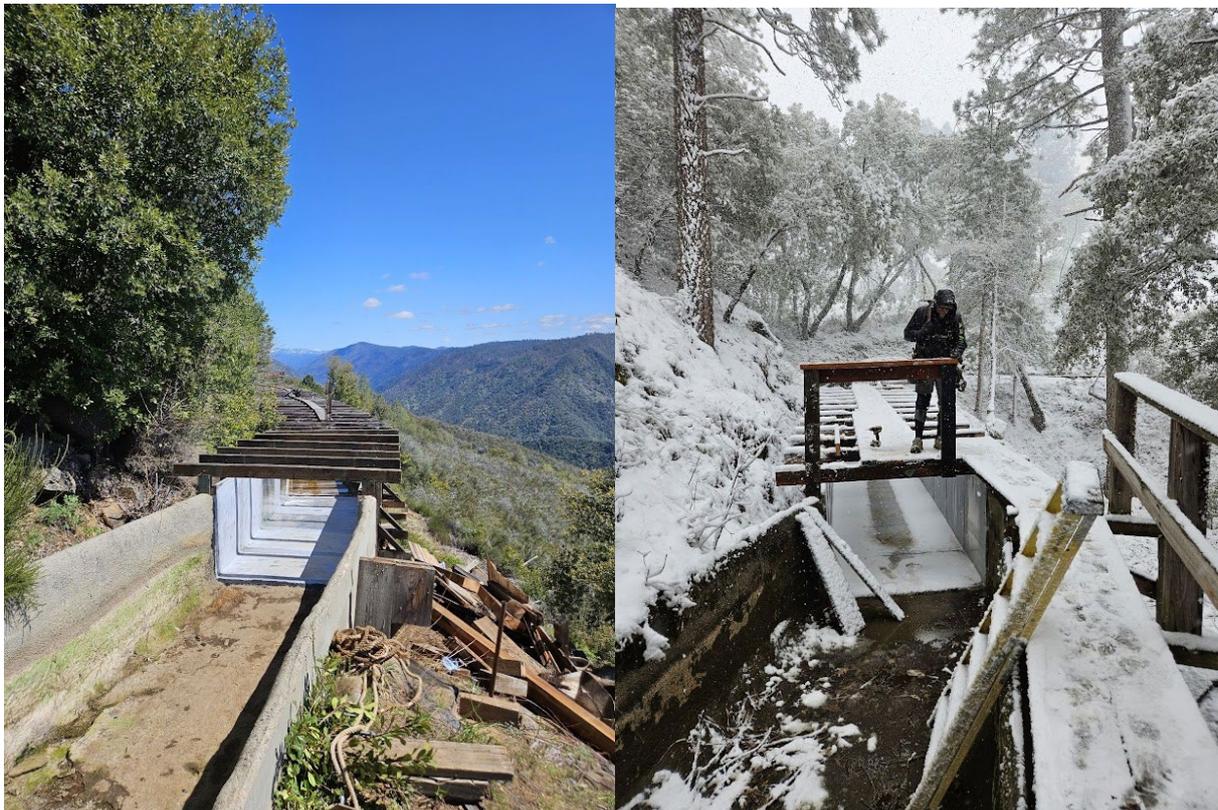
### **Upper Angels Canal gaging station:**

- We installed an intake pipe at the end of the Upper Angels canal. The intake pipe has to be installed while the water is off. There will be a stilling well on the side of the canal to gage the flow of water in the canal. This gives us another data point and allows us to respond to a potential problem quicker. We've had problems with trees falling on this section and blocking the canal.

### **Angels Forebay cleaning:**

- Annual cleaning of the forebay was done at the end of the outage. Sediment builds throughout the year, more so when we get lots of storms. If we try to go more than one year, we begin to have aquatic growth in the forebay which can cause a problem with plugging the grizzly the Angels Powerhouse.

### **Utica Flumes 11 and 19**



**Waste Gate 24 project**



**Tree removal from snow storm**



## Upper Angels Canal gaging station



## Angels Forebay annual cleaning



# U.S. Drought Monitor California

**April 23, 2024**  
(Released Thursday, Apr. 25, 2024)  
Valid 8 a.m. EDT



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	97.32	2.68	0.00	0.00	0.00	0.00
<b>Last Week</b> <i>04-16-2024</i>	97.32	2.68	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> <i>01-23-2024</i>	96.55	3.45	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>01-02-2024</i>	96.65	3.35	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> <i>09-26-2023</i>	94.01	5.99	0.07	0.00	0.00	0.00
<b>One Year Ago</b> <i>04-25-2023</i>	68.04	31.96	7.98	0.00	0.00	0.00

*Intensity:*

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

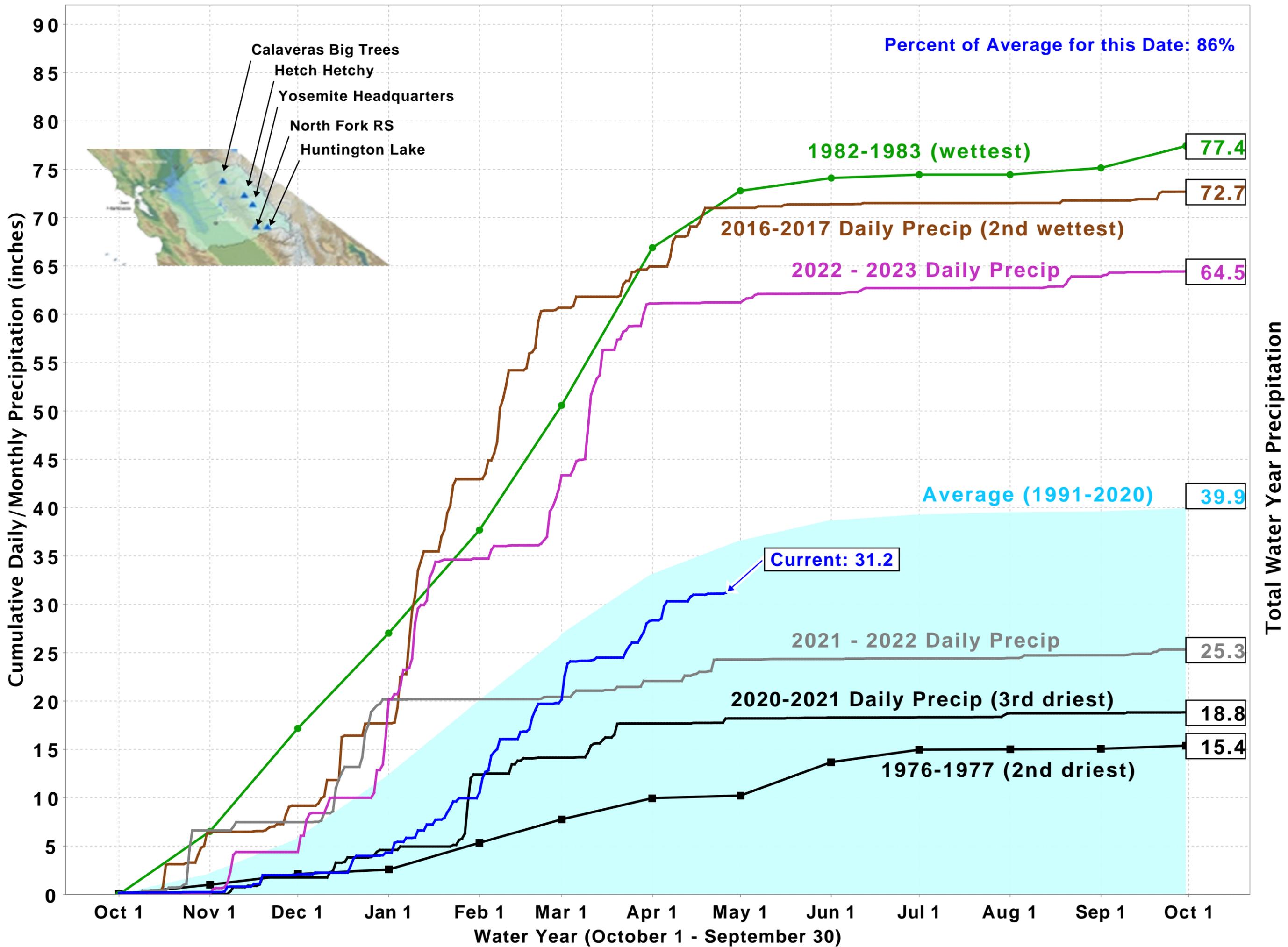
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

*Author:*

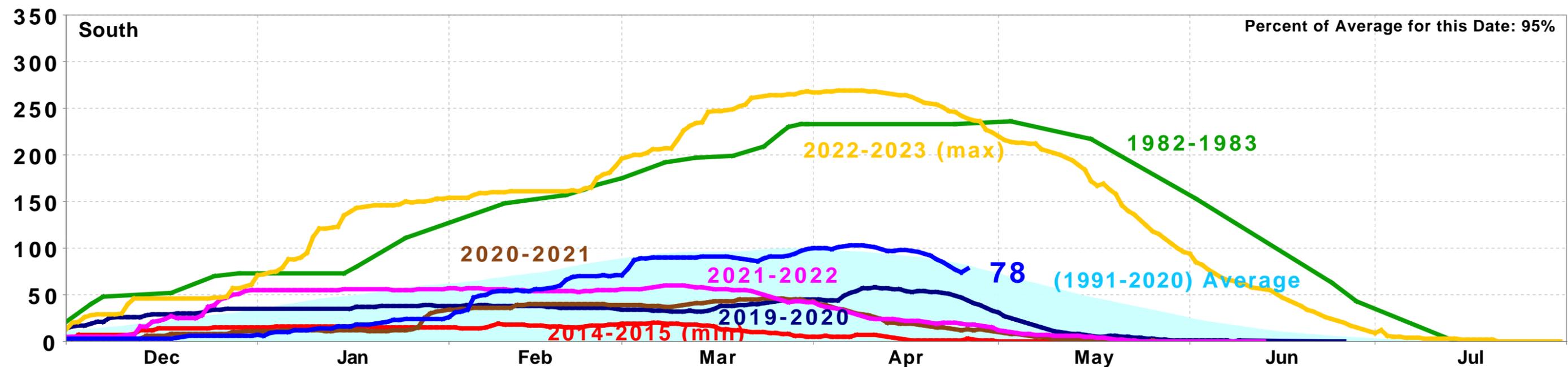
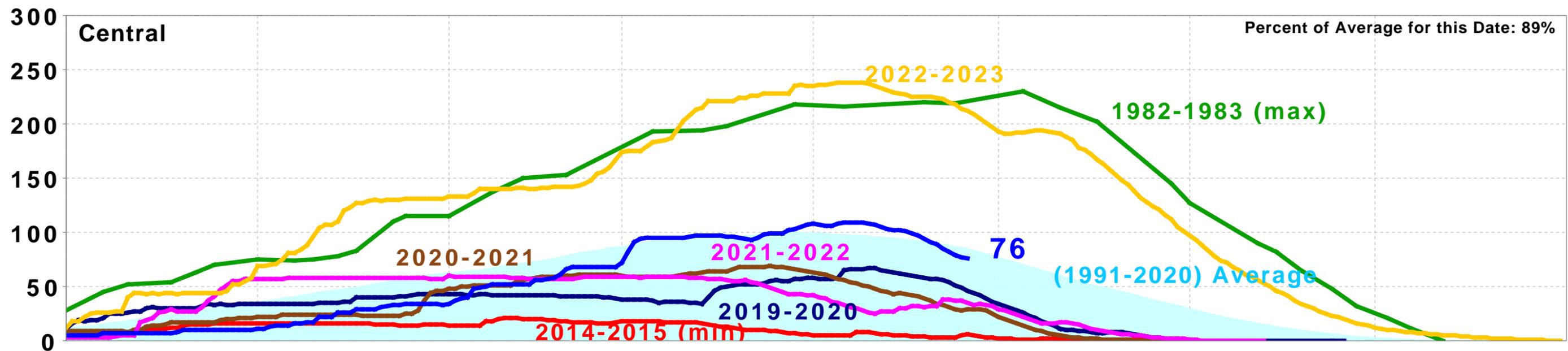
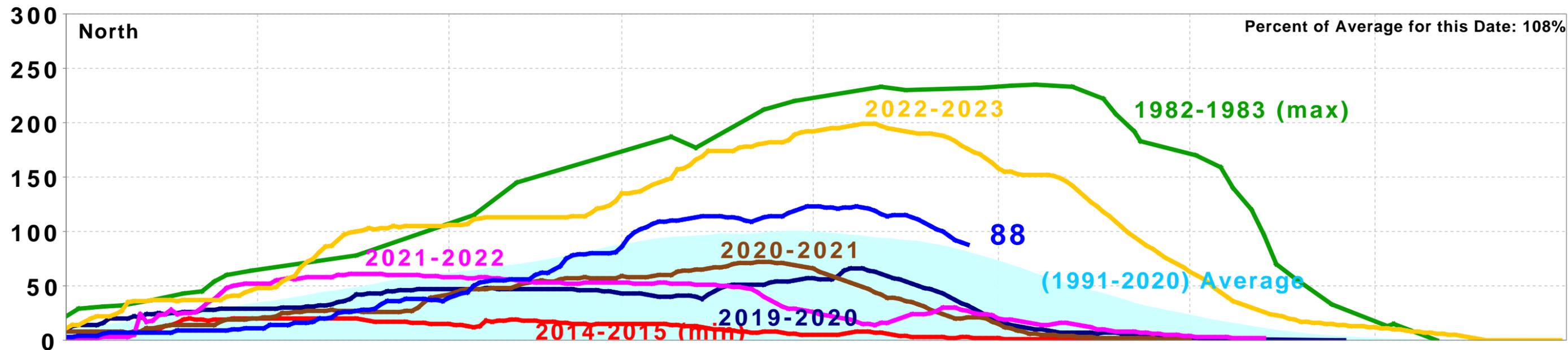
David Simeral  
Western Regional Climate Center



# San Joaquin Precipitation: 5-Station Index, April 26, 2024



# California Snow Water Content, April 26, 2024, Percent of April 1 Average



Statewide Percent of April 1: 80%

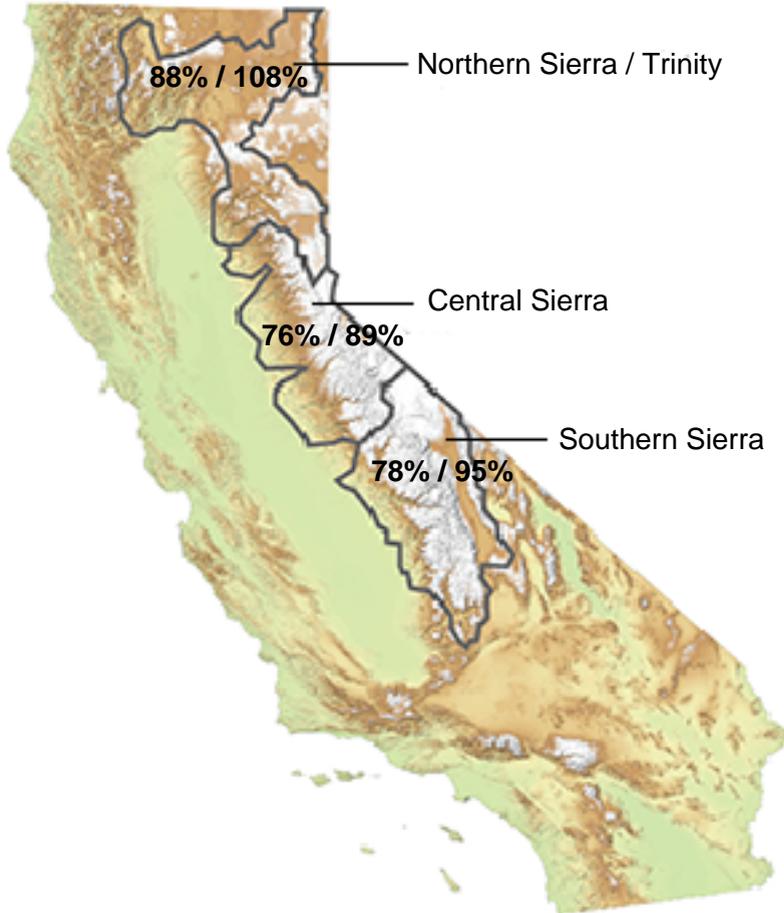
Statewide Percent of Average for Date: 96%



# STATEWIDE SNOW WATER CONTENT

## CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of April 26, 2024	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	25.1
Percent of April 1 Average (%)	88
Percent of normal for this date (%)	108

CENTRAL	
Data as of April 26, 2024	
Number of Stations Reporting	48
Average snow water equivalent (Inches)	20.3
Percent of April 1 Average (%)	76
Percent of normal for this date (%)	89

SOUTH	
Data as of April 26, 2024	
Number of Stations Reporting	24
Average snow water equivalent (Inches)	16.9
Percent of April 1 Average (%)	78
Percent of normal for this date (%)	95

STATE	
Data as of April 26, 2024	
Number of Stations Reporting	98
Average snow water equivalent (Inches)	20.8
Percent of April 1 Average (%)	80
Percent of normal for this date (%)	96

**Statewide Average: 80% / 96%**

Data as of April 26, 2024

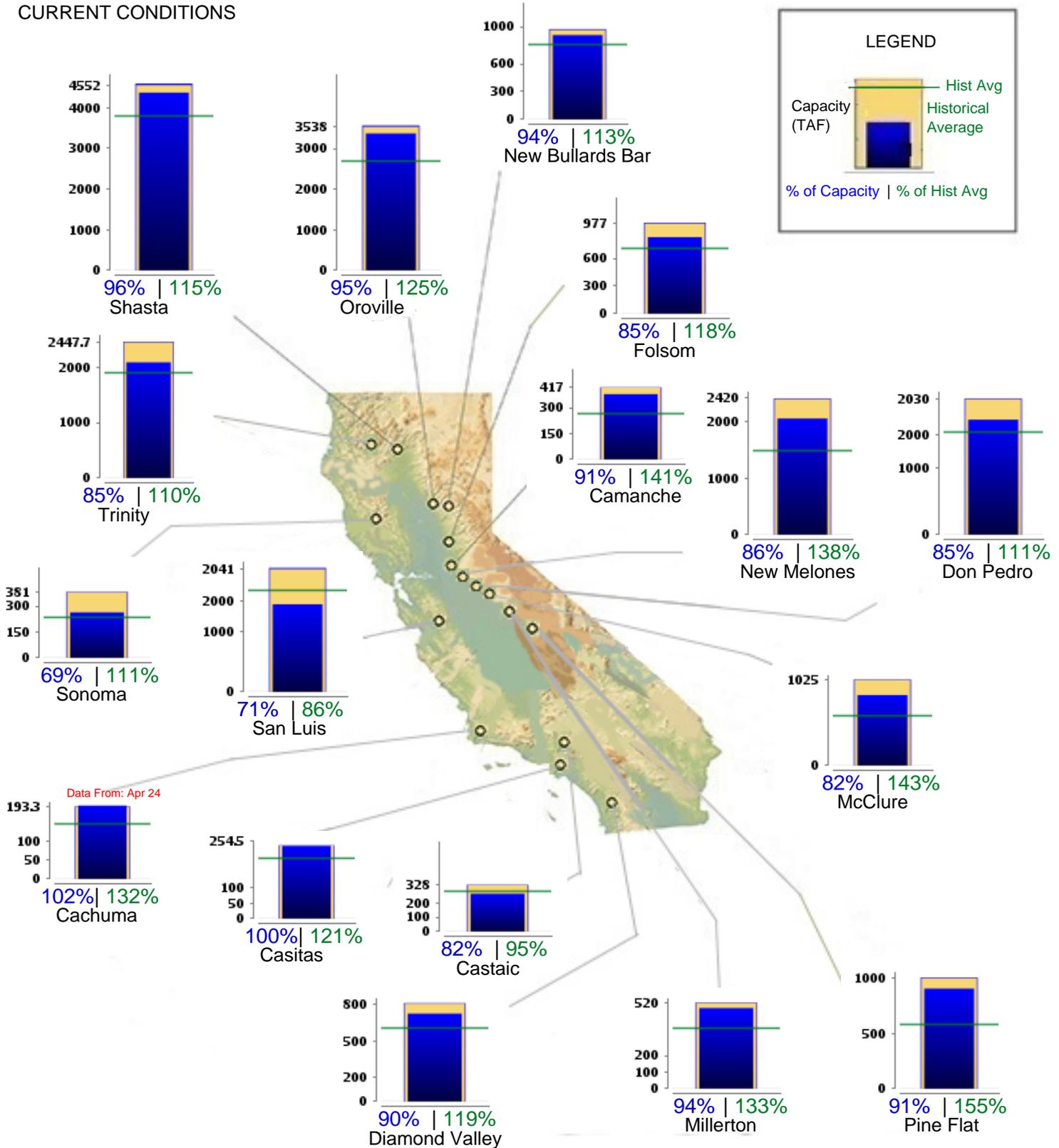
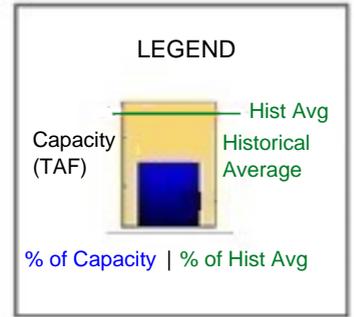


# CURRENT RESERVOIR CONDITIONS

## CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - April 25, 2024

### CURRENT CONDITIONS



# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024

**To:** Utica Board of Directors

**From:** Joel Metzger, General Manager

**Re:** Discussion / action regarding FERC Exemption Studies

---

**RECOMMENDED ACTION:**

Discussion / action regarding the Federal Energy Regulatory Commission (FERC) Conduit Exemption Applications and requested studies by interested parties.

**SUMMARY:**

By the end of March 2024, staff had received 28 comment letters on Utica’s draft FERC Conduit Exemption applications. The comment letters request Utica to engage in a number of environmental studies. Some of the studies requested are time-sensitive, such as the Foothill Yellow-Legged Frog (FYLF) study. If the FYLF study isn’t performed in the next couple of months, the window will be missed until spring 2025.

In total, 10 studies were requested in the comment letters. Stantec has provided an overview of those studies, projected costs,

recommendations on which studies to complete, and timelines for completing the selected studies.

To read the comment letters submitted to Utica, follow [this link](https://drive.google.com/drive/folders/1Cj726H2pv_B8ZZbdDX8sPxT4ZzUYbs2E):  
[https://drive.google.com/drive/folders/1Cj726H2pv\\_B8ZZbdDX8sPxT4ZzUYbs2E](https://drive.google.com/drive/folders/1Cj726H2pv_B8ZZbdDX8sPxT4ZzUYbs2E)

## Summary of Key Studies Being Requested

#	Study	Description
1	Foothill Yellow Legged Frog (FYLF)	Listed species; CDFW requested data to determine the presence of FYLF: multiple life stages; 3 to 4 sampling events in 2024.
2	Red Legged Frog (RLF)	Listed species; CDFW noted RLF may be present and requested data collection. Could coordinate with FYLF surveys.
3	Western Pond Turtle (WPT)	Proposed for listing; CDFW noted WPT may be present & requested data. Coordinate with FYLF/RLF surveys. Previously noted in 2006.
4	Fish Studies (trout, catfish, etc.)	CDFW requested data on fish populations in project area. Limit surveys to electro-fishing and observations; where possible.
5	Water Quality	SWRCB requiring initial study (401 WQ cert & CEQA); wet season/dry season sampling; may require long-term monitoring.
6	Benthic Macro-invertebrate (BMI)	CDFW requested data to assess health of fish populations; SWAMP protocol generally required by SWB for 401 WQ Cert.
7	Aquatic Invasive Species (AIS)	CDFW requested data to assess mollusc species. Address thru WQ studies and eDNA surveys (amphibians/reptiles) or observations.
8	Wildlife Entrapment (Canals/Flumes)	CDFW requested data on wildlife entrapment in canals/flumes. Limit to visual inspections; document as part of O&M activities.
9	Instream Flow Study	CDFW implied this could be a required study, based on results of fish surveys. Use previous PG&E studies; avoid if possible.
10	SHPO Section 106 Studies & Reporting	This effort will include studies that lead to an updated Historic Properties Management Plan. Required action.

## **CONSIDERATIONS:**

While there are a number of studies requested by interested parties that commented on the FERC Conduit Exemption applications, the most time sensitive of these requests is the FYLF study. Stantec, has provided a proposal to conduct the FYLF study and is prepared to move forward with the study quickly so as not to miss the window for spring 2024.

After engaging in conversations with the California Department of Fish and Wildlife and Stantec, staff has concluded the FYLF study needs to be completed to move the Exemption application process forward.

Staff believes the other requested studies need further review and, if the Board decides to move forward with them, should be phased.

## **UTICA FERC COMMITTEE MEETING**

On Thursday April 25, 2024, the Utica FERC Committee held a meeting to review the requests made by interested parties in the comment letters. Stantec presented the list of studies, estimated costs, possible timelines, and made recommendations on which studies to say “yes” to and “no” to.

The Committee recommended the Board consider moving forward with the FYLF study, due to the time-sensitive nature, and suggested more detailed review of the remaining studies. The Committee plans to meet in mid-May 2024 to discuss a refined strategic plan from Stantec, updated costs, and timelines.

## **FINANCIAL IMPLICATIONS:**

The proposal from Stantec to perform the FYLF study is a range of \$75,000 to \$175,000. Staff proposes the Board approve a budget not to exceed \$75,000 for this study at this time.

Staff proposes the Board uses funds from the FERC Relicensing / Exemption Reserve for the cost of the FYLF study, which will result in a balanced budget for FY 2023-2024.

## **ATTACHMENTS:**

1. *Stantec's presentation slides on studies, costs, and timelines*



**Stantec Consulting Services Inc.**  
1687 114th Avenue SE, Suite 100  
Bellevue WA 98004-6965

February 13, 2024

**Mr. Joel Metzger**  
General Manager  
Utica Water and Power Authority  
Via email at: joelm@uticawater.com

Dear Mr. Joel Metzger,

**Reference: Task Order 2 – Subtask 2&3 - Ongoing Regulatory Support to Utica Water and Power Authority's (UWPA) for FERC Conduit Exemption (P-2699 and P-2019)**

Stantec Consulting Services, Inc. (Stantec) is pleased to provide this proposal to the Utica Water and Power Authority (UWPA) for continued regulatory consulting services for your Angels Hydroelectric Project (P-2699) and Utica Hydroelectric Project (P-2019). The scope of services described below includes technical assistance to UWPA as you continue to pursue converting your two existing Federal Energy Regulatory Commission (FERC) licenses to conduit exemptions.

## **1 Task Order 2 - Proposed Scope of Services**

Stantec began supporting UWPA in September of 2022 under Task Order 1, and in December 2023 UWPA distributed to stakeholders and submitted to FERC the draft Conduit Exemption applications. UWPA desires to reduce the project features within the FERC project boundary and Federal authority for both hydroelectric projects. UWPA is proposing to convert the existing Angels Hydroelectric Project to the Angels Powerhouse Project and the Utica Hydroelectric Project to the Murphys Powerhouse Project.

Task Order 2 Subtask 1 was already approved by UWPA and completed, so the scope of work outlined below represents Task Order 2 Subtask 2 and 3 covering proposed activities from February 2024 through June 2024, including:

- Subtask 2A – Project Management, Regulatory and Meeting Support
- Subtask 2B – Stakeholder Comments, Technical Memo, and Permit Assistance
- Subtask 3 – Additional Ongoing Regulatory Support

### Subtask 2A – Project Management, Regulatory and Meeting Support

UWPA held a public meeting January 25, 2024 on the draft Conduit Exemption Applications. Agency and stakeholder comments are due on the applications 60 days after the public meeting, or by March 26<sup>th</sup>, 2024. UWPA has requested Stantec provide the following scope of work in association with these activities:

- Prepare for and attend (virtually) UWPA's March 26, 2024 Board of Directors meeting to assist with an update on the state of the Conduit Exemption process and results of the January 25, 2024 meetings. This presentation is assumed to be virtual, with two Stantec people participating in the Board Meeting, estimated to be 1 hour in length with a total of 2 hours of preparation time. (Assumes 4 total hours)

**Reference: Proposal Support to UWPA for Ongoing Regulatory Support**

- Participate in UWPA's April 23, 2024 Board meeting to present on stakeholder comments on the draft Conduit Exemption applications and recommended next steps in the process, including potential study recommendations. Stantec has budgeted two people to attend the Board meeting virtually. In addition, Stantec will provide up to 16 hours of strategy and preparation support in advance of April 23, 2024 Board meeting. (Assumes 18 total hours)
- Provide strategic and regulatory support services through March 26, 2024. It is estimated requested support will 5 hours per week, for an estimated 6 weeks (Assumes February 14, 2024 to March 26, 2024; up to 30 total hours)
- Associated with the scope of work for Subtask 2, Stantec will provide Project Management (project administration, project controls, invoicing) support to UWPA from execution of this proposal through April 26, 2024, which is estimated at approximately two to three hours per week (Assumes 20 total hours through April 26, 2024).

**Subtask 2B - Stakeholder Comments, Technical Memo, and Permit Assistance**

Agency and stakeholder comments on the draft Conduit Exemption applications are due on or before March 20, 2024. UWPA has requested Stantec provide the following scope of work in association with the application comments:

- Review agency and stakeholder comments on the draft Conduit Exemption applications for the Angels Powerhouse Project and Murphys Powerhouse Project and develop a comment/response table. It is estimated that comments will be received and reviewed by up to 8 agencies/stakeholders, with approximately 50 total comments requiring responses. For budgeting purposes for this scope item, Stantec has assumed UWPA will be responsible for developing the Comment/Response table and developing draft responses for approximately 40 comments, and Stantec will be responsible for developing draft responses for approximately 10 comments. (Assumes 36 total hours)
- Prepare a Summary Memo that highlights agency and stakeholder comments on the two draft Conduit Exemption applications. It is assumed that one combined Summary Memo will be developed for the Angels Powerhouse Project and Murphys Powerhouse Project. It is also assumed that UWPA will provide a single set of consolidated comments on the Draft Summary Memo within 5 business days of the submitted draft for Stantec to integrate into the Final Summary Memo. (Assumes 32 total hours)
  - Note: Should UWPA elect not to require Stantec provide a Summary Memo, the price of the total Subtask 2 will be reduced by approximately \$8,000.
- Provide strategic review of the draft U.S. Forest Service Special Permit Form SF299 being developed by UWPA. (Assumes 8 total hours)

**Subtask 3 – Additional Ongoing Regulatory Support**

UWPA has requested Stantec provide key strategic and regulatory support services through the end of June 2024, including the following scopes of work:

- Provide strategic and regulatory support services through June 30, 2024. It is estimated requested support will range from 4 to 6 hours per week, for an estimated 13 weeks (Assumes March 26, 2024 to June 30, 2024; up to 60 total hours)
- Prepare anticipated 2025 Fiscal Year spend for ongoing regulatory support needs for UWPA Board by June 30, 2024. This includes a discussion of the services associated with the estimated 2025 FY spend for pursuing the Conduit Exemptions for both the Angels Powerhouse Project and Murphys Powerhouse Project – including the anticipated costs for

Reference: Proposal Support to UWPA for Ongoing Regulatory Support

finalizing the Conduit Exemption application, summary of anticipated studies, and additional stakeholder consultation. (Assumes 80 total hours)

- Develop a framework of what might be part of Conduit Exemption environmental protection agreements, where they become necessary, or are asked for by agencies for both the Angels Powerhouse Project and Murphys Powerhouse Project. It is assumed that the agreements will ultimately, if pursued, be analogous to “memorandums of understanding” between UWPA and the agencies and will be based on the existing operating plans and current FERC required measures that UWPA implements under their current FERC licenses. The initial frameworks that Stantec will draft will be up to two pages for each agreement, and up to four agreements will be drafted for each of the two projects, resulting in up to eight total draft framework agreements. (Assumes 60 total hours)
- Associated with the scope of work for Subtask 3, Stantec will provide Project Management (project administration, project controls, invoicing) support to UWPA from April 26, 2024 to June 30, 2024, which is estimated at approximately two to three hours per week (Assumes 18 total hours through June 30, 2024).

## 2 Task Order 2 - Proposal Budgetary Estimate

Stantec proposes to execute this work under the existing Master Services Agreement between Stantec and UWPA. Task Order 2 Subtask 2 and Subtask 3 will be performed on a time and materials basis, with a not-to-exceed budget of **US \$94,390**, with sub-budgets of **\$38,075** for Subtask 2A/2B and **\$56,315** for Subtask 3; based on Tables below. As noted above, should UWPA elect to not require Stantec provide the Summary Memo described above under Subtask 2B, there will be a reduction in the proposal estimate by approximately \$8,000.

It is understood there are cost uncertainties with the number and complexity of comments anticipated on the Draft Conduit Exemption Applications and the number of studies UWPA will be asked to implement. Stantec requested UWPA establish a contingency budget that can be added to Stantec’s authorized budget should additional effort be required to complete the scope of work described above. The budget requested above should be considered a reasonable estimate based on the assumption listed in the proposal and the anticipated level of engagement.

Should you require any additional information, or if you have questions on any specific component of Stantec’s proposal, please do not hesitate to contact me at the information below.

Sincerely,

**STANTEC CONSULTING SERVICES INC.**



**Michael Manwaring, PG**

Regional Sector Leader

Phone: 425-750-7989

michael.manwaring@stantec.com

Attachment: Task Order 2 - Subtask 2 and Subtask 3 Proposal Costs Estimate

Reference: Proposal Support to UWPA for Ongoing Regulatory Support

**Table 1. Cost Estimate for Task Order 2, Subtask 2 and Subtask 3**

<b>Stantec Task Order 2 - Subtask 2A/B</b>				
<b>Staff</b>	<b>Role</b>	<b>2024 Hourly Rate</b>	<b>Hours</b>	<b>Costs</b>
Michael Manwaring	Senior QA/QC/Strategic Advisor	\$ 284	28	\$ 7,952
Kirby Gilbert	Senior FERC Regulatory Specialist	\$ 274	23	\$ 6,302
Heidi Wahto	Senior FERC Regulatory Specialist	\$ 257	35	\$ 8,995
Bernadette Bezy	Sn. Environmental Specialist	\$ 257	14	\$ 3,598
Alisa Reynolds	Sn. Cultural Resource Specialist	\$ 257	8	\$ 2,056
TBD	Regulatory Specialist/Env Scientist	\$ 180	20	\$ 3,600
Preston Rich	Project/Contract Management	\$ 164	16	\$ 2,624
James Tosch	Administrative/Accounting Support	\$ 130	4	\$ 520
			148	\$ 35,647
		RFD	6.25%	\$ 2,228
			Expenses	\$ 200
			<b>Total Proposed Costs</b>	<b>\$ 38,075</b>

Flat Rate Disbursement (FRD) is billed in accordance with the MSA contract with UWPA.

<b>Stantec Task Order 2 - Subtask 3</b>				
<b>Staff</b>	<b>Role</b>	<b>2024 Hourly Rate</b>	<b>Hours</b>	<b>Costs</b>
Michael Manwaring	Senior QA/QC/Strategic Advisor	\$ 284	42	\$ 11,928
Kirby Gilbert	Senior FERC Regulatory Specialist	\$ 274	32	\$ 8,768
Heidi Wahto	Senior FERC Regulatory Specialist	\$ 257	54	\$ 13,878
Bernadette Bezy	Sn. Environmental Specialist	\$ 257	20	\$ 5,140
Alisa Reynolds	Sn. Cultural Resource Specialist	\$ 257	12	\$ 3,084
TBD	Regulatory Specialist/Env Scientist	\$ 180	40	\$ 7,200
Preston Rich	Project/Contract Management	\$ 164	14	\$ 2,296
James Tosch	Administrative/Accounting Support	\$ 130	4	\$ 520
			218	\$ 52,814
		RFD	6.25%	\$ 3,301
			Expenses	\$ 200
			<b>Total Proposed Costs</b>	<b>\$ 56,315</b>

Flat Rate Disbursement (FRD) is billed in accordance with the MSA contract with UWPA.

Reference: Proposal Support to UWPA for Ongoing Regulatory Support

**Signature of Proposal Acceptance:**

By signing below, UWPA authorizes Stantec to execute the above Task Order 2 scope of work. Signatures are required for each individual Subtask. Should UWPA elect to authorize only part of the proposal, they are to indicate (by signature) the approve and authorized Subtask.

Task Order 2, Subtask 2

 02/14/2024  
\_\_\_\_\_  
Client Authorization / Date

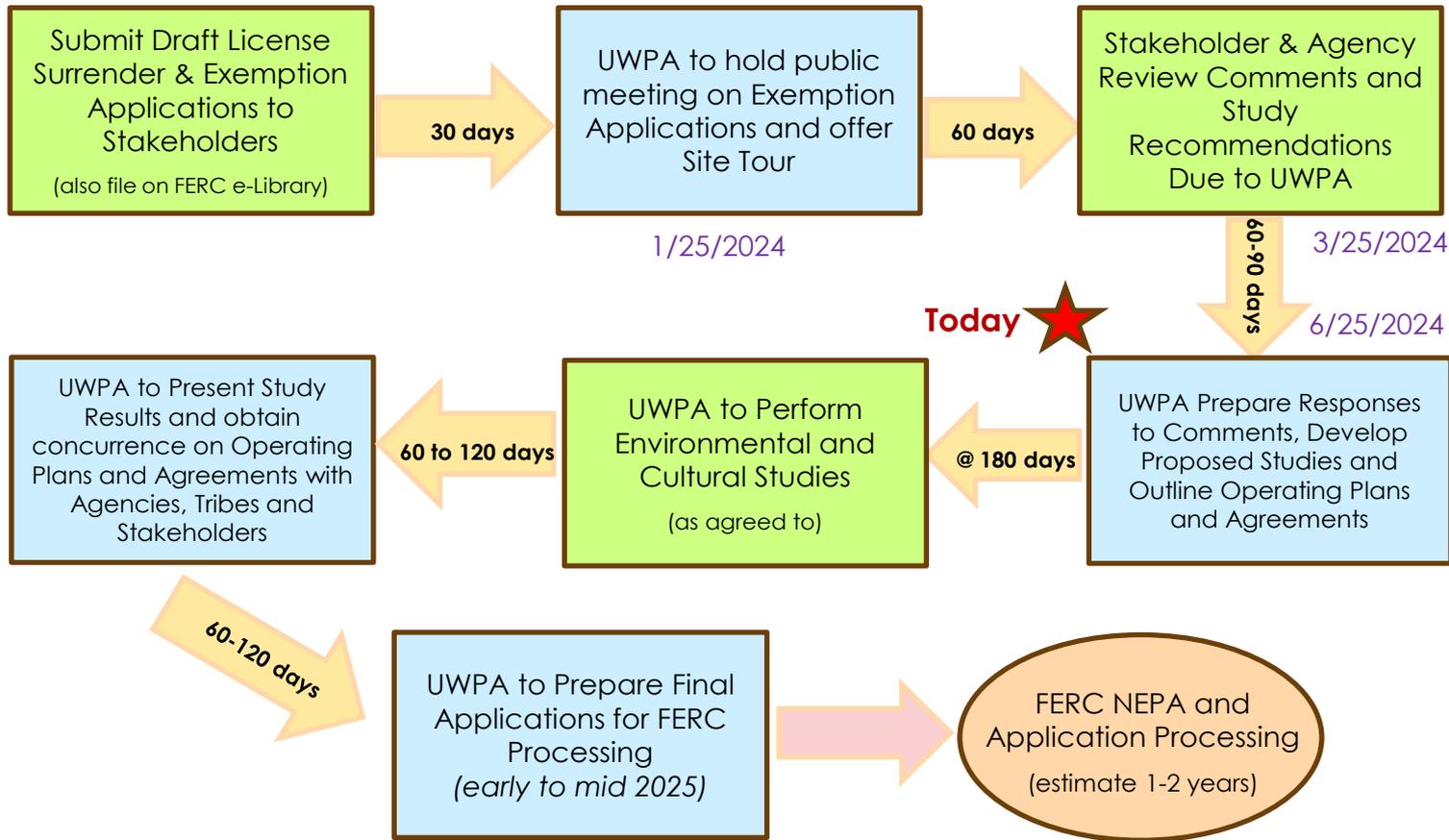
Task Order 2, Subtask 3

\_\_\_\_\_  
Client Authorization / Date

# FERC Conduit Exemption Applications Summary of Ongoing Activities

- 
- FERC Conduit Exemption Applications
    - UWPA filed Draft CE Applications in December 2023
    - Four (4) entities filed comments with FERC (requesting studies)
      - SWRCB, USFS, CDFW, and CSPA
  - USFS Special Use Authorization Process
    - Required for occupation of USFS lands (Utica Project)
    - Application is being prepared
  - SHPO Cultural Resources Section 106 Consultation
    - Consultation has been initiated, scope of work being developed
  - Environmental Studies
    - Team is evaluating comments, preparing recommendations
    - Following slides provide additional details

# FERC Conduit Exemption Application UWPA Timeline and General Process



# Summary of Key Studies Being Requested

#	Study	Description
1	Foothill Yellow Legged Frog (FYLF)	Listed species; CDFW requested data to determine the presence of FYLF: multiple life stages; 3 to 4 sampling events in 2024.
2	Red Legged Frog (RLF)	Listed species; CDFW noted RLF may be present and requested data collection. Could coordinate with FYLF surveys.
3	Western Pond Turtle (WPT)	Proposed for listing; CDFW noted WPT may be present & requested data. Coordinate with FYLF/RLF surveys. Previously noted in 2006.
4	Fish Studies (trout, catfish, etc.)	CDFW requested data on fish populations in project area. Limit surveys to electro-fishing and observations; where possible.
5	Water Quality	SWRCB requiring initial study (401 WQ cert & CEQA); wet season/dry season sampling; may require long-term monitoring.
6	Benthic Macro-invertebrate (BMI)	CDFW requested data to assess health of fish populations; SWAMP protocol generally required by SWB for 401 WQ Cert.
7	Aquatic Invasive Species (AIS)	CDFW requested data to assess mollusc species. Address thru WQ studies and eDNA surveys (amphibians/reptiles) or observations.
8	Wildlife Entrapment (Canals/Flumes)	CDFW requested data on wildlife entrapment in canals/flumes. Limit to visual inspections; document as part of O&M activities.
9	Instream Flow Study	CDFW implied this could be a required study, based on results of fish surveys. Use previous PG&E studies; avoid if possible.
10	SHPO Section 106 Studies & Reporting	This effort will include studies that lead to an updated Historic Properties Management Plan. Required action.

# Potential Studies and Cost Ranges

#	Study Description	Recommended (yes/no/modify)	Low Range	High Range	Additional Comments
1	Foothill Yellow Legged Frog (FYLF)	Yes	\$ 75,000	\$ 175,000	Recommend phased approach for implementation
2	California Red Legged Frog (CRLF)	Modify	\$ 10,000	\$ 30,000	more data required, add on to FYLF study
3	Western Pond Turtle (WPT)	Modify	\$ 10,000	\$ 50,000	eDNA, if it becomes an issue, include trapping.
4	Fish Studies (trout, catfish, etc.)	Yes	\$ 75,000	\$ 150,000	Recommend electro-fishing; avoid snorkel surveys
5	Water Quality	Yes	\$ 100,000	\$ 250,000	Required study 401 WQ cert; wet season/dry season sampling
6	Benthic Macroinvertebrate (BMI)	No to Modify	\$ 10,000	\$ 150,000	SWAMP protocol study; if needed, perform w/ other field work
7	Aquatic Invasive Species (AIS)	No to Modify	\$ 5,000	\$ 50,000	Address this through WQ studies; adjacent observations
8	Wildlife Entrapment (Canals/Flumes)	Modify	\$ 5,000	\$ 50,000	Limit to visual inspections of canals/flumes; O&M reporting
9	Instream Flow Study	No	\$ 100,000	\$ 400,000	Can previous (PG&E) studies be used? Costly, avoid if possible.
10	SHPO Section 106 Studies & Reporting	Yes	\$ 350,000	\$ 400,000	Attempt to use existing data as much as possible to lower costs
			<b>\$ 740,000</b>	<b>\$ 1,705,000</b>	
* Costs are approximate; may be higher based on agency requirements (i.e., Take Permits, sampling procedures).					

# Study Recommendations

- 
- A. FYLF (w/ RLF and WPT) Surveys - **recommended**
    - Phased approach w/ overlapping RLF and WPT sampling, if possible
  - B. Fish Surveys - **recommended**
    - Fall sampling; one year only; plan to use fishery condition to determine need for BMI sampling. However, SWRCB may require BMI for 401 Cert (likely a September survey).
  - C. Water Quality (Required for 401 WQ Cert) - **recommended**
    - Limit to required WQ constituents; include sampling to support AIS assessment.
    - Anticipate SWRCB requests 2 seasons, spring runoff/summer dry season.
  - D. Benthic Macroinvertebrate (BMI) - **not recommended or a modified version**
  - E. Aquatic Invasive Species (AIS) – **not recommended or a modified version**
  - F. Wildlife Entrapment Survey – **recommended**
    - Streamline study, develop for long-term O&M actions
  - G. In-Stream Flow Study – **not recommended**
    - Costly, but should wait until aquatic surveys are completed
    - Use previous PG&E studies if appropriate (Mill Creek or Angels Creek)

## Other Required/Recommended Activities

- 
- A. Finalization of CE Applications
  - B. USFS Special Use Authorization Permit (required)
  - C. SWRCB 401 Water Quality Certification (likely required)
  - D. CEQA Initial Study for 401 WQ Cert (required)
  - E. SHPO/Section 106 Studies & Consultation (required)
    - Phased approach, utilize as much as previous info as possible
    - Potential to be costly, depending on tribal/SHPO needs
  - F. Biological Assessment (USFWS)/Biological Evaluation (USFS)
    - Depending on data collection results (species presence)

# High Level Cost Estimates (2024 – 2026)

Cost Element	2024 Costs		2025 Costs		2026 Costs	
	Lower End	Upper End	Lower End	Upper End	Lower End	Upper End
Ongoing Stantec Strategic and Regulatory Support	\$ 40,000	\$ 60,000	\$ 60,000	\$ 100,000	\$ -	\$ 25,000
Recommended Studies	\$ 225,000	\$ 650,000	\$ 50,000	\$ 55,000	\$ -	\$ -
Other Potential Studies (Modified or Unplanned)	\$ -	\$ -	\$ 115,000	\$ 550,000	\$ -	\$ -
Final CE Applications	\$ 30,000	\$ 50,000	\$ 10,000	\$ 25,000	\$ -	\$ 10,000
USFS Special Use Authorization Permit	\$ 5,000	\$ 25,000	\$ -	\$ 10,000	\$ -	\$ -
CEQA Initial Study/ 401 WQ Certificate	\$ 10,000	\$ 25,000	\$ 30,000	\$ 100,000	\$ -	\$ 25,000
SHPO/Section 106	\$ 175,000	\$ 200,000	\$ 175,000	\$ 200,000	\$ -	\$ -
Biological Assessment/ Biological Evaluation	\$ 10,000	\$ 50,000	\$ 30,000	\$ 100,000	\$ -	\$ 25,000
<b>Summary of Costs</b>	<b>\$ 495,000</b>	<b>\$ 1,060,000</b>	<b>\$ 470,000</b>	<b>\$ 1,140,000</b>	<b>\$ -</b>	<b>\$ 85,000</b>
<b>Low End Estimate Range</b>	<b>\$ 850,000</b>	<b>\$ 965,000</b>	(higher cost assumes "not recommended" studies performed)			
<b>Upper End Estimate Range</b>	<b>\$ 1,735,000</b>	<b>\$ 2,285,000</b>	(higher cost assumes "not recommended" studies performed)			

# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024  
**To:** Joel Metzger, General Manager  
**From:** Stacie Walker, Administrative Specialist  
**Re:** Proposed Adjustments to the Fiscal Year 2023-2024 Budget

---

## **RECOMMENDED ACTION:**

Seeking a motion to adopt Resolution 2024-03 Third Budget Adjustment approving a third budget adjustment for the Fiscal Year 2023-2024 Budget (see attached Exhibit 1).

## **SUMMARY:**

The Utica Water and Power Authority Board of Directors adopted the Fiscal Year (FY) 2023-2024 Budget on May 30, 2023. The FY 2023-2024 Budget was adjusted twice during the fiscal year. To allocate funds effectively, staff budgets conservatively and brings adjustments to the Board whenever there is a significant change in expected expenses or revenues. This budgeting method allows Utica to respond to real operational needs while avoiding large carryover balances at the end of the fiscal year.

In March 2024, staff received comment letters on Utica's draft Federal Energy Regulatory Commission (FERC) Conduit Exemption applications. The comment letters request Utica to engage in various environmental studies. Some of the studies requested are time-sensitive based on the seasonality of endangered species, and the Foothill Yellow-Legged Frog (FYLF) study is one of those instances. Staff was informed by the California Department of Fish and Wildlife that the FYLF survey should be conducted in early spring. If Utica waits much longer to engage in the FYLF study, the timeline for survey completion will be delayed by a full calendar year.

## **CONSIDERATIONS:**

While there are a number of studies requested by interested parties that commented on the FERC Conduit Exemption applications, the most time sensitive of these requests is the FYLF study. Utica's primary FERC Exemption consultant, Stantec, has provided a proposal to conduct the FYLF study and is prepared to move forward with the study quickly so as not to miss the window for this year.

## **FINANCIAL IMPLICATIONS:**

The proposal from Stantec to perform the FYLF study is a range of \$75,000 to \$175,000. Staff proposes the Board approve a budget not to exceed \$75,000 for this study at this time.

Staff proposes the Board uses funds from the FERC Relicensing / Exemption Reserve for the cost of the FYLF study, which will result in a balanced budget for FY 2023-2024.

## **ATTACHMENTS:**

1. *Resolution 2024-04*
2. *FY 2023-2024 Budget Summary*
3. *Proposed Budget Adjustment for Fiscal Year 2023-2024*
4. *Stantec's summary of requested studies and possible costs*



**RESOLUTION NO. 2024-03**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UTICA WATER AND  
POWER AUTHORITY ADOPTING THE FISCAL YEAR 2023-2024  
THIRD BUDGET ADJUSTMENT**

**WHEREAS**, the Utica Water and Power Authority (Utica) Board of Directors (Board) adopted the Fiscal Year 2023-2024 Budget on May 30, 2023; and

**WHEREAS**, the Board adopted adjustments to the Fiscal Year 2023-2024 Budget on July 25, 2023 and February 13, 2024; and

**WHEREAS**, staff is recommending a budget adjustment as described by the attached Exhibit 1; and

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Utica Water and Power Authority hereby approves and adopts the attached Fiscal Year 2023-2024 Third Budget Adjustment – Exhibit 1 – as the official budget for Utica Water and Power Authority for the fiscal year beginning July 1, 2023, and ending June 30, 2024.

**ON A MOTION** by Director \_\_\_\_\_, and seconded by Director \_\_\_\_\_, the foregoing resolution was duly passed and adopted by the Board of Directors of the Utica Water and Power Authority, on the 30th day of April 2024, by the following vote:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

---

Ralph Chick Board Chair

ATTEST:

---

Stacie Walker, Clerk of the Board

**Exhibit 1**

**FY 2023-2024 Proposed Budget Adjustment No. 3  
April 30, 2024**

Budget Adopted 5/30/23

**Income Adjustments**

<i>Non-operating Income</i>			<i>Adopted</i>	<i>Proposed</i>	
			<i>2/13/24</i>		
1350	01	FERC Relicensing / Exemption Reserve	\$190,880	\$265,880	<b>\$75,000</b>

**Expense Adjustments**

<i>Professional Services</i>			<i>Adopted</i>	<i>Proposed</i>	
4400	16	FERC Consultants	\$130,880	\$205,880	<b>\$75,000</b>

# Potential Studies and Cost Ranges

#	Study Description	Recommended (yes/no/modify)	Low Range	High Range	Additional Comments
1	Foothill Yellow Legged Frog (FYLF)	Yes	\$ 75,000	\$ 175,000	Recommend phased approach for implementation
2	California Red Legged Frog (CRLF)	Modify	\$ 10,000	\$ 30,000	more data required, add on to FYLF study
3	Western Pond Turtle (WPT)	Modify	\$ 10,000	\$ 50,000	eDNA, if it becomes an issue, include trapping.
4	Fish Studies (trout, catfish, etc.)	Yes	\$ 75,000	\$ 150,000	Recommend electro-fishing; avoid snorkel surveys
5	Water Quality	Yes	\$ 100,000	\$ 250,000	Required study 401 WQ cert; wet season/dry season sampling
6	Benthic Macroinvertebrate (BMI)	No to Modify	\$ 10,000	\$ 150,000	SWAMP protocol study; if needed, perform w/ other field work
7	Aquatic Invasive Species (AIS)	No to Modify	\$ 5,000	\$ 50,000	Address this through WQ studies; adjacent observations
8	Wildlife Entrapment (Canals/Flumes)	Modify	\$ 5,000	\$ 50,000	Limit to visual inspections of canals/flumes; O&M reporting
9	Instream Flow Study	No	\$ 100,000	\$ 400,000	Can previous (PG&E) studies be used? Costly, avoid if possible.
10	SHPO Section 106 Studies & Reporting	Yes	\$ 350,000	\$ 400,000	Attempt to use existing data as much as possible to lower costs
			<b>\$ 740,000</b>	<b>\$ 1,705,000</b>	
* Costs are approximate; may be higher based on agency requirements (i.e., Take Permits, sampling procedures).					

# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024  
**To:** Utica Board of Directors  
**From:** Joel Metzger, General Manager  
**Re:** Direction Regarding Fiscal Year 2024-2025 Draft Budget, Utica Financial Analysis, and Joint Powers Authority Member Entity 5-Year Funding Plan

---

## **STAFF RECOMMENDATION:**

Discussion / direction regarding the FY 2024-2025 Draft Budget, Utica Financial Analysis, and Joint Powers Authority Member Entity 5-Year Funding Plan.

## **SUMMARY:**

### FY 2024-2025 Budget Development

Each year, the Utica Water and Power Authority (Utica) Budget Committee (Committee) reviews and refines the draft budget for the upcoming fiscal year. The Committee makes recommendations to the full Utica Board of Directors, which adopts a final budget that establishes a coordinated plan for the expenditures of resources for the period of July 1 through June 30 of the following calendar year. The purpose of a budget is to determine the amount of money that is available for or required for Utica's operations during the coming year. Utica staff prepares a budget annually that accounts for operating and non-operating revenues and sets forth a plan for how it intends to utilize these resources over the coming 12 months. In accordance with state law, Utica must produce a balanced budget, meaning that its appropriated expenditures do not exceed the amount of revenues it estimates will be available for that year. Per the Memorandum of Understanding between Utica, the City of Angels (COA), and Union Public Utility District (UPUD), the Authority's budget must be approved by the end of May each year to ensure the Joint Powers Authority (JPA) members have adequate time to incorporate Utica's funding needs into their respective budgets.

### Five-Year Financial Analysis

Utica hired HDR Engineering, Inc., in early 2024 to conduct a financial analysis and build a model that provides budget projections over the next 5-10 years. The purpose of this analysis was for Utica to work with a qualified rate study and Proposition 218 consultant to develop responsible and defensible budget projections that will be provided to the JPA member agencies and incorporated into the JPA member entities' rate studies that are being conducted in 2024.

Agreeing on a pre-determined JPA funding plan for five years will allow Utica to have a concrete number of how much funding is coming in each year, and it gives the JPA members a clear number for their annual payments. This will make the annual budgeting process much easier for all parties and save substantial staff time.

## **HIGH-LEVEL DRAFT BUDGET OVERVIEW AS PRESENTED TO THE UTICA BUDGET COMMITTEE**

The information below in this section of the memo provides a high-level overview of the draft FY 2024-2025 Budget as presented to the Utica Budget Committee on Thursday April 18, 2024.

### Revenues

Utica has two types of revenues: Operating and non-operating.

- Operating income consists of water sales to agricultural customers and Northern California Power Agency (NCPA), hydroelectric power sales, and water supply agreement payments from Union Public Utility District (UPUD) and City of Angels (COA). In FY 2024-2025, staff projects Murphys Powerhouse will generate about \$1.12 million and Angels Powerhouse will generate about \$575,000 (assuming it is a Water Year 1, which will be locked in May 2024). Water sales to agricultural water contractors are projected to be about \$44,000. Water sales to NCPA are projected to be \$0, given the uncertainty of their interest in buying water and their offering price may be lower than what Utica can generate by running water through its two powerhouses. However, this could change if NCPA makes an offer that makes financial sense.
- Non-operating income consists of interest income, property leases, and grants. Staff projects non-operating income will be about \$67,000, with the largest increase being leases to communications companies.
- Grant funding includes a projected \$950,000 for the Hunter Reservoir Fuels Reduction Project grant from CAL FIRE. An additional \$25,000 is expected from the United States Bureau of Reclamation (USBR) WaterSMART grant for automated waste gates and cross gates. Staff has submitted additional grant applications for funding from the Department of Energy and WaterSMART that are under review by funding agencies.
- Reserve Transfers In consists of funds that are being transferred out of reserves and infused into the general fund. Staff is projecting that \$230,000 will be transferred from the Federal Energy Regulatory Commission (FERC) Relicensing / Exemption Reserve to cover the projected costs of the FERC Exemption application efforts. This includes consultants, legal counsel, and general FERC Exemption-related costs.
- In FY 2023-2024, Utica spent \$243,000 (funds came from the Operating Reserve) on road repairs that were damaged during storms in the winter of 2022-2023. Staff has submitted requests for reimbursement of about 94% of those costs to the Federal Emergency Management Agency (FEMA) and California Office of Emergency Services (Cal OES).

### Expenditures

- Wages and benefits include salaries, burden, benefits, on-call, and overtime. In FY 2022-2023, this line item was \$1,128,740. In FY 2023-2024, this line item was \$1,198,158, which included performance-based step increases of 2.5% for all non-contract employees and a cost-of-living adjustment (COLA) of 5% (inflation was 7% that year) to account for inflation. In FY 2024-2025, this line item is projected to be \$1,289,132, which includes 2.5% performance-based step increases for qualifying employees (non Y-rated) and a 3% COLA. The San Francisco-Oakland-Hayward, California, Consumer Price Index (CPI) shows an increase of 2.37% from April 2023 to 2024. For reference, UPUD is providing a 5% step increase and a 3% COLA to its qualifying employees over the next five years. The City is still negotiating what the step increases and COLAs will be in the coming years.
- Services and Supplies include maintenance and repairs, professional services, governmental fees, utilities, travel and training, and more. In FY 2022-2023, the total budget for Services and Supplies was \$703,920. The FY 2023-2024 budget included \$243,000 in road repairs from damages that occurred during the New Year's Storm Emergency. In FY 2023-2024, the budget was \$1,072,040. Staff projects the amount for FY 2024-2025 will be \$860,807. This includes about \$110,000 in maintenance and repair (please note staff is recommending moving flume, canal, and dam maintenance from Capital Improvements to Maintenance and Repairs, which would increase that budget by about \$200,000).
- Utica's Board Adopted updated 10-year Capital Improvement Plan (CIP) includes three main categories: Water, Power, and General. The total cost for CIP in FY 2022-2023 was \$596,000. The total CIP cost for FY 2023-2024 was about \$690,000. In FY 2024-2025, the CIP is projected to cost \$775,000. The following projects have been identified as the highest priority:
  - Water Conveyance: While the CIP has \$100,000 budgeted, staff is recommending \$150,000, due to the amount of flume that needs to be maintained and the cost of materials, supplies, and labor. Staff is recommending \$35,000 for shotcrete overlay of sections of the gunite canal that are failing (as noted above, staff is recommending the flume and canal repairs be moved to the category Maintenance and Repairs). For dam and spillway improvements, staff is recommending \$35,000, per the CIP. \$10,000 for a gaging station to be installed just above the Angels Forebay, to give operators better data on the Angels Canal. \$150,000 to complete the purchase and installation of a trash rack replacement at Murphys Forebay (\$135,000 in the budget for FY 2023-2024).
  - Power Generation: \$200,000 to fund the upgrade from mechanical relays to digital. Staff recommends \$30,000 to replace the deflector controls in Angels Powerhouse. \$150,000 is in the CIP to fund half the purchase of a backup transformer for Murphys Powerhouse (another \$150,000 is in the CIP for FY 2025-2026).
  - General: \$25,000 for feasibility studies, including the Highway 4 Water Supply Reliability study (in partnership with CCWD, UPUD, COA) and continued evaluation of preferred alternatives for pre-hazard mitigation projects to protect Utica's water supply system from natural disasters. \$35,000 for general facilities focused on building maintenance at Hunter Reservoir to protect lumber and tools, paving at Hunters and HQ, securing facilities from theft at HQ, and other facility maintenance projects.

- Capital Outlay includes funding for equipment, vehicles, and communications infrastructure. Staff projects \$71,000 in expenses for FY 2024-2025, including the purchase of a truck for Water Conveyance estimated to cost \$40,000, \$10,000 for tools and equipment, and \$20,000 for equipment attachments.
- Utica's reserves contributions follow the schedule adopted by the Board's Reserve Policy in 2022. In FY 2024-2025, per the policy, total reserve contributions will be \$503,800. They include a \$400,000 contribution to the FERC Relicensing and Exemption Fund, \$30,000 contribution to the Operating Reserve, and \$73,800 to FERC studies/inspection 5- and 10-year Reserves. There is no projected contribution to the JPA Member Contribution Reserve (which is proposed to be renamed to the Budget Balancing Reserve).

The draft FY 2024-2025 Budget presented to the Budget Committee on April 18, 2024, had a \$1,450,000 deficit. The budget did not include payments from UPUD or COA (\$490,000 each in FY 2022-2023 and \$290,000 each in FY 2023-2024).

### **BUDGET COMMITTEE RECOMMENDATIONS REGARDING FY 2024-2025 DRAFT BUDGET:**

After an extensive review and discussion of the draft FY 2024-2025 Budget prepared by staff, the Budget Committee made a series of recommendations to bring to the full Utica Board for consideration. After making recommended adjustments during the meeting, including adding in \$740,000 from the JPA, the budget deficit was reduced from \$1.45 million to about \$150,000.

The Committee reviewed at each line of the draft budget to understand revenues and expenditures and determine where expected revenues could be increased and costs could be reduced. The recommendations from the Committee are as follows:

1. Operating Income
  - Add \$740,000 in JPA member contributions from UPUD and COA (\$370,000 each)
2. Non-Operating Income
  - Interest income from reserves in money market accounts – increase from \$0 to \$75,000 (conservative estimate due to decreasing interest rates and projected spending down of reserves)
  - Reserve transfers in from the FERC 5-Year Reserve - \$10,000
  - Reserves transfers in from the FERC 10-Year Reserve - \$20,000
  - Consideration of additional FERC 5-and-10 Year Reserves: Discuss with the Board whether it is appropriate to use these reserves for annual FERC compliance costs.
  - Note: The FERC 5-Year Reserve has a balance of \$57,000 and the FERC 10-Year Reserve Balance is \$245,000.
3. Disaster Relief
  - The Committee discussed the possibility of FEMA and Cal OES reimbursement in FY 2024-2025, but staff is not counting on these funds. If they do come in, they will reimburse the Operating Reserve.

#### 4. Services and Supplies

- IT Support Services – Reduce from \$25,000 to \$10,000. Reducing cost by only engaging with support on some of Utica's systems. It was recognized that putting a backup plan for IT in place is challenging, costly, and not having one puts Utica at risk.
- Water Rights Reporting – Reduce from \$20,000 to \$0
- Community Education / Outreach – Reduce from \$15,000 to \$5,000. Use FERC reserves for Exemption-related outreach.

#### 5. Capital Improvement Plan

- Powerhouses
  - Murphys Powerhouse Relay Protection – Reduce from \$200,000 to \$50,000. Phasing the project to obtain permits from PG&E in FY 2024-25. The Committee recognized that if \$50,000 is spent in FY 2024-2025, an additional \$150,000 must be spent to complete the relay project in FY 2025-2026.
  - APH Deflector Valve and Hydraulic Controls – Reduce by \$30,000
  - MPH Static Exciter – Increase from \$0 to \$30,000
- Water Conveyance
  - Flume Maintenance – Reduce from \$150,000 to \$100,000. (Note: Staff is recommending moving Flume Maintenance, Canal Repair, and Dam and Spillway Improvements from the “CIP” category into “Repair and Maintenance” since these are ongoing maintenance projects)
  - Murphys Trash Rack– Reduce from \$150,000 to \$135,000. Combining the FY 2023-24 budget allocation with \$135,000 will give staff the funds needed to purchase the equipment in FY 2024-25.
- General Projects
  - Feasibility Assessments – Reduce from \$25,000 to \$15,000. Money is slated to conduct a water reliability study. Partnerships with UPUD, COA, and CCWD should reduce the overall cost of this project.
  - General Facilities – Reduce from \$35,000 to \$20,000.

#### 6. Capital Outlay

- Vehicle Purchase – Reduce from \$40,000 to \$0. Delay the purchase of a conveyance truck to a future year.

#### 7. Reserve Contributions

- FERC Exemption Reserve – Reduce contribution from \$400,000 to \$300,000. The Board-adopted reserves policy calls for \$400,000 in contributions for FY 2024-25 (an increase from the prior \$350,000/year contribution).

After staff applied the changes to the budget recommended by the Budget Committee, a deficit of \$138,000 remains. The Budget Committee discussed various tools that could be used to balance the FY 2024-2025 Budget, including:

- Potential increase in projected carryover and surplus hydro revenue (\$96,000 projected as of April 2024).

- Identifying the most critical projects on the Capital Improvement Plan and considering deferment of some projects.
- Identifying opportunities for smaller cuts throughout the entire budget
- Revisiting the contribution amounts in the Reserves Policy
- Taking on debt

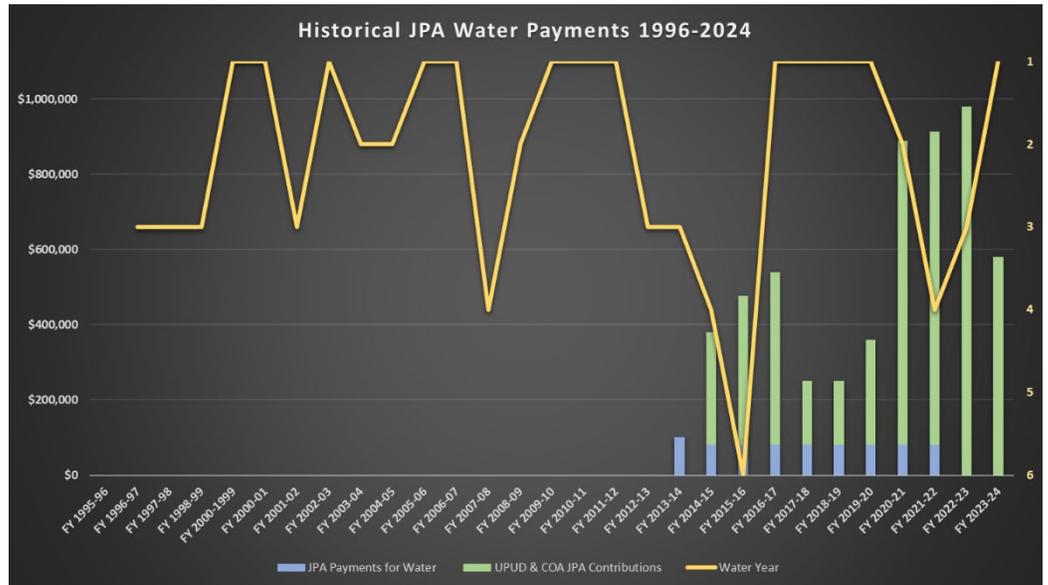
**UTICA FINANCIAL ANALYSIS AS PRESENTED TO THE UTICA BUDGET COMMITTEE:**

The Utica Financial Analysis presented to the Utica Budget Committee assumes hydro revenues at a Water Year 1 level in FY 2024-2025 (this is expected to be locked early May 2024) and a 2.5 level for the four remaining years. The model shows budget deficits of well over \$1 million in each of the next five years when funding the expenditures included in the Board-adopted Capital Improvement Plan, Board-adopted Reserve Policy contributions, and projected O&M with annual inflationary increases.

Under their existing rate structures, UPUD can generate about \$370,000 per year in Utica fees and COA can generate about \$440,000 per year in Utica fees. The \$70,000 discrepancy between the dollar amount each JPA member agency can collect is due to UPUD changing the way it defined customers during its 2023 rate study and rate adoption. Given the current financial constraints of JPA member agencies, staff recognizes the financial and political challenges that the JPA faces when setting rates and fees to support payments to Utica.

It is important to note that since Utica was formed in 1995, COA and UPUD contributed \$0 over the first 18 years of operation. During that time, Utica used power revenues to pay off the \$4 million debt (plus interest) taken out to purchase the Utica and Angels projects.

HDR presented four scenarios to the Budget Committee, including approaches that took on debt and deferred capital improvement projects. There were no scenarios that the consultant or staff recommended that included JPA contributions starting at \$370,000 per year. The recommendation of the financial consultant was



scenario 4, which called included JPA contributions of \$487,500 from both COA and UPUD for a total contribution in FY 2024-2025 of \$975,000. This scenario includes spending \$505,000 in the Budget Balancing Reserve over the next five years, deferring CIP projects, not taking on debt.

## Scenario 4 – 2.5 Water Year and Adjusted CIP (\$505,000 BB reserve)

Total Revenue	\$3,739	\$3,105	\$1,813	\$1,824	\$1,836	\$1,848
Total Expenses	\$3,739	\$4,080	\$2,905	\$3,047	\$3,206	\$3,382
Agency Contributions	\$580	\$975	\$1,092	\$1,223	\$1,370	\$1,534
Annual % Change	--	--	12.0%	12.0%	12.0%	12.0%

The Budget Committee reviewed the scenarios presented by HDR and recommended the staff create additional options for full Board consideration. These Committee recommended the projections include an option that starts with a \$370,000 contribution from each agency (total of \$740,000) for fiscal year 2024-2025 and then apply an annual increase of 10% for each of the next four years. Using this updated funding scenario, the Committee recommended that staff explore two different spending approaches: one that accommodates a modified CIP, distributing project funding across several years, and another that accounts for debt servicing to cover the FERC Relicensing costs that could be taken out after a determination is made on whether the FERC Exemption Applications are approved.

Staff is working with HDR to prepare additional scenarios that will be presented to the Utica Board at the April 30 meeting for consideration.

### **NEXT STEPS**

- The full Utica Board will discuss the recommendations from the Utica Budget Committee meeting and provide direction to staff to balance the draft FY 2024-2025 Budget.
- The full Utica Board will discuss the results of the Utica Financial Analysis and provide direction to staff on a recommended five-year funding plan
- The full Utica Board will provide direction to staff on what education and outreach to the JPA member entities is needed regarding the FY 2024-2025 Budget and Five-Year Financial Analysis.
- Staff will bring a revised version of the FY 2024-2025 Draft Budget to the Utica Board meeting on May 28, 2024 for consideration, along with and updated recommendation for a five-year JPA funding agreement.

### **ATTACHMENTS:**

1. FY 2024-2025 Draft Budget
2. Draft Utica Wage Table for FY 2024-2025
3. Resolution No. 22-11 Adopting the Revised Utica Reserves Policy
4. 10-year Capital Improvement Plan – Revised by Resolution No. 2023-21
5. Projected FERC regulatory compliance costs: 2024 – 2029
6. Slide presentation for Utica Financial Analysis and Recommendations

# FY 2024-2025 Draft Budget

GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget
1	-	<b>Budget Balance</b>	<b>-\$1</b>	<b>\$96,630</b>	<b>-\$138,524</b>
2	-	<b>Revenues</b>	<b>\$3,471,157</b>	<b>\$69,920</b>	<b>\$3,863,573</b>
3	-	Operating Income	\$2,428,177	\$64,135	\$2,486,002
4	1200	-01 NCPA Water Sales	\$80,000	\$0	\$0
5	1200	-02 City of Angels Water Agreement	\$290,000	\$0	\$370,000
6	1200	-03 Union Public Utility District Water Agreement	\$290,000	\$0	\$370,000
7	1200	-04 Irrigation Water Contractors	\$43,775	-\$564	\$44,000
8	1200	-05 Slurry Line / CCWD Wheeling Fees	\$992	\$0	\$1,000
9	1210	-01 Angels Powerhouse - Power Sales	\$570,642	\$37,540	\$576,681
10	1210	-02 Murphys Powerhouse - Power Sales	\$1,152,768	\$27,159	\$1,124,321
11	1220	-01 Other Income		\$0	
12	-	Non-Operating Income	\$158,095	\$0	\$142,113
13	1300	-01 Interest Income	\$95,000	\$0	\$75,000
14	1310	-01 Sierra HOPE Lease Agreement	\$16,791	\$0	\$19,380
15	1310	-02 Crown Castle MFB Tower Lease Agreement	\$25,061	\$0	\$25,900
16	1310	-03 Hunter Reservoir Rental House	\$12,854	\$0	\$13,497
17	1310	-04 Cal.Net MFB Tower Lease Agreement	\$3,189	\$0	\$3,336
18	1340	-01 COA Sierra Hydrographics Pass Through	\$5,200	\$0	\$5,000
19	1340	-02 Other Income		\$0	
20	-	Reserves Transfers In	\$488,508	\$4,620	\$260,000
21	1350	-01 FERC Relicensing / Exemption Reserve	\$190,880	\$0	\$230,000
22	1350	-02 Operating Reserve	\$243,660	\$0	
23	1350	-03 FERC Five Year Plan Reserve	\$7,980	\$4,620	\$10,000
24	1350	-04 FERC 10 Year Plan Reserve	\$0	\$0	\$20,000
25	1350	-05 Budget Balancing Reserve	\$45,988	\$0	
26				\$0	
27	-	Grant Funding	\$396,377	\$1,165	\$975,458
28	1400	-01 Hunter Reservoir Fuels Reduction Project	\$340,000	\$0	\$950,000
29	1400	-02 Lower Utica Canal Wastegates and Gaging Stations Project	\$56,377	\$1,165	\$25,458
30	1400	-03 Darby Apple Fuels Reduction Project	\$0	\$0	
31	1400	-04 Utica Community Water Supply Resiliency Project	\$0	\$0	
32	1400	-05 Utica Wooden Flume Mitigation Project	\$0	\$0	
33	-	Disaster Relief Reimbursements	\$0	\$0	\$0

GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget
34	1500	-01 FEMA 75% (New Year's Storm)	\$0	\$0	
35	1500	-02 Cal OES 75% of 25% Remainder (New Year's Storm)	\$0	\$0	
36					
37		<b>Expenditures</b>	<b>\$3,907,474</b>	<b>-\$32,495</b>	<b>\$4,098,097</b>
38		Wages	\$1,198,158	-\$30,986	\$1,289,132
39		Wages - Power	\$288,988	-\$2,000	\$303,597
40	3101	-01 Operations and Maintenance Superintendent	\$108,680	\$0	\$114,739
41	3101	-02 Hydroelectric Operator	\$69,680	\$0	\$74,838
42	3101	-03 Hydroelectric Technician	\$75,439	\$0	\$81,207
43	3101	-04 On-Call	\$16,400	\$0	\$16,400
44	3101	-05 Management Leave	\$3,789	\$0	\$4,413
45	3101	-10 Overtime	\$10,000	\$3,000	\$12,000
46	3101	-11 One-Time Bonus	\$5,000	-\$5,000	\$0
47		Burden - Power	\$38,380	-\$3,123	\$39,946
48	3102	-01 Social Security, Medicare, State Unemployment Ins.	\$23,410	-\$153	\$24,527
49	3102	-03 Workers' Comp	\$14,970	-\$2,970	\$15,419
50		Benefits - Power	\$107,953	-\$5,000	\$113,013
51	3103	-01 Health Insurance - SDRMA	\$66,500	\$0	\$70,081
52	3103	-02 Health Reimbursement Account - EDIS	\$10,000	-\$5,000	\$10,000
53	3103	-03 Dental / Vision / Chiro / Life Insurance - Choice Builder	\$4,500	\$0	\$3,550
54	3103	-04 CalPERS Pension	\$19,492	\$0	\$21,311
55	3103	-06 CalPERS Pension Unfunded Liability	\$7,461	\$0	\$8,072
56		Wages - Water	\$513,183	-\$13,267	\$539,689
57	3201	-01 Water Conveyance Supervisor	\$93,704	\$0	\$98,928
58	3201	-02 Senior Water Conveyance Operator	\$75,026	\$2,974	\$80,789
59	3201	-03 General Manager	\$140,187	\$0	\$140,187
60	3201	-04 Administrative Technician	\$39,080	-\$4,913	\$56,063
61	3201	-05 Administrative Specialist	\$54,434	\$2,566	\$60,367
62	3201	-06 Conveyance, Compliance Specialist	\$60,091	\$0	\$63,441
63	3201	-09 IT Administrator	\$32,395	-\$13,395	\$26,110
64	3201	-10 Overtime	\$10,000	-\$500	\$10,000
65	3201	-11 Conveyance Manager Management Leave	\$3,267	\$0	\$3,804
66	3201	-12 Admin Manager Management Leave	\$0	\$0	
67	3201	-13 One-Time Bonus	\$5,000	\$0	
68		Burden - Water	\$64,269	-\$1,586	\$66,956
69	3202	-01 Social Security, Medicare, State Unemployment Ins.	\$42,296	-\$1,015	\$44,324

GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget
70	3202	-03 Workers Comp - Ops, GM, and office staff	\$21,973	-\$571	\$22,632
71	-	Benefits - Water	\$185,385	-\$6,010	\$225,930
72	3203	-01 Health Insurance - SDRMA	\$114,183	\$0	\$151,479
73	3203	-02 Health Reimbursement Account - EDIS	\$15,000	-\$3,000	\$15,000
74	3203	-03 Dental / Vision / Chiro / Life Insurance - Choice Builder	\$7,000	\$0	\$5,956
75	3203	-04 CalPERS Pension	\$38,010	-\$3,010	\$41,387
76	3203	-06 CalPERS Pension Unfunded Liability	\$11,192	-\$0	\$12,107
77				\$0	
78	-	<b>Services and Supplies</b>	<b>\$1,072,040</b>	<b>-\$24,394</b>	<b>\$974,165</b>
79	-	Maintenance and Repairs	\$363,160	-\$11,917	\$268,860
80	4100	-01 Road Maintenance	\$248,660	\$0	\$5,150
81	4100	-02 Flume Maintenance	\$0	\$0	\$100,000
82	4100	-04 Canal Maintenance		\$0	\$35,000
83	4100	-05 Property Maintenance	\$8,000	\$0	\$5,150
84	4100	-06 Fuel for Vehicles and Equipment	\$25,000	-\$2,000	\$23,000
85	4100	-07 Maintenance for Vehicles and Equipment	\$7,000	\$0	\$7,210
86	4100	-08 Temporary Labor	\$25,000	-\$6,000	\$15,000
87	4100	-09 Powerhouses Maintenance and Supplies	\$12,000	\$0	\$12,500
88	4100	-10 Gaging Station Maintenance	\$4,500	\$341	\$8,000
89	4100	-11 Misc. Supplies and Repairs	\$10,500	\$0	\$10,850
90	4100	-12 FERC / DSOD Mandated Dam, Spillway, System Maintenance	\$10,500	\$696	\$35,000
91	4100	-15 Owner's Dam Safety Plan Audit - Mandated Actions	\$10,000	-\$4,954	\$10,000
92	4100	-16 Irrigation Maintenance	2,000	\$0	\$2,000
93	-	Misc. Services and Supplies	\$20,300	-\$200	\$17,650
94	4110	-01 Office Services, Supplies, Equipment, Misc.	\$10,500	\$0	\$10,850
95	4110	-02 Employee Uniforms, Boots, PPE	\$8,000	\$0	\$5,000
96	4110	-04 Headquarters Cleaning	\$1,800	-\$200	\$1,800
97	-	Leases and Subscriptions	\$13,640	\$1,000	\$13,698
98	4120	-02 Sierra Pacific Industries Lease for S66 Gaging Station on Mill Creek	\$250	\$0	\$250
99	4120	-03 Toshiba Copier Lease	\$3,090	\$0	\$2,148
100	4120	-04 Software Subscriptions	\$7,500	\$1,000	\$8,500
101	4120	-06 Wylderidge Tower Lease from NCPA	\$2,800	\$0	\$2,800
102	-	Property and Liability Insurance	\$87,221	\$0	\$101,453
103	4200	-01 ACWA / JPIA Auto and General Liability	\$34,203	\$0	\$33,800
104	4200	-02 ACWA / JPIA Property Insurance	\$53,018	\$0	\$66,665
105	4200	-03 ACWA / JPIA Cyber Liability		\$0	\$988

	GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget
106	-		Memberships	\$15,065	\$577	\$16,327
107	4300	-01	Association of California Water Agencies	\$11,500	\$430	\$12,290
108	4300	-02	Tuolumne-Stanislaus Integrated Regional Water Management WAC	\$200	\$0	\$220
109	4300	-03	Mountain Counties Water Resources Association	\$1,300	\$29	\$1,500
110	4300	-04	Calaveras Historical Society	\$50	\$0	\$50
111	4300	-05	California Special District Association	\$1,635	\$80	\$1,835
112	4300	-06	Amazon Prime	\$180	\$13	\$207
113	4300	-07	Farm Bureau - Calaveras Chapter	\$150	\$0	\$150
114	4300	-08	Murphys Community Park Association	\$50	\$25	\$75
115	-		Professional Services	\$383,081	-\$11,111	\$365,450
116	4400	-01	Consulting Services	\$23,551	\$1,449	\$15,000
117	4400	-03	Chief Dam Safety Engineer	\$15,000	\$0	\$16,500
118	4400	-05	Murphys and Angels Powerhouse Inspection Reports	\$10,000	-\$2,000	\$10,000
119	4400	-07	SCADA and PLC Programming	\$8,000	-\$2,000	\$8,000
120	4400	-08	Accounting / Bookkeeping Services	\$1,500	\$1,000	\$2,700
121	4400	-09	Annual Audit	\$8,500	\$1,500	\$9,000
122	4400	-10	General Legal Counsel	\$10,000	\$3,000	\$10,000
123	4400	-11	FERC Legal Counsel	\$30,000	\$0	\$30,000
124	4400	-12	FERC Exemption General Services	\$50,000	\$0	\$50,000
125	4400	-14	Dam Surveyor Per FERC Requirements	\$0	\$0	
126	4400	-16	FERC Planning Consultant	\$130,880	\$0	\$150,000
127	4400	-17	Part 12 FERC Inspection	\$0	\$0	
128	4400	-20	Hydrology Analysis Services	\$30,000	-\$5,000	\$24,750
129	4400	-21	Community Education / Outreach	\$15,000	\$0	\$5,000
130	4400	-24	Grant Writing and Project Management	\$15,500	-\$500	\$10,000
131	4400	-28	Website Maintenance and Support	\$1,650	-\$750	\$1,000
132	4400	-29	GIS Mapping	\$15,000	-\$7,000	\$5,000
133	4400	-30	Computerized Maintenance Management System	\$0	\$0	\$0
134	4400	-31	Recruitment	\$1,000	-\$500	\$1,000
135	4400	-32	Water Rights Protection & Reporting	\$0	\$0	\$0
136	4400	-33	Human Resources Consultant	\$1,500	-\$300	\$1,500
137	4400	-34	Revenue Meter Maintenance - CAISO	\$6,000	-\$10	\$6,000
138	4400	-35	IT Outside Services	\$10,000	\$0	\$10,000
139	-		Governmental / Other Fees	\$93,779	-\$3,035	\$97,870
140	4500	-02	FERC Annual Admin and Land Charge	\$10,800	-\$2,800	\$11,000
141	4500	-03	Department of Water Resources Dam Fees	\$69,010	\$1,234	\$73,000
142	4500	-04	WREGIS Annual Fee (Delete)	\$151	-\$76	

	GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget
143	4500	-05	Powersoft Billing Software (MPH & APH)	\$500	\$0	
144	4500	-06	County Taxes (Booster and Hunters)	\$265	\$127	\$400
145	4500	-07	USA North 811 Annual Fee	\$300	\$0	\$300
146	4500	-08	County Environmental Health Hazerdous Waste	\$250	-\$250	\$250
147	4500	-09	California Department of Tax and Fee Admin for State Water Rights	\$2,853	-\$570	\$2,500
148	4500	-11	United States Geological Service Fees	\$9,000	-\$200	\$9,270
149	4500	-12	Bank Charges	\$650	-\$500	\$150
150	4500	-13	Miscellaneous Fees and Expenses	\$0	\$0	\$1,000
151	-		<b>Communications</b>	<b>\$24,560</b>	<b>\$3,993</b>	<b>\$26,387</b>
152	4600	-01	Comcast	\$9,785	\$0	\$8,500
153	4600	-04	Verizon	\$9,500	\$3,293	\$11,000
154	4600	-05	Columbia Communications	\$975	\$0	\$975
155	4600	-06	Cal.Net	\$2,800	\$0	\$2,912
156	4600	-12	Starlink	\$1,500	\$700	\$3,000
157	-		<b>Utilities</b>	<b>\$37,234</b>	<b>-\$2,401</b>	<b>\$38,970</b>
158	4700	-01	Calaveras Public Power Agency	\$13,000	-\$1,500	\$12,000
159	4700	-02	PG&E	\$12,500	\$0	\$15,000
160	4700	-04	UPUD Water Service	\$1,100	-\$200	\$1,000
161	4700	-05	City of Angels Water & Sewer Service	\$4,500	\$300	\$4,800
162	4700	-06	CCWD Water Service	\$0	\$0	
163	4700	-07	Cal Waste Garbage	\$2,600	\$0	\$2,670
164	4700	-08	Mountain Oasis Bottled Water	\$1,034	\$0	\$1,000
165	4700	-09	Ebbetts Pass Gas Propane	\$2,500	-\$1,001	\$2,500
166	-		<b>Travel and Training</b>	<b>\$24,000</b>	<b>-\$1,300</b>	<b>\$17,200</b>
167	4800	-01	Travel and Training	\$23,000	-\$1,000	\$16,000
168	4800	-03	Mileage Reimbursement	\$1,000	-\$300	\$1,200
169	-		<b>Information / Technology</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$10,300</b>
170	4900	-02	Computers, Software, Hardware, and Equipment	\$10,000	\$0	\$10,300
171					\$0	
172	-		<b>Capital Improvements</b>	<b>\$688,267</b>	<b>-\$5,116</b>	<b>\$410,000</b>
173	-		<b>Powerhouses</b>	<b>\$257,981</b>	<b>\$13</b>	<b>\$230,000</b>
174	-		<b>Murphys Powerhouse</b>	<b>\$257,981</b>	<b>\$13</b>	<b>\$230,000</b>
175	5000	-01	Murphys Powerhouse Relay Protection Upgrade	\$0	\$0	\$50,000
176	5000	-02	Jet Control Replacement	\$0	\$0	
177	5000	-04	Feasibility and Facility Assessments	\$0	\$0	
178	5000	-05	Murphys Governor Retrofit	\$230,000	\$0	\$0

GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget	
179	5000	-06	Replace APH Panel and Wiring	\$0	\$0	
180	5000	-07	APH DC/AC Invertor Upgrade	\$0	\$0	
181	5000	-08	APH Deflector Valve and Hydraulic Control Replacement	\$0	\$0	
182	5000	-09	MPH Replace MPH 17 kV Generator Reclosure Breaker	\$13,953	\$15	
183	5000	-10	MPH Replace MPH 17 kV Line Breaker	\$14,028	-\$1	
184	5000	-11	MPH Backup Transformer	0	\$0	\$150,000
185	5000	-12	MPH Static Exciter	0	\$0	\$30,000
186			Angels Powerhouse	\$0	\$0	\$0
187	-		Water Conveyance	\$345,286	-\$1,129	\$145,000
188	5100	-01	Flume Maintenance	\$150,000	\$871	
189	5100	-02	Feasibility and Facility Assessments	\$0	\$0	
190	5100	-03	Canal Repairs and Improvements	\$30,286	\$0	
191	5100	-04	Sediment Removal from Reservoirs	\$0	\$0	
192	5100	-05	Remote Control of MFB Gates S57	\$0	\$0	
193	5100	-06	Trash Rack Upgrades and Replacements (AFB / MFB)	\$135,000	\$0	\$135,000
194	5100	-07	Dam and Spillway Improvements	\$20,000	-\$2,000	\$0
195	5100	-08	Angels Penstock Repairs / Replacement	\$0	\$0	
196	5100	-09	Build New Weirs at Mill Creek and French Gulch Drainage	\$0	\$0	
197	5100	-10	New Gaging Stations at end of each of Angels Canals	\$10,000	\$0	\$10,000
198	-		General Projects	\$85,000	-\$4,000	\$35,000
199	5200	-01	Remote Facilities / Automation Upgrades	0	\$0	
200	5200	-02	SCADA and PLC Upgrades	0	\$0	
201	5200	-03	General Facilities	\$35,000	\$0	\$20,000
202	5200	-04	Feasibility Assessments	\$50,000	-\$4,000	\$15,000
203					\$0	
204	-		<b>Capital Outlay</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$21,000</b>
205	- 6000		Vehicles	55,000	\$0	\$0
206	6000	-01	Vehicle Purchase / Replacement	\$55,000	\$0	\$0
207	- 6100		Equipment and Materials	\$30,000	\$0	\$21,000
208	6100	-01	Light Equipment and Attachments		\$0	
209	6100	-02	Equipment and Attachments	\$20,000	\$0	\$10,000
210	6100	-03	Irrigation Meters	\$0	\$0	
211	6100	-04	Tools and Equipment	\$10,000	\$0	\$11,000
212					\$0	
213	-		<b>Reserves</b>	<b>\$453,800</b>	<b>-\$12,000</b>	<b>\$403,800</b>
214	-		FERC Relicensing / Exemption Reserve	\$350,000	\$0	\$300,000

GL	Sub GL	Description	FY 23-24: Adopted Budget	Projected Carryover	FY 24-25: Draft Budget
215	7000	-01 FERC Relicensing / Exemption	\$350,000	\$0	\$300,000
216	-	Operating Reserve	\$30,000	\$0	\$30,000
217	7200	-01 Operating Reserve	\$30,000	\$0	\$30,000
218	7200	-02 Meter Replacements and Repairs (Combine into 7200-02)		\$0	
219	-	FERC Five Year Plan Reserve Fund	\$61,800	\$0	\$61,800
220	7400	-01 Five Year / Emergency Action Plan Re-write	\$1,200	\$0	\$1,200
221	7400	-02 Five Year / Tabletop Functional	\$1,800	\$0	\$1,800
222	7400	-03 Part 12 Inspection and Potential Failure Mode Analysis	\$30,000	\$0	\$30,000
223	7400	-04 Supporting Technical Information Documents	\$16,300	\$0	\$16,300
224	7400	-05 Security Plan Rewrite	\$900	\$0	\$900
225	7400	-06 Environmental and Public Use Inspection	\$4,800	\$0	\$4,800
226	7400	-07 Dam Safety and Surveillance Monitoring Plans	\$1,800	\$0	\$1,800
227	7400	-08 Owners Dam Safety Plan and External Audit	\$5,000	\$0	\$5,000
228	-	FERC 10 Year Plan Reserve Fund	\$12,000	-\$12,000	\$12,000
229	7500	-01 Murphys Afterbay Low Level Outlet ROV Inspection	\$3,000	-\$3,000	\$3,000
230	7500	-02 Murphys Afterbay Radial Gate Inspection	\$3,000	-\$3,000	\$3,000
231	7500	-03 Murphys Powerhouse Penstock ROV Inspection	\$6,000	-\$6,000	\$6,000
232	7500	-04 Angels Powerhouse Penstock ROV Inspection	\$0	\$0	
233	-	JPA Member Contribution Reserve Fund	\$0	\$0	\$0
234	7600	-01 COA Contributions	\$0	\$0	
235	7600	-02 UPUD Contributions	\$0	\$0	
236	7600	-03 Utica Contributions	\$0	\$0	
237	7600	-04 GEP Penalties	\$0	\$0	
238					
239	-	<b>Grant Project Expenditures</b>	<b>\$410,209</b>	<b>\$40,000</b>	<b>\$1,000,000</b>
240	8000	-01 Community Power Resiliency	\$0		
241	8000	-02 Stephens Tower	\$0		
242	8000	-03 Hunter Reservoir Fuels Reduction Project	\$300,000	\$40,000	\$950,000
243	8000	-04 Community Water Supply Resiliency Project	\$0		
244	8000	-05 CPPA Energy Efficiency	\$0		
245	8000	-06 Local Hazard Mitigation Plan	\$0		
246	8000	-07 Darby Apple Fuels Reduction Project	\$0		
247	8000	-08 Lower Utica Canal Wastegates and Gaging Stations Project	\$110,209		\$50,000
248	8000	-09 Sierra Nevada Conservancy	\$0		
249					

<b>2024 Projected FERC Compliance Costs</b>	
Item	Costs
Annual ODSP	\$7,500
Annual DSSMR	\$7,500
Annual EAP Functional	\$10,000
EAP Rewrite	\$10,000
Annual Dam Upkeep Costs	\$20,000
<b>Total:</b>	<b>\$55,000.00</b>

<b>2025 Projected FERC Compliance Costs</b>	
Item	Costs
ODSP Rewrite (5 Year)	\$10,000
Annual DSSMR	\$7,500
Annual EAP Functional	\$2,500
Security Plan Rewrite	\$10,000
Hunters Concrete Testing	\$200,000
Updating Inundation Maps (4 Dams every 10 years)	\$100,000
Slope Stability Assessment (5 Year)	\$10,000
Annual Dam Upkeep Costs	\$20,000
<b>Total:</b>	<b>\$360,000.00</b>

<b>2026 Projected FERC Compliance Costs</b>	
Item	Costs
Annual ODSP	\$7,500
Annual DSSMR	\$7,500
Annual EAP Functional	\$2,500
Annual Dam Upkeep Costs	\$20,000
Hunters Stability Analysis Update	\$200,000
<b>Total:</b>	<b>\$237,500.00</b>

<b>2027 Projected FERC Compliance Costs</b>	
Item	Costs
Annual ODSP	\$7,500
Annual DSSMR	\$7,500
Annual EAP Functional	\$2,500
Security Plan Rewrite	\$10,000
Part 12 Review	\$300,000
Hunters/MAB STID Review and Update	\$40,000
Hunters Seismicity Updates	\$25,000
MAB Seismicity Updates	\$25,000
Dam Survey Monuments (5 Year for 4 dams)	\$10,000
Murphys Penstock ROV Inspection (10 Year)	\$25,000
Angels Penstock ROV Inspection (10 Year)	\$25,000

MAB Flood Study Updates	\$100,000
<b>Total:</b>	<b>\$577,500.00</b>

<b>2028 Projected FERC Compliance Costs</b>	
Item	Costs
Annual ODSP	\$7,500
Annual DSSMR	\$7,500
Annual EAP Functional	\$2,500
Annual Dam Upkeep Costs	\$20,000
Begin FERC Relicensing	\$200,000
<b>Total:</b>	<b>\$237,500.00</b>

<b>2029 Projected FERC Compliance Costs</b>	
Item	Costs
Annual ODSP	\$7,500
Annual DSSMR	\$7,500
EAP 5 Year Functional	\$10,000
EAP Rewrite (5 Year)	\$10,000
Annual Dam Upkeep Costs	\$20,000
FERC Relicensing	\$250,000
<b>Total:</b>	<b>\$305,000.00</b>



# UTICA WATER AND POWER AUTHORITY

## Resolution No. 22-11

### A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UTICA WATER AND POWER AUTHORITY ADOPTING THE REVISED UTICA RESERVE POLICY

**WHEREAS**, the Utica Water and Power Authority (Utica) Board of Directors adopted a Reserve Policy on June 23, 2020, to establish Reserve Fund Accounts for specific anticipated costs and to maintain adequate cashflow for the successful operation of the agency; and,

**WHEREAS**, Utica dedicated to prudent management of public funds and committed to ensuring fiscal responsibility and accountability in the expenditure of Agency funds; and,

**WHEREAS**, prudent fiscal management requires public agencies to establish reserve fund accounts which can be used in the event of financial emergencies, provide for protection against economic uncertainty and fluctuating revenues, maintain sufficient cash flow to pay for short and long-term operational and capital improvement costs and to maintain the financial solvency of the agency; and

**WHEREAS**, by the adoption of the resolution in 2020, the Board of Directors established five separate *Reserve Funds* consisting of an *Emergency Reserve*, *Operating Reserve*, *Capital Reserve*, *FERC Reserve*, and a *FERC/Dam Safety 5-year and 10-year Plan Reserve*; and

**WHEREAS**, as a cost-saving measure, the Utica Board wishes to reduce reserve contributions in three of the reserve accounts it created in 2020; and

**WHEREAS**, by the adoption of this resolution the Board of Directors shall eliminate the *Emergency Reserve* and *Capital Reserve* accounts and consolidate any funding therein into the *Operating Reserve*; and

**WHEREAS**, no changes will be made to the *FERC Reserve*, *FERC/Dam Safety 5-Year and 10-Year Plan Reserve* accounts or contribution schedules; and

**WHEREAS**, the Board of Directors shall retain control over the circumstance under which the *Operating Reserve*, *FERC Reserve*, and the *FERC/Dam Safety 5-year and 10-year Plan Reserve* can be used.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors does hereby amend the Reserve Policy to eliminate the *Emergency Reserve* and *Capital Reserve*, and consolidate all funds in those accounts into the *Operating Reserve*, and all reserve accounts will be funded per the schedule set forth below.

