



### Agenda Item Details

Meeting	Jun 18, 2019 - Regular Board Meeting
Category	C. Agenda Items
Subject	1. Consider approval of the Proposed Budget for Fiscal Year ending June 30, 2020 for General and Power Systems Funds, as recommended by the Administration, Budget & Personnel Committee on June 13, 2019.
Access	Public
Type	

### Public Content

The attached budget is proposed for Fiscal Year 2019-20. These are preliminary numbers based on estimated expenses and revenues for the current fiscal year. Final budgets will be presented for Board approval in December, after the yearend financials are published for Fiscal 2018-19. On June 13, 2019, the Administration, Budget and Personnel Committee met to thoroughly review the planned revenues and expenditures.

### Background

We continue to follow a conservative, thoughtful approach to budgeting for revenues and expenditures, with both a short-term and long-term focus in mind, as outlined in the Strategic Plan, we are also implementing many of the tools recently developed in an effort to reduce the level of contingency while maintaining confidence in the budget presented. Specifically, staff utilized the following guidelines:

1. Use conservative estimates for expenditures. Thus, expenditures include a reasonable contingency to accommodate for unexpected and unanticipated factors. A step towards reining in contingency has been implemented in this budget.
2. Continue to be cautious in adding expenditures that commit the Agency to long-term costs, e.g., additional personnel allocations.
3. Use one-time resources (e.g., grants, reserves) to fund one-time projects or expenses, e.g., flood protection capital expenditures.
4. Continue to fund reserves with anticipated surplus funds, as well as, further develop a cash flow timeline which identifies when large expenditures are expected to be incurred. This will create various targets to achieve over the next 5-10 years.
5. Develop and continuously refine a Five Year Long Range Forecast (draft included), identifying Core/Routine expenses and Non-routine one-time expenses on the horizon.

YCWA continues to maintain a strong financial position with no direct debt, no unfunded CalPERS liability, and a decent start to funding needed cash reserves for future commitments. The Reserves contained approximately \$100.4 million upon the completion of fiscal year 2017-18. We anticipate Reserves to contain approximately \$152 million at the end of fiscal year 2018-19. However, the \$200 million identified as needed to fund reserves is only for the next five years. We expect to need as much as an additional \$100 million to meet conditions of the new FERC license; \$400 million is needed to complete the identified projects for flood protection; plus ongoing capital projects. Staff continues to focus on developing cash flow projections, leading to investment objectives, in order to ensure the Agency continues to demonstrate strong financial management.

### Expenditures

Agency-wide expenditures in 2019-20 are budgeted to increase by 25%, or about \$14.3 million, over the prior year's budget. Much of this increase can be attributed to a reduction in project year-end spending totals for the General Fund's current year budget. An annual target of \$4 million invested in flood risk reduction projects has been established and a significant amount of work is carrying over from the FY2019 budget into the FY2020 budget, along with \$4 million of new flood risk reduction projects for the new year. The reduction in projected year-end actuals for the current year will result in a momentary increase in the Reserves balance as we cross the year-end date.

In Power Systems, expenditures are budgeted to increase by 28.4% over last year's budget, after the 11% reduction from FY2018. Of the \$10.0 million increase, \$8.4 million can be attributed to the beginning of the warehouse construction scheduled to break ground in FY2020. This represents a significant investment in Power Systems' infrastructure, and additional focus and support on plant reliability by increasing the capability to store critical inventory should repairs or replacements need to be made. This would result in significantly less down time, and reduce potential missed generation opportunities.

## **Revenues**

Revenue in General Fund is budgeted at about \$9.2 million, which includes a nearly \$4M of incoming grant funding for ongoing projects. Bear in mind, the expenses for these projects are also reflect in the expenditure section of the budget, and then are offset by this grant funding to result in a net zero effect on our Reserves balance. Interest Income is now budgeted at nearly \$4 million, due to the movement of all cash not required to cover disbursements into the County pool, and rising interest rates.

Electric revenue is primarily determined by how much it rains (fuel for Hