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## MISSION STATEMENT

*Utica Water & Power Authority is committed:*

*to preserve and protect the water of the Sierra foothills for the vested interest of the communities in East Calaveras County by promoting collaborative efforts between its two member entities, Union Public Utility District and the City of Angels; to maintain the historical properties of the Argonauts' original ditch system while advancing efficient management and technology; to deliver water to the communities served, by using revenues generated from hydroelectric energy production; and assure the quality and quantity of this precious resource for the best beneficial public use for generations to come.*

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# UTICA WATER AND POWER AUTHORITY

## REGULAR BOARD MEETING

UWPA Office Building ~ 1168 Booster Way, Angels Camp ~ (209) 736-9419

Tuesday – April 24, 2018 – 5:30 p.m.

*(1) 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 UWPA office at (209)736-9419 or fax your request to (209)736-9110. Notification in advance of the meeting will enable UWPA to make reasonable accommodations to ensure accessibility to this meeting. (2) Any materials distributed to the Board and that relate to an agenda item are available at the UWPA office 72 hours prior to the scheduled meeting.*

## AGENDA

(prev. Res. #18-02)

### Call to Order and Pledge of Allegiance

**Item 1: Approval of Agenda**

**Item 2: Opportunity for Public Comments:**

*Limited to 5 minutes per person. Members of the public may address the board on items not agendaized. The public is encouraged to work through staff members to put items on the agenda to be considered by the Board. No action will be taken unless an item is agendaized.*

**Item 3: Consent Calendar - Approval of all items**

A. Minutes of the regular board meeting dated 3/27/18 *p. 1-5*

**Item 4: Staff Reports - Discussion only**

A. Financials 3/1/18 through 3/31/18

B. General Manager – M. Minkler

C. Administrative report – K. Rojas

D. Generation and O&M – F. Fields

E. Water Conveyance – K. Rasmussen

Board of Directors

**Greg Rasmussen**, U.P.U.D. ~ Chairman

**Scott Behiel**, City of Angels ~ Vice-Chairman

**Eric Bottomley**, U.P.U.D. ~ Secretary

**Larry Thompson**, At-Large Member

**Joseph Oliveira**, City of Angels

**Item 5:**        **Old Business - Discussion and possible action**  
A. ReMAT Update – M. Minkler

**Item 6:**        **Reports – Discussion only**  
A. Tuolumne-Stanislaus Integrated Regional Water Management Authority  
B. Calaveras Public Power Agency (CPPA)  
C. Calaveras Local Agency Formation Commission (LAFCo)  
D. Calaveras Water Work Group for the Hwy 4 Corridor  
E. U.P.U.D.  
F. City of Angels

**Item 7:**        **Staff/Directors' Comments**

**Item 8:**        **Adjourn to Closed Session**

A. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION  
Pursuant to Gov't Code Section 54956.9(d)(1): One case  
Nevada Policy Research Institute dba Transparent California v. UWPA  
Calaveras County Superior Court, Case #17CV42938

**Reconvene from Closed Session:** *Report of reportable action taken.*

**Adjourn**

**Next Meeting:**    Tuesday, May 22, 2018 – 5:30 pm - Regular Meeting

Board of Directors

**Greg Rasmussen**, U.P.U.D. ~ Chairman        **Scott Behiel**, City of Angels ~ Vice-Chairman  
**Eric Bottomley**, U.P.U.D. ~ Secretary    **Larry Thompson**, At-Large Member    **Joseph Oliveira**, City of Angels

# UTICA WATER & POWER AUTHORITY

1168 Booster Way  
Angels Camp, CA 95222

March 27, 2018  
Regular Board Meeting

The Board of Directors of the Utica Water & Power Authority met in Regular Session at the UWPA office in Angels Camp, California.

Directors present:	Greg Rasmussen, UPUD	Chairman
	Scott Behiel, COA	Vice Chairman
	Eric Bottomley, UPUD	Secretary
	Larry Thompson, Community	Director
	Joe Oliveira, COA	Director
Also present:	Michael Minkler	General Manager
	Karen Rojas	Administrative Manager
	Frank Fields	O & M Superintendent
	Kyle Rasmussen	Water Conveyance Supervisor
	Ralph Chick	UPUD
	Russ Thomas	CCWD

## Call to Order and Pledge of Allegiance

- Item 1: Approval of Agenda  
A. Director Rasmussen requested a motion to approve the agenda. Director Behiel moved to approve the agenda and Director Thompson seconded. The motion passed 5-0.
- Item 2: Opportunity for Public Comments: No comment.
- Item 3: Consent Calendar – Approval of all items  
A. Minutes of the regular board meeting dated 2/27/18 – Director Behiel made a motion to approve all items and Director Oliveira seconded. The motion passed 5-0.
- Item 4: Staff Reports – Discussion only:  
A. Financials 2/1/18 through 2/28/18 - Karen reported there wasn't anything unusual to report. We made a respectable profit last month. Director Oliveira asked about the timing of the sales for PG&E and are we seeing it in this revenue report? Michael explained that PG&E pays within 30 days. For Murphys Powerhouse, if it's scheduled power we're paid in 30 days if it's unscheduled or renewable credits then we aren't paid for 90 days. We made a lot of power recently due to large volumes of water, but at the same time we were

unscheduled during big storms because of concern for the plants shutting down. If we are scheduled and a plant shuts down we pay a penalty for not meeting the scheduled load. The power market has declined recently due to mild temperatures and solar production. Angels Powerhouse is not affected by the market due to ReMAT.

- B. General Manager -- M. Minkler - Michael reported that we had a strong candidate pool for the vacant operator position and we hired a young man who has a lot of mechanical experience working in hydropower plants and with GE generators, which ours are. We are short staffed and knew we needed to hire additional operators, but tried to wait until after winter was over. With an operator departing we were pushed to hire sooner. We still need to fill another operator position and we will then be fully staffed for the first time in years. Frank and Kyle will be doing a lot of training to get the new hires up to speed over the next six months. On the legislative front there is a lot of pushback on SB623, which is the water tax we talked about last month. ACWA has organized a lot of agencies to support that pushback effort. Polls show the general public is not supportive of the bill either. This bill also turns private wells into small water systems to be regulated by the state and subject to water monitoring. Another bill of concern is one for hydropower that would give large hydro plants (30MW and more) the designation as renewable energy plants and the ability to issue RECs or Renewable Energy Credits. This could flood the market with RECs and cause their value to plummet, negatively impacting the smaller hydro plants financially. Michael believes there is a way to support large hydro and at the same time protect small hydro too. ACWA is taking a neutral position and forming working groups to facilitate a solution.
- C. Administrative Report -- K. Rojas - Karen reported since the last meeting our staff has been very busy. Frank and Lori attended an ISO training in Folsom. We've had committee meetings, we're working on various reports that are coming due, and have been evaluating benefit packages. Michael has been attending ACWA meetings as well as other meetings. Karen attended the Legislative Symposium in place of Michael in Sacramento. After the symposium she also attended a film called "Beyond the Brink" that is about protecting and preserving our water in the San Joaquin Valley and other similar "Mediterranean" regions around the world. The operators were busy with the storms. Michael gave two new county employees, Michelle Patterson(OES) and Tim Lutz (CAO), and others, a partial tour of our system. Department of Safety of Dams will be coming for our annual inspection of dams. Michael is scheduled to attend a free Funding Fair in Sacramento. The new OES director is holding a county wide meeting on April 18th. Director Bottomley was given an EAP binder after his appointment to our FERC committee.
- D. Generation and O&M -- F. Fields - Frank explained the March report. We had a planned six-day outage at both plants and a lot of relay testing was completed for compliance. In October we had been unscheduled for several days and just received payment in February. We will carry over 543 AF to March's allocation. In March both Hunters and McKays are spilling, which will add to our carryover for April and we may consider selling some of that water to NCPA. Michael mentioned there wasn't any major damage from the recent storm when we received heavy amounts of rain. It was reported that Mariposa County during the same storm received 5 inches of rain per hour for 2 1/2 hours

and caused a dam breach and major flooding. It's unconfirmed, but reminds us of the potential of its occurring locally. Frank also reported we had a vulture land on a transformer in UWPA's yard that caught fire and destroyed the transformer. PG&E repaired it that night in the rain. That incident led to the discoveries in our own system that needed to be corrected. After failed attempts to restart the plant and synch to the grid Frank contacted Ed Wade to help us troubleshoot. Ultimately, they discovered there was no AC voltage. The breaker had tripped from the explosion. It was repaired and the plant was up and running.

- E. Water Conveyance – K. Rasmussen - Kyle reported during the outage they lifted parts of the flume to replace the mud blocks. At Flume 11 several mud blocks had rotted away and needed to be replaced. This took about two or three days to complete. A crew was able to remove vegetation from the canal while the water was off. Flume 4 needed posts replaced. Flume inspections were performed. At 3/4-mile Flume they found a lot of degrading. Two sills were broken but still maintaining water without leaking. Temporary repairs were made until further repairs can be done. The operators identified approximately 160 repair sills that should be placed underneath to support the flume. Director Behiel asked about the cost and time to complete these repairs. Kyle answered the materials are the biggest cost. We currently don't have enough lumber on hand to build all of them. About 408 feet need to be rebuilt this fall. Metal sills would be about five times more expensive than wood, but would last longer. Michael commented we are looking into financial sources to assist us in rebuilding the flumes and considering alternative ways to modify the system to be more efficient and cost effective. We were able to accomplish flushing flows; this is 40 cfs for 48 hours down Mill Creek which is difficult to do in a dry year. Michael reported the last runoff projection was a water year III. We had a lot of rain in the last storm and it's believed that a lot of that water was retained in the snow pack.

Item 5: Old Business – Discussion and possible action

- A. ReMAT Update – M. Minkler - Michael gave an update. At the last hearing the judge issued an order denying the amicus filing that UWPA and another party made. The judge's comment was the filing didn't add any more information than he already was aware of. He refused the amicus filings, but hasn't ruled on the stay. The PUC submitted a request to the judge to issue a ruling. We have done all we can do. Once the judge issues a ruling the PUC can then seek a stay at the 9th circuit. The PUC still hasn't approved the revised tariff submitted by PG&E. We still wouldn't be eligible to apply unless that tariff is approved even if the injunction is stayed.

Item 6: New Business - Discussion and possible action

- A. Flume Repair Update – M. Minkler – This updated was covered in Item 4E, Staff Reports.
- B. Report from 3/26/18 Resource Management Committee meeting and recommendations for possible adjustments to irrigation contracts – Larry Thompson - Director Thompson gave a report on the Resource Management Committee meeting. Recommendations from that meeting were new metering, increasing water contractor charges, and updating our irrigation wait list. We have a wait list for people wanting to access our irrigation system, but due to

many recent dry years it's not recommended we add any more users at this time. An increase of 5% above and below the Murphys Powerhouse was proposed, as well as raising the administrative fee to \$325. Director Behiel asked why we would deny water if our consumptive use is not near our capacity. Michael answered that is true in most years, but not always. We have required recreational flows we must meet through the park. During some dry years we would have been right up against our capacity to serve any additional customers and continue to meet those flows. If we are to add new customers the contracts have to be clear in that during some dry years UWPA has the right to curtail water delivery at its discretion.

- C. Approval of irrigation contract amendments and water charges – M. Minkler  
Director Rasmussen requested a motion to approve irrigation contract amendments and water charges. Director Thompson made a motion to approve and Director Bottomley seconded. The motion passed 5-0.
- D. Report from 3/7/18 Budget Committee Meeting – Michael reported the Budget Committee met to talk about the renewal of employee health insurance plans which wasn't agendized at the last board meeting. During that meeting we chose a plan similar to our current plan that saves UWPA some money. In the future we will discuss employee health insurance plans at the February board meeting. This plan has a higher deductible, but it will be offset by higher contributions to the Flexible Spending Accounts at TASC. Dental and vision policies have also been changed to a slightly less expensive plan.

Item 7: Reports – Discussion only

- A. Tuolumne-Stanislaus Integrated Regional Water Management Authority - Karen reported in Lori's absence. The group continues to focus on the DACs and there was discussion about raising membership fees. They also discussed ongoing problems with old and failing septic systems within certain areas and how to address these issues.
- B. Calaveras Public Power Agency (CPPA) – Nothing to report.
- C. Calaveras Local Agency Formation Commission (LAFCo) – No one attended.
- D. U.P.U.D. - Director Bottomley reported the meeting was short. All of their projects are completed and they did complete their flushing flows.
- E. City of Angels - Director Behiel reported the city did a budget presentation. The new city administrator is tackling a lot and doing a good job. They voted to abate the Lode Hotel. The owners are running out of time to do something with it before the city will take it over. Director Oliveira commented the new city attorney is doing a great job. They have an interim finance person. Dave Hanham will be leaving and they've hired Amy Augustine to handle contracts for the planning department. The city is looking for ways to consolidate positions and making structural changes to save money. Dollar General will open soon. The bar in the Utica Hotel is anticipated to open mid May.

Item 8: Staff/Directors' Comments - There were none.

Item 9: Adjourn to Closed Session at 7:50 pm

CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
Pursuant to Gov't Code Section 54956.9(d)(1): One case Nevada Policy Research  
Institute dba Transparent California v. UWPA Calaveras County Superior Court, Case  
#17CV42938.

Reconvene from Closed Session: Report of reportable action taken.

Direction given to staff.

The meeting was adjourned at 8:16 pm.

Next Meeting: Tuesday, April 24, 2018 – 5:30 pm Regular Meeting

Approved at the April 24, 2018 meeting.

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Board Chairperson

\_\_\_\_\_  
Board Secretary

UNAPPROVED

Vaughn Tribble, CPA

Daniel Ayala, CPA

Douglas Tribble, CPA

**Tribble & Ayala**  
**Certified Public Accountants, Inc.**

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Accountant's Disclaimer

Utica Water & Power Authority  
Angels Camp, California

The accompanying Consolidated Report - statement of revenues, expenses and fund balance (cash basis) and the accompanying Revenue Fund Report - statement of revenues, expenses and budget variances (cash basis) for the period ending March 31, 2018 of the fiscal year July 1, 2017 to June 30, 2018, and the accompanying Bank Activity Report (All Funds) for the period March 1 to March 31, 2018 of the Utica Water & Power Authority were not audited by us and, accordingly, we do not express an opinion on them. The financial statements have been prepared on the cash basis of accounting, which is a comprehensive basis of accounting other than generally accepted accounting principles.

Management has elected to omit substantially all of the disclosures ordinarily included in financial statements prepared in accordance with the cash basis of accounting. If the omitted disclosures were included in the financial statements, they might influence the user's conclusions about the Utica Water & Power Authority's revenues, expenses, and fund balance. Accordingly, the financial statements are not designed for those who are not informed about such matters.



Certified Public Accountants, Inc.

April 17, 2018



Utica Water and Power Authority  
Bank Activity Report (All Funds)  
For the Period March 1 to March 31, 2018

**Revenue Fund**

Recap	Current Month	Prior Month	Difference
Revenues	\$ 167,202.19	\$ 164,255.52	\$ 2,946.67
Expenses	\$ (89,239.45)	\$ (122,909.95)	\$ 33,670.50
Difference	\$ 77,962.74	\$ 41,345.57	\$ 36,617.17

Fund Balance - 2/28/2018 \$ 401,828.58

Revenues:	3/1/2018 CCATT rent payment for Mar 2018	1,439.13
	3/20/2018 Calpine payment for Feb 2018 power	17,026.01
	3/20/2018 Calpine payment for Nov 2017 renewable energy	8,496.00
	3/22/2018 Sierra Hope March Rent	835.00
	3/22/2018 Murphys Realty March Rent	827.00
	3/22/2018 City of Angels 17-18 Budget Contribution	85,000.00
	3/29/2018 Calpine payment for Nov 2017 imbalance	7,973.30
	3/30/2018 Natel Energy Agreement	1,000.00
	3/30/2018 CCATT rent payment for Apr 2018	1,439.13
	3/30/2018 PG&E payment for Feb 2018 power	43,166.62
	<b>Total Revenues</b>	<b>167,202.19</b>

Expenses:	3/12/2018 AT&T	(1,228.31)
	3/12/2018 Calaveras Lumber Co, Inc.	(275.59)
	3/12/2018 Calaveras Power Agency	(404.00)
	3/12/2018 Payroll transfer for 3/12/18 wages & taxes	(22,649.08)
	3/12/2018 California Waste Recovery Systems	(81.04)
	3/12/2018 CDK Supply	(231.78)
	3/12/2018 City of Angels	(170.40)
	3/12/2018 City of Angels	(131.70)
	3/12/2018 Colonial Life	(71.84)
	3/12/2018 Columbia Communications, Inc.	(75.00)
	3/12/2018 Department of Forestry & Fire Protection	(1,598.80)
	3/12/2018 Driven	(970.47)
	3/12/2018 GEI Consultants, Inc.	(4,490.89)
	3/12/2018 GEI Consultants, Inc.	(1,468.00)
	3/12/2018 IETS	(3,388.00)
	3/12/2018 Mother Lode Answering Service, Inc.	(127.00)
	3/12/2018 O'Reilly Automotive, Inc.	(99.98)
	3/12/2018 Nash Chevron	(20.00)
	3/12/2018 Sierra Hydrographics	(1,633.50)
	3/12/2018 Staples Business Advantage	(154.98)
	3/12/2018 State Compensation Insurance Fund	(2,188.08)
	3/12/2018 Timothy and Deanna Plunkett	(75.00)
	3/12/2018 Tribble & Ayala CPA's, Inc.	(686.74)
	3/12/2018 Union Public Utility District	(53.00)
	3/12/2018 U.S. Bank Corporate	(1,932.31)
	3/12/2018 U.S. Bank Equipment Finance	(432.47)
	3/12/2018 U.S. Postmaster	(50.00)
	3/12/2018 Verizon Wireless	(477.38)
	3/14/2018 Bank Charge	(54.95)
	3/19/2018 TASC	(1,706.19)
	3/26/2018 Payroll transfer for 3/26/18 wages & taxes	(23,987.45)
	3/26/2018 Alhambra	(49.96)
	3/26/2018 Blue Shield of California - Med Supp	(164.00)
	3/26/2018 Blue Shield of California	(4,051.38)

**Unaudited - See Accountant's Disclaimer**

Utica Water and Power Authority  
Bank Activity Report (All Funds)  
For the Period March 1 to March 31, 2018

3/26/2018 Cal.Net	(95.80)	
3/26/2018 Comcast Business	(368.26)	
3/26/2018 Comcast Business	(323.69)	
3/26/2018 GEI Consultants, Inc.	(1,344.78)	
3/26/2018 Guardian - Bethlehem	(762.30)	
3/26/2018 Humana Insurance Co.	(20.40)	
3/26/2018 New York Life	(101.77)	
3/26/2018 Cash	(421.91)	
3/26/2018 Pacific Gas & Electric Co.	(324.44)	
3/26/2018 Pacific Gas & Electric Co.	(412.54)	
3/26/2018 Pacific Gas & Electric Co.	(22.76)	
3/26/2018 Pacific Gas & Electric Co.	(693.56)	
3/26/2018 TASC	(834.64)	
3/31/2018 Transfer out to FERC Relicensing Fund	<u>(8,333.33)</u>	
Total Expenses	<u>(89,239.45)</u>	
Net Revenues	77,962.74	
Transfers:		
Total Transfers	<u>-</u>	
Fund Balance - 3/31/2018		\$ 479,791.32
<b><u>Water Balancing Fund</u></b>		
Fund Balance - 2/28/2018	\$ 60,000.00	
Fund Balance - 3/31/2018		\$ 60,000.00
<b><u>FERC Relicensing Fund</u></b>		
Fund Balance - 2/28/2018	\$ 57,716.95	
3/31/2018 Transfer in from Revenue Fund	<u>8,333.33</u>	
Fund Balance - 3/31/2018		\$ 66,050.28
<b><u>Operating &amp; Capital Reserve Fund</u></b>		
Fund Balance - 2/28/2018	\$ 85,002.83	
3/30/2018 Interest earned Mar 2018	<u>0.36</u>	
Fund Balance - 3/31/2018		\$ 85,003.19
<b>Total All Funds - 3/31/2018</b>		<b><u>\$ 690,844.79</u></b>
Total All Funds - 2/28/2018		\$ 604,548.36
Difference		<u>\$ 86,296.43</u>



**Utica Water & Power Authority**  
**Revenue Fund Report**  
Statement of Revenues, Expenses and Budget Variances (Cash Basis)  
For the Period Ending March 31, 2018 (75.07%)  
Of the Fiscal Year July 1, 2017 to June 30, 2018

<u>Revenues:</u>	<u>Budget - 10/24/17</u>	<u>Revenues to Date</u>	<u>Balance</u>	<u>% of Budget</u>	<u>Year-To-Date Annualized %</u>
1100 Interest Income	\$ 100	\$ 1,795	\$ (1,695)	1794.75%	2390.82%
1200 Power Sales	\$ 1,072,070	\$ 979,335	\$ 92,735	91.35%	121.69%
1301 Water Sales to NCPA	\$ 30,000	\$ 36,000	\$ (6,000)	120.00%	159.85%
1302 Water Agreements	\$ 80,000	\$ 60,000	\$ 20,000	75.00%	99.91%
1303 Water Sales UWPA	\$ 29,863	\$ 9,835	\$ 20,028	32.93%	43.87%
1400 Property Leases	\$ 35,892	\$ 29,322	\$ 6,570	81.69%	108.83%
1500 Other Revenues	\$ 15,950	\$ 33,399	\$ (17,449)	209.40%	278.94%
1610 Critical Equip Grant	\$ 6,000	\$ 1,649	\$ 4,351	27.49%	36.62%
1620 Expert Removal Grant	\$ 195,580	\$ 199,034	\$ (3,454)	101.77%	135.56%
1700 Member Contributions	\$ 170,000	\$ 85,000	\$ 85,000	50.00%	66.61%
<b>Total Revenues</b>	<b>\$ 1,635,455</b>	<b>\$ 1,435,369</b>	<b>\$ 200,086</b>	<b>87.77%</b>	<b>116.91%</b>
<u>Expenses:</u>	<u>Budget - 10/24/17</u>	<u>Expenses to Date</u>	<u>Balance</u>	<u>% of Budget</u>	<u>Year-To-Date Annualized %</u>
2400 FERC Compliance	\$ 133,500	\$ 102,051	\$ 31,449	76.44%	101.83%
2450 Dam Safety	\$ 183,000	\$ 87,108	\$ 95,892	47.60%	63.41%
3000 Operations & Maint	\$ 602,976	\$ 429,001	\$ 173,975	71.15%	94.78%
4000 Administration	\$ 248,186	\$ 189,050	\$ 59,136	76.17%	101.47%
4050 Travel/Training	\$ 8,000	\$ 3,007	\$ 4,993	37.58%	50.06%
4100 Materials/Misc	\$ 17,000	\$ 13,401	\$ 3,599	78.83%	105.01%
4200 Insurance	\$ 36,500	\$ 21,858	\$ 14,642	59.88%	79.77%
4300 Legal	\$ 12,000	\$ 2,207	\$ 9,793	18.39%	24.50%
4400 Accounting	\$ 20,000	\$ 16,363	\$ 3,637	81.82%	108.99%
4500 Fees	\$ 95,400	\$ 41,115	\$ 54,285	43.10%	57.41%
4600 Communications	\$ 35,000	\$ 25,329	\$ 9,671	72.37%	96.40%
4700 Utilities	\$ 31,100	\$ 18,455	\$ 12,645	59.34%	79.05%
5010 Water Balancing Fund	\$ 80,000	\$ 60,000	\$ 20,000	75.00%	99.91%
6010 PH - Maint/Repair	\$ 50,925	\$ 44,261	\$ 6,664	86.91%	115.78%
6050 PH - Capital Projects	\$ 73,000	\$ 12,999	\$ 60,001	17.81%	23.72%
6060 PH - ReMAT Expenses	\$ 125,400	\$ 44,005	\$ 81,395	35.09%	46.75%
6110 WC - Maint/Repair	\$ 56,300	\$ 18,845	\$ 37,455	33.47%	44.59%
6150 WC - Capital Projects	\$ 78,000	\$ 47,531	\$ 30,469	60.94%	81.18%
6210 Critical Equip Grant	\$ 6,000	\$ 674	\$ 5,326	11.23%	14.96%
6220 Expert Removal Grant	\$ 201,000	\$ 200,000	\$ 1,000	99.50%	132.55%
7000 Hydrography	\$ 23,500	\$ 19,849	\$ 3,651	84.47%	112.52%
7100 SCADA/IT	\$ 19,400	\$ 11,883	\$ 7,517	61.25%	81.60%
7110 LOS	\$ 2,500	\$ 2,453	\$ 47	98.11%	130.69%
8000 Consultants	\$ -	\$ -	\$ -	0.00%	0.00%
9000 Vehicles	\$ 62,500	\$ 50,425	\$ 12,075	80.68%	107.47%
9500 Contingencies	\$ 69,841	\$ 26,280	\$ 43,561	37.63%	50.12%
<b>Total Expenses</b>	<b>\$ 2,271,028</b>	<b>\$ 1,488,151</b>	<b>\$ 782,878</b>	<b>65.53%</b>	<b>87.29%</b>
<b>Excess Revenues (Expenses)</b>	<b>\$ (635,573)</b>	<b>\$ (52,782)</b>	<b>\$ (582,792)</b>		
xxxx Transfer In	\$ 80,000	\$ -	\$ 80,000	0.00%	0.00%
xxxx Transfer Out	\$ -	\$ -	\$ -	0.00%	0.00%

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**Utica Water & Power Authority**  
**Consolidated Report**

Statement of Revenues, Expenses and Fund Balance (Cash Basis)  
For the Period Ending March 31, 2018 (75.07%)  
Of the Fiscal Year July 1, 2017 to June 30, 2018

<u>Revenues:</u>	<u>Revenue Fund</u>	<u>Water Balancing Fund</u>	<u>FERC Relicensing Fund</u>	<u>Operating &amp; Capital Reserve Fund</u>
1100 Interest Income	\$ 1,795	\$ -	\$ -	\$ 3
1200 Power Sales	\$ 979,335			
1301 Water Sales to NCPA	\$ 36,000			
1302 Water Agreements	\$ 60,000			
1303 Water Sales UWPA	\$ 9,835			
1400 Property Leases	\$ 29,322			
1500 Other Revenues	\$ 33,399			
1610 Critical Equip Grant	\$ 1,649			
1620 Expert Removal Grant	\$ 199,034			
1700 Member Contributions	\$ 85,000			
Total Revenues	<u>\$ 1,435,369</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 3</u>
<u>Expenses:</u>				
2400 FERC Compliance	\$ 102,051			
2450 Dam Safety	\$ 87,108			
3000 Operations & Maint	\$ 429,001			
4000 Administration	\$ 189,050			
4050 Travel/Training	\$ 3,007			
4100 Materials/Misc	\$ 13,401			
4200 Insurance	\$ 21,858			
4300 Legal	\$ 2,207			
4400 Accounting	\$ 16,363			
4500 Fees	\$ 41,115			
4600 Communications	\$ 25,329			
4700 Utilities	\$ 18,455			
5010 Water Balancing Fund	\$ 60,000			
6010 PH - Maint/Repair	\$ 44,261			
6050 PH - Capital Projects	\$ 12,999			
6060 PH - ReMAT Expenses	\$ 44,005			
6110 WC - Maint/Repair	\$ 18,845			
6150 WC - Capital Projects	\$ 47,531			
6210 Critical Equip Grant	\$ 674			
6220 Expert Removal Grant	\$ 200,000			
7000 Hydrography	\$ 19,849			
7100 SCADA/IT	\$ 11,883			
7110 LOS	\$ 2,453			
8000 Consultants	\$ -			
9000 Vehicles	\$ 50,425			
9500 Contingencies	\$ 26,280			
Total Expenses	<u>\$ 1,488,151</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Excess Revenues (Expenses)	<u>\$ (52,782)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 3</u>
Fund Balance 7/1/17	\$ 532,574	\$ -	\$ -	\$ 85,000
Excess Revenues (Expenses)	\$ (52,782)	\$ -	\$ -	\$ 3
xxxx Transfer In	\$ -	\$ 60,000	\$ 75,000	\$ -
xxxx Transfer Out	\$ -	\$ -	\$ (8,950)	\$ -
Ending Fund Balance	<u>\$ 479,791</u>	<u>\$ 60,000</u>	<u>\$ 66,050</u>	<u>\$ 85,003</u>

**UWPA OPERATIONS/MAINTENANCE REPORT**

**MARCH 2018**

<b>RAINFALL</b>		<b>APH</b>	<b>MPH</b>
MARCH rainfall		10.4	13.3
PYTD rainfall	7/1/17- 6/30/18	22.0	28.0

**GENERATION**

<b>MURPHYS (sold to Calpine)</b>	
FROG TN 1 UTICAM	
Wtg for ISO/QRE concurrence	1,452
~ 2.1 MW 24/7 for 29 days	
<b>ANGELS (sold to PG&amp;E)</b>	
FROG TN 1 UTICAA	
Wtg for PG&E concurrence	697
~ 960 kw24/7 for 30.25 days	
<b>TOTAL GENERATION:</b>	<b>2,149 MWhr</b>

**REVENUES**

March's projected scheduled generation:	
\$52,973	Mar APH (0.8 MW) @ \$89
\$35,340	Mar MPH (1.9 MW) @ \$25
\$13,690	Nov MPH RECs @ \$9
\$1,800	Nov MPH Imb @ \$20
<b>\$103,803</b>	
March's actual scheduled generation:	
\$54,291	Mar APH (0.96 MW) @ \$78 <sup>(1)</sup>
\$18,532	Mar MPH (2.1 MW) @ \$26 <sup>(2)</sup>
\$8,496	Nov MPH RECs @ \$9 <sup>(3)</sup>
\$7,973	Nov MPH Imb @ \$29 <sup>(4)</sup>

- (1) APH mostly online 24/7 except for "buzzard" outage. Note new "Time of Delivery" ("TOD") pricing, see PPA explanation on next page.
- (2) MPH was "unscheduled" for almost 15 days in March, so only 704 MWhrs (16 days) sold as "scheduled, 748 MWhrs w/be Imb in July.
- (3) Due to outage, MPH had less RECs in November. APH RECs and Imbalance have been included in the ReMAT pricing since 8/22/17.
- (4) MPH was "unscheduled" for 17 days in November for outage, this is payment for the 276 MWhrs Imbalance at Real Time prices.

Power Revenue:	\$89,292	
Water Revenue:	\$21,720	(Will sell February water in April)
Water and Power:	\$111,012	

**OUTAGES**

**P = UWPA planned outage      IF = internal forced outage      EF = external forced outage**

Date	Time Off	Duration	Cause	Plant
3/12/2018	1639	17 hrs 10 min	EF: Turkey buzzard destroyed pole XFMRs. No excitation so couldn't start plant. PG&E had to replace XFMRs.	Angels
3/14/2018	1346	30 min	IF: Lost air pressure in governor; circuit was tripped from earlier bird outage.	Angels
3/16-17/2018	1242	1 day 3 hrs 18 min	EF: Due to bad weather and snow leaving MPH down until PG&E able to repair any weather related issues.	Murphys
3/17-18/2018	1745	14 hrs 43 min	EF: Continuing to have problems with grid. 86 tripped flags 27B and 167-1 on the 1701 circuit. Pole down near Red Apple unknown time of repair.	Murphys
3/22/2018	0842	28 min	EF: Storm related again.	Angels

**WATER**

Mar'18 Att A 2,639 + 543 from Feb'18 S-66 + S-127  
S-47 into conduit + S-128 fish  
LESS water sale to NCPA @ \$40/AF  
UWPA will add to Apr'18 allocation

3,182	AF	Mill Creek inflow S-66	1,374	AF
(2,471)	AF	Tunnel Tap draft S-127	1,097	AF
		S-47 into conduit + S-128 fish		
(543)	AF	Total:	2,471	AF <sup>(6)</sup>
168	<sup>(5)</sup>			

<sup>(5)</sup> Waiting for NCPA concurrence.

<sup>(6)</sup> Adjustments have been made due to Hunters spills/McKays spilling.

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Date: April 17, 2018  
 To: Directors  
 From: Staff  
 Re: ReMAT Contract Pricing

You will have noticed on the previous Generation Reports that the actual pricing received for generation at Angels Powerhouse has fluctuated, even after entering ReMAT last August, and that the pricing for March was considerably lower than the previous months.

The following is further explanation of the Time of Delivery Periods ("TOD") that are a part of our 2017 Power Purchase Agreement ("PPA") with PG&E.

The Contract Price is \$89.23, but calculations vary during the year based on both daily and monthly time of delivery periods, multiplying the contract price by the following factors:

Monthly Period	Mid-Day	Peak	Night
July - September	0.604	1.479	1.087
October - February	0.718	1.399	1.122
March - June	0.280	1.270	1.040

**Mid-Day** Hours Ending 10 - 16 and is considered **Shoulder**, the seven hours from 9 am to 4 pm

**Peak** Hours Ending 17 - 22 and is considered **Day**, the six hours from 4 pm to 10 pm

**Night** Hours Ending 23 - 09 and is considered **Night**, the eleven hours from 10 pm to 9 am

The monthly payment we receive is based on the formula of  $A \times B \times C$ , where A is the Contract Price, B is the TOD factor (shown above) and C is the generation volume. Our average monthly price has been:

August	\$93.08
September	\$93.11
October	\$96.07
November	\$96.13
December	\$95.80
January	\$96.05
February	\$96.08
March	\$77.88

Even though the budget is based on \$89.23/MWhr, using a consistent 24/7 of ~ 950kW during a WY I, March through June will have lower average monthly prices of ~\$78; July, August, and September will run about \$93; and the five months of October through February will balance it out with higher prices of ~\$96.

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