**BE IT FURTHER RESOLVED** that the Board of Directors of the UWPA does hereby determine and establish the following policies regarding reserve funds:

1. The establishment and purpose of the UWPA Reserve Funds shall be as follows:

#### Operating Reserve

An unrestricted fund balance set aside to stabilize UWPA finances by providing a cushion against unexpected events, losses of income, and large unbudgeted expenses, as well as for working capital and cash flow while awaiting revenues, reimbursements and/or grant funding. In addition, the Operating Reserve shall maintain any “over payments” made by the member agencies based on water year types during Fiscal Years 2020-21 and 2021-22. The Operating Reserve shall not be used to cover a long-term or permanent income shortfall, but shall only be used to address temporary, non-structural financial issues.

Operating Reserve funds are also intended to be used for Capital Projects and Emergencies per the guidelines set forth below:

Emergencies: Funds may be used in emergency situations involving a major facility or equipment failure, to provide resources to meet emergency expenditures in the case of flood, fire, drought or other natural disaster and/or the sudden loss of a major revenue source(s) resulting in a fifteen percent (15%) or more decline in annual UWPA revenues. Use of these funds during the fiscal year shall require a Board of Directors’ declared emergency.

Capital: Funds may be used to pay for unanticipated costs and/or cost overruns associated with the study, construction, re-construction, repair, replacement and/or upgrade of capital facilities costing \$50,000 or more, and/or the purchase of equipment and/or vehicles costing \$5,000 or more in any one fiscal year.

#### FERC Reserve

A restricted fund balance set aside to pay for anticipated costs for studies, environmental analysis, consulting fees, legal fees and such other expenses associated with activities to renew the Federal Energy Regulatory Commission (FERC) power generation license and/or to seek an exemption to licensing or other associated costs regarding the continued use or conversion of UWPA’s power facilities.

#### FERC/Dam Safety 5-year and 10-year Plan Reserve

A restricted fund balance set aside to pay for the anticipated cost of preparing various reports, plans, assessments and/or other documents that are required on a periodic basis to maintain compliance with the Federal Energy Regulatory Commission and/or California Department of Dam Safety and/or such other regulatory agency requirements.

2. Per recommendations from the *Independent Auditor's Report and Financial Statements for the Fiscal Year Ending June 30, 2019* as the base year, this policy hereby establishes a goal for accumulating and maintaining "target" thresholds as follows:

Operating Reserve – 15% of total *Operating Budget Expenses* exclusive of depreciation plus any *Debt Service*, or \$30,000 per year beginning in Fiscal Year 2022-23 until the accumulated total reaches 15% of *Operating Budget Expenses* exclusive of depreciation plus any *Debt Service*, or \$275,000.

FERC Reserve

Establish a \$3,150,000 Reserve over ten years as follows:

- 2022 - 23 FY: \$275,000
- 2023 - 24 FY: \$350,000
- 2024 - 25 FY thru the 2028 - 29 FY: \$400,000 each fiscal year

FERC/Dam Safety 5-year and 10-year Reserve

Establish a Reserve in an amount determined during the annual fiscal year budget process that will have sufficient funds to conduct the required activities in the fiscal year the activity is required.

3. Should the fund balance of the any of the reserve funds fall below the target, the General Manager shall prepare a plan for consideration by the UWPA Board of Directors to implement actions within a reasonable time period to rebuild the fund balance(s).
4. With the exception of allocating funds during the adoption of the annual budget, a four-fifths (4/5) vote of the Board of Directors is required for any appropriation and expenditure of funds from the Operating Reserve, FERC Reserve, or the FERC/Dam Safety 5-year and 10-year Reserve during the Fiscal Year for reasons other than there intended purpose.
5. Interest/Investment Returns accrued from each of these *Reserve Funds* shall remain in the corresponding fund until such time as they are fully funded in accordance with Section 2 above. Once fully funded the Interest/Investment Returns accrued shall be used to support the general UWPA operating budget with the exception of the *FERC Reserve* which shall continue to accumulate interest for the purposes intended.
6. The General Manager shall provide an update during discussions of the annual fiscal year budget on the status of each of the reserve accounts and as necessary during the fiscal year to keep the Board of Directors up to date on the status of the reserves. Based on the annual review the Board of Directors by majority vote modify the targeted amounts in each reserve category.

**ON A MOTION** by Director Broglia, and seconded by Director Conrado, the foregoing resolution was duly passed and adopted by the Board of Directors of the Utica Water and Power Authority, on the 24th of May, 2022, by the following vote:

AYES: Directors Chick, Broglia, Davis-Herndon, Rasmussen, Conrado  
NOES: None  
ABSTAIN: None  
ABSENT: None

*Ralph Chick*

---

Ralph Chick, Board Chair

*Lori Karnes*

---

Lori Karnes, Clerk to the Board

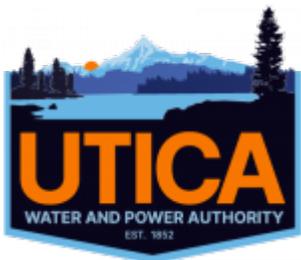
# UTICA 2022-2032 CAPITAL IMPROVEMENT PLAN

## PROJECTS

WATER CONVEYANCE	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Five Year Total	FY 2027-28	FY 2028-29	FY 2029-30	FY 2030-31	FY 2031-32	TOTAL
FLUME IMPROVEMENTS	\$ 160,000	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000		\$ 100,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 1,010,000
CANAL IMPROVEMENTS	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 250,000
DAM & SPILLWAY IMPROVEMENTS	\$ 15,000	\$ 20,000	\$ 35,000	\$ 15,000	\$ 15,000		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 175,000
MURPHYS TRASH RAKE	\$ -	\$ 135,000	\$ 150,000	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 285,000
S-66 / FRENCH GULCH WEIRS	\$ -	\$ 10,000	\$ -	\$ -	\$ -		\$ -	\$ 25,000	\$ 75,000	\$ -	\$ -	\$ 110,000
ANGELS PENSTOCK REPLACEMENT	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 800,000
RESERVOIR SEDIMENT REMOVAL	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 125,000	\$ 125,000	\$ 300,000	\$ 300,000	\$ 850,000
GAGING STATIONS	\$ -	\$ 10,000	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
<b>AUTOMATED WASTEGATES AND CROSSGATES</b>		\$ 80,000	\$ 100,000	\$ 100,000	(Partially grant							
<b>COMMUNITY WATER SUPPLY RESILIENCY SCOPING PROJECT</b>			\$ 1,000,000.00		(Dependent on							
	\$ 200,000	\$ 430,000	\$ 1,410,000	\$ 240,000	\$ 140,000							
<b>GENERAL PROJECTS</b>												
FEASIBILITY ASSESSMENTS & PLANNING	\$ 65,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 215,000
GENERAL FACILITIES	\$ 32,500	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 222,500
						Five Year Total						
<b>GENERAL TOTAL:</b>	\$ 97,500	\$ 85,000	\$ 60,000	\$ 60,000	\$ 60,000							
<b>POWER GENERATION</b>												
MPH Jet Controller Upgrade	\$ 5,000											\$ 5,000
Murphys Powerhouse Relay Protection	\$ 45,000	\$ -	\$ 200,000									\$ 245,000
APH DC/AC INVERTOR UPGRADE	\$ 5,000	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000
APH DEFLECTOR CONTROL REPLACEMENT			\$ 15,000									\$ 15,000
MURPHYS GOVERNOR RETROFIT	\$ 70,000	\$ 230,000					\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
MPH 17 KV GENERATOR RECLOSURE BREAKER	\$ 45,000	\$ 12,500	\$ -				\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,500
MPH 17 KV LINE BREAKER	\$ 45,000	\$ 12,500	\$ -				\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,500
MPH BACKUP TRANSFORMER			\$ 150,000	\$ 150,000	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
MPH STATIC EXCITER	\$ -	\$ -	\$ -	\$ -	\$ 60,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
MPH COOLING WATER LINES	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ 45,000	\$ 45,000	\$ 45,000	\$ 135,000
						Five Year Total						
<b>POWER GENERATION TOTAL:</b>	\$ 215,000	\$ 255,000	\$ 365,000	\$ 150,000	\$ 60,000	\$ 1,045,000	\$ -	\$ -	\$ 45,000	\$ 45,000	\$ 45,000	\$ 1,180,000
<b>FUTURE</b>												
MPH GENERATOR REWIND	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 400,000
APH GENERATOR REWIND	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
APH BACKUP TRANSFORMER										\$ 300,000	\$ 300,000	\$ 300,000
<b>FUTURE TOTAL:</b>	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 200,000	\$ 600,000	\$ 800,000
						Five Year Total						Ten Year Total
<b>GRAND TOTAL:</b>	\$ 512,500	\$ 770,000	\$ 1,835,000	\$ 450,000	\$ 260,000	\$ 3,827,500	\$ 275,000	\$ 375,000	\$ 570,000	\$ 870,000	\$ 1,270,000	\$ 7,187,500



# Utica Water and Power Authority Financial Plan



04/18/2024



# Agenda

- A** Study Overview
- B** Model Development
- C** Scenario Results
- D** Conclusions



# A Study Overview



# Study Purpose

- When a budget deficit exists, Utica Water and Power Authority requests annual funding from:
  - City of Angels (COA)
  - Union Public Utility District (UPUD)
- Funding is intended to supplement Utica revenue due to yearly variability of hydropower revenue
- Purpose of the Financial Analysis was to model revenue based on years with variable precipitation, “Water Years” over next 5 years
- Results of the model show a projection of necessary funding contributions from COA and UPUD based on projected operating and capital expenses and Board reserve policies



# B Model Development



# Model Development

- Starting point for model inputs included:
  - FY 2023/2024 Utica adopted budget
  - Board-adopted capital improvement plan
  - Board-adopted reserve policies
  - Revenue projections based on Water Years 1-6 (average of 2.5)
- Revenue projections focuses on the next five-year period (FY 24/25 – 28/29)
  - Hydro revenues are flat based on existing contracts
  - Water Year 1, for FY 23/24 and FY 24/25, WY 2.5 for remaining years
  - FY 23/24 includes \$360,000 of carry over revenue which minimizes JPA contribution
- O&M escalated project operating expenses through study period
  - Averages 3.5% annually for five-year projections
    - Excluding grant funding and related expenses



# Model Components

- Contribution calculation based on funding need after operating and capital expenses
  - Reflects adopted budget and capital plan
  - Projected revenues and expenses
  - Reserve policies (contribution to reserves)
  - Additional Funding Needed = Total Revenue – Total Expenses (Operating+ CIP)
- Revenue requirement
  - Sum of yearly revenue (without JPA contribution) for projected years
  - Total expenses
  - Required reserve funding
  - Yearly capital improvement projects costs



# Utica Capital Improvement Plan Maintenance Items Moved to O&M

Fiscal Year	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29
<b>Murphys Trash Rake</b>	\$150,000	\$0	\$0	\$0	\$0
<b>5-66 / French Gulch Weirs</b>	0	0	0	0	25,000
<b>Angels Penstock Replacement</b>	0	0	0	100,000	100,000
<b>Reservoir Sediment Removal</b>	0	0	0	0	125,000
<b>Automated Wastegates/Crossgates</b>	100,000	0	0	0	0
<b>Feasibility Assessments &amp; Planning</b>	25,000	25,000	25,000	25,000	0
<b>General Facilities</b>	35,000	35,000	35,000	10,000	10,000
<b>Murphys Powerhouse Relay Prot.</b>	50,000	150,000	0	0	0
<b>MPH Deflector Control Replacement</b>	15,000	0	0	0	0
<b>MPH Backup Transformer</b>	150,000	150,000	0	0	0
<b>MPH Static Exciter</b>	0	0	60,000	0	0
<b>Total CIP</b>	<b>\$525,000</b>	<b>\$360,000</b>	<b>\$120,000</b>	<b>\$135,000</b>	<b>\$260,000</b>



# Debt

- Debt scenarios assume borrowing to fund FERC relicensing
  - Assumes \$2M in borrowing in FY 26-27
- Use of long-term borrowing is a funding source available to Utica
  - Results in annual debt service payments (principal and interest)
  - Funds need to be spent in short-term period (e.g., 3 years)
- Generally used for large, one-time projects (once in a generation) or regulatory driven improvements (e.g., treatment plant)
- Renewal and replacement projects should be rate funded (e.g., pay as you go)
- Need to issue debt at a level that is cost effective
  - Can have significant upfront costs
- Proposed CIP has limited projects that meet typical long-term debt funding criteria



# Model Scenarios

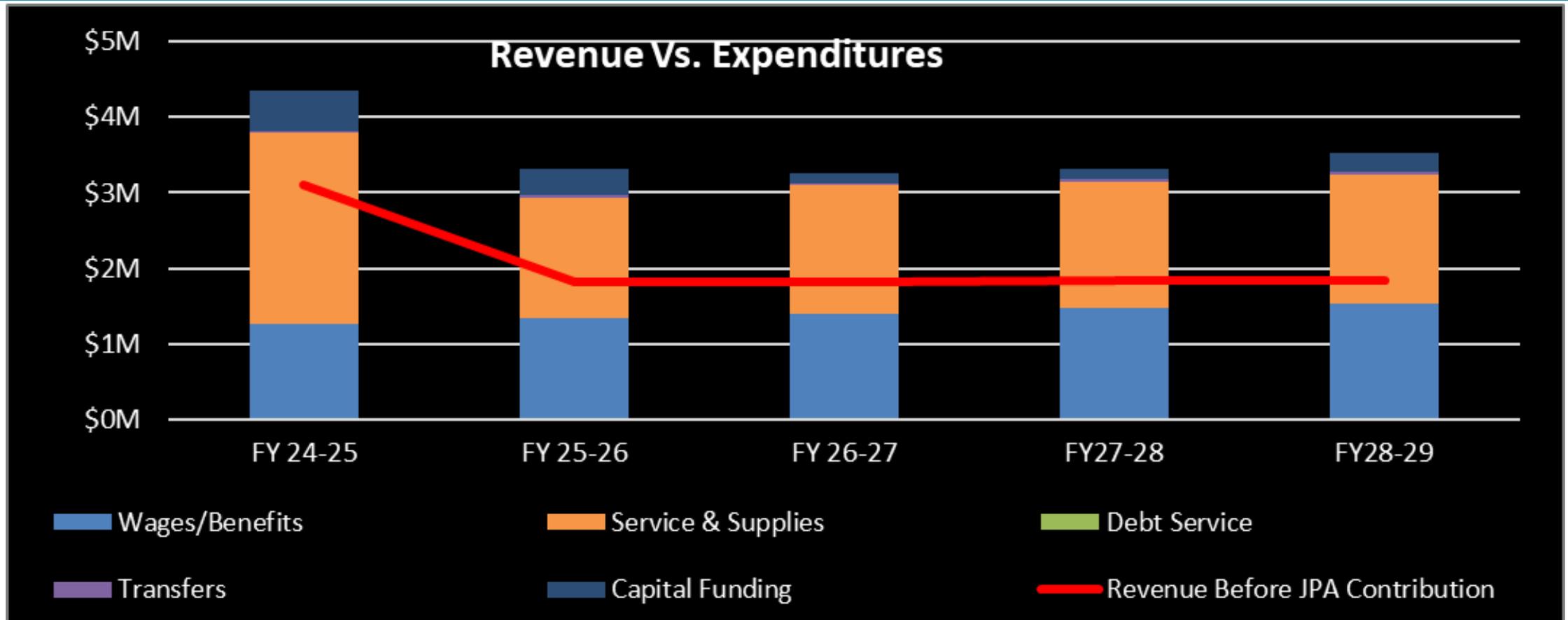
Scenarios	Description
<b>1. Water Year 2.5, FERC Cash Funded</b>	<ul style="list-style-type: none"> <li>Average water year</li> <li>\$1,460,436 in hydro revenue</li> </ul>
<b>2. Water Year 2.5, FERC Debt \$2.0M FY 26/27</b>	<ul style="list-style-type: none"> <li>Average water year</li> <li>FERC exemption/relicensing reserve contributions are debt financed</li> </ul>
<b>3. Water Year 2.5, FERC Debt \$2.0M FY 26/27, Revised CIP</b>	<ul style="list-style-type: none"> <li>Average water year</li> <li>FERC exemption relicensing debt financed</li> <li>Some capital improvement projects postponed to after FERC relicensing</li> </ul>
<b>4. Water Year 2.5, FERC Cash Funded, Revised CIP</b>	<ul style="list-style-type: none"> <li>Average water year</li> <li>Substantial capital improvement projects postponed to after FERC relicensing</li> </ul>
<b>5. Water Year 2.5, FERC Debt 2.0M FY 28/29, Revised CIP</b>	<ul style="list-style-type: none"> <li>Average water year</li> <li>FERC relicensing debt financed in FY28/29</li> </ul>
<b>6. Water Year 2.5, FERC Cash Funded</b>	<ul style="list-style-type: none"> <li>Average water year</li> </ul>



# C Results



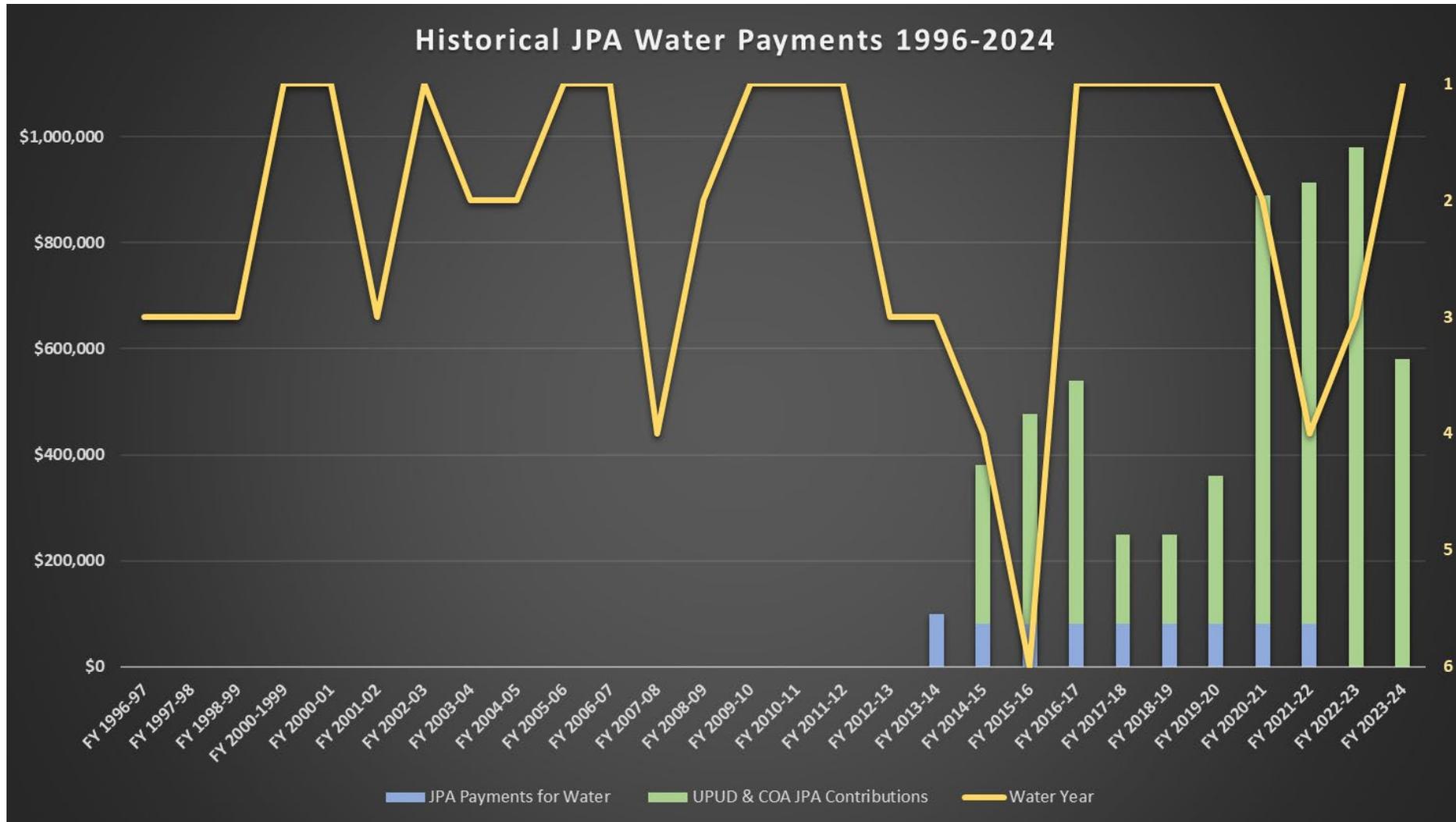
# Scenario 1 – 2.5 Water Year Revenue and Expenses

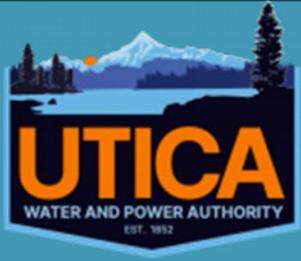


- **Revenue projection excludes JPA contribution**
- **Hydro revenue is flat as expenses increase**
- **Revenue and expenses are higher in FY 24/25 for Hunter Reservoir fuels management**



# Historical JPA Contributions





# Model Scenarios Revenue Deficiencies

Fiscal Year	23-24	24-25	25-26	26-27	27-28	28-29
<b>Scenario 1 – 2.5 Water Year (spend \$438,000 in budget balancing reserve)</b>						
Total Revenue	\$3,739	\$3,105	\$1,813	\$1,824	\$1,836	\$1,848
Total Expenses	\$3,827	\$4,342	\$3,321	\$3,248	\$3,311	\$3,531
Agency Contributions	\$580	\$1,300	\$1,352	\$1,406	\$1,462	\$1,521
Remaining Deficiency	--	\$62	(\$156)	(\$18)	(\$12)	(\$162)
Annual % Change	--	--	4.0%	4.0%	4.0%	4.0%
<b>Scenario 2 – 2.5 Water Year and FERC Relicensing Debt Funded (spend \$86,000 budget balancing reserve)</b>						
Total Revenue	\$3,739	\$3,105	\$1,813	\$1,824	\$1,836	\$1,848
Total Expenses	\$3,827	\$3,942	\$2,921	\$3,005	\$3,068	\$3,288
Agency Contributions	\$580	\$1,000	\$1,080	\$1,166	\$1,260	\$1,360
Remaining Deficiency	--	\$162	(\$28)	(\$15)	\$27	(\$80)
Annual % Change	--	--	8.0%	8.0%	8.0%	8.0%

Balance does not include current City of Angels or UPUD Revenue  
All values in \$1,000s



# Model Scenarios Revenue Deficiencies

Fiscal Year	23-24	24-25	25-26	26-27	27-28	28-29
<b>Scenario 3 – 2.5 Water Year, FERC Debt Funded, Adjusted CIP (spend \$465,000 of budget balancing reserve)</b>						
Total Revenue	\$3,739	\$3,105	\$1,813	\$1,824	\$1,836	\$1,848
Total Expenses	\$3,827	\$3,792	\$2,771	\$3,005	\$3,068	\$3,288
Agency Contributions	\$580	\$850	\$935	\$1,029	\$1,131	\$1,244
Remaining Deficiency	--	\$162	(\$23)	(\$153)	(\$101)	(\$196)
Annual % Change	--	--	10.0%	10.0%	10.0%	10.0%
<b>Scenario 4 – 2.5 Water Year and Adjusted CIP (\$505,000 BB reserve)</b>						
Total Revenue	\$3,739	\$3,105	\$1,813	\$1,824	\$1,836	\$1,848
Total Expenses	\$3,692	\$4,042	\$3,071	\$3,298	\$3,261	\$3,441
Agency Contributions	\$580	\$975	\$1,092	\$1,223	\$1,370	\$1,534
Remaining Deficiency	--	\$37	(\$166)	(\$251)	(\$55)	(\$58)
Annual % Change	--	--	12.0%	12.0%	12.0%	12.0%

Balance does not include current City of Angels or UPUD Revenue  
All values in \$1,000s



# Water Year Scenarios Revenue Deficiencies

- Absent continued increases in contributions, Utica would need to reduce costs to fund expenses under scenario assumptions
- Hydro revenues remain flat based on 20-year PG&E ReMAT contract
  - Power related O&M expenses and capital costs are projected to continue to increase due to inflation estimates
- Water year assumption drives the calculation of the contribution requirements
  - Water Year 1 FY 23-24 and FY 24-25
  - Water Year 2.5 after FY 24-25
- Without increases in JPA contributions, Utica deficit could be significant, depending on annual precipitation and hydro revenue
- Analysis goal is to develop a projection of contributions that can be used for UPUD and COA rate studies which develop a maximum rate for the period adopted



# D Conclusions



# Financial Model Takeaways

- Even with WY 1 hydro revenue estimates, Utica is projected to face budget deficits in future years
  - Challenge with adequately funding inflationary increases in annual O&M and prudently reinvest in system infrastructure and equipment
- Total revenues, hydro and contributions, must fund total operating and capital expenses on an annual basis
- Utica expenses will continue to increase with inflation
  - Power revenue contractually stays the same, while costs increase annually
- JPA member contributions need to increase to reflect:
  - Hydro revenue uncertainty and increasing operating and capital costs



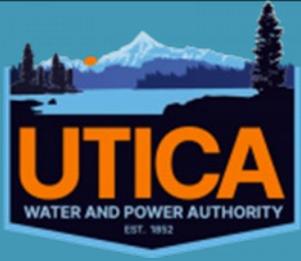
# Recommendations

- Public agencies following best practices should ensure there is adequate funding for the following:
  - Current and future operating costs to keep up with inflation
  - Adequate reinvestment in infrastructure to maintain safe and reliable service
  - Prudent reserve levels
  - Financial metrics (if debt is issued)
- While it can be difficult to increase rates in the community, it is necessary in order to manage and maintain a water supply system
- Drastically cutting expenses to avoid the need for rate increases in the short-term can be shortsighted and will have negative long-term impacts on water supply reliability and increase costs over the long-term



# Recommended Funding Scenario

- After performing the Financial Analysis, Scenario 4 is recommended
  - Advantages
    - Maintains Board reserve policy direction
    - Utilizes existing budget balancing reserve
    - Avoids long-term borrowing
  - Disadvantages
    - Shifts and spreads out capital, does defer necessary improvements



# Questions and Discussion



## RESOLUTION NO. 2024-04

### A RESOLUTION OF THE BOARD OF DIRECTORS OF THE UTICA WATER AND POWER AUTHORITY SUPPORTING THE HIGHWAY 4 REGIONAL WATER SUPPLY PARTNERSHIP

**WHEREAS**, the Utica Water and Power Authority (Utica) Board of Directors (Board) supports the Highway 4 Regional Water Supply partnership between the City of Angels, Union Public Utility District, Calaveras County Water District, and Utica; and

**WHEREAS**, the partnership aims to:

- Improve backup water supplies for the Highway 4 community
- Assess potential impacts on water supply reliability
- Explore potential water sources for each service area
- Identify ways to provide water services more efficiently; and

**WHEREAS**, the Utica Board commits to the partnership and support for conducting a Regional Water Supply Study that will evaluate existing water sources and infrastructure to identify:

- Options to connect to redundant backup water supplies
- Opportunities to optimize operations, find cost savings, and provide services more efficiently
- Identify gaps that exist in existing emergency response plans to prepare for drought, climate change, and failure of major water supply infrastructure.

**WHEREAS**, the Utica Board commits to the overarching goal of collaboration across agencies in this partnership, prioritizing the safety, protection, and cost-effectiveness of water services through this partnership.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Utica Water and Power the Utica Water and Power Authority supports the Highway 4 Regional Water Supply Partnership.

**ON A MOTION** by Director \_\_\_\_\_, and seconded by Director \_\_\_\_\_, the foregoing resolution was duly passed and adopted by the Board of Directors of the Utica Water and Power Authority on the 30th day of April 2024 by the following vote:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

---

Ralph Chick, Board Chair

ATTEST:

---

Stacie Walker, Clerk of the Board

# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024  
**To:** Joel Metzger, General Manager  
**From:** Stacie Walker, Administrative Specialist  
**Re:** Appointment of Authorized Signers for Two-Signature Checks

---

## **Recommended Action:**

Staff is recommending the Utica Board of Directors appoint one or two Board Directors as authorized signers on the Utica Water and Power Authority Bank of Stockton checking and money market accounts.

## **Summary:**

Utica Water and Power Authority pays vendors by check on a bi-weekly basis. To add a layer of oversight and to reduce risk, Utica utilizes a two-signature process for checks. Checks should be signed by the General Manager and an authorized Board Director. Currently, Director Chick is the only Director with this authorization.

## **Potential Impacts:**

The designated Board members will coordinate with the Administration Department on a bi-weekly basis to review and sign checks. The Administration Department will work to ensure the impact on the appointed Directors' schedules is minimal.

## **Financial Implications:**

None.

# UTICA WATER AND POWER AUTHORITY

---

**Date:** April 30, 2024  
**To:** Joel Metzger, General Manager  
**From:** Stacie Walker, Administrative Specialist  
**Re:** Request for Appointment of Public Communications Liaison for Emergency Action Plan Response

---

## **Recommended Action:**

Staff is recommending the appointment on additional Board member to assume the role of public communications liaison in the event of Emergency Action Plan (EAP) activation.

## **Summary:**

The purpose of an EAP is to streamline response time to keep the public safe and minimize property damage in the case of a dam emergency. Utica Water and Power Authority (Utica) conducts exercises of this plan on an annual basis to ensure the accuracy of the information and to practice staff coordination with first responders, regulatory agencies, and the public. To effectively report information to all interested parties, Utica utilizes a notification flowchart. It is recommended that two Directors share the responsibility of notifying select entities in accordance with the annually updated Utica Hydroelectric Project – Emergency Action Plan Notification Flowchart. Currently, Director Conrado is the only Director still serving the Utica Board with this responsibility. It is recommended a minimum of two Directors fill the role to ensure the call-down process is efficient and can be performed promptly.

## **Potential Impacts:**

The designated individuals will provide a 24-hour phone number where they can be reached in case of an EAP activation. Appointed Directors will coordinate with the Administration Department to receive initial training and participate in annual informational seminars and mandated periodic exercises.

## **Next Steps:**

Board members to discuss and designate Directors to fill the Public Communication role. Once appointed, the selected individuals will work with Utica's Administration Department to execute the necessary documentation and training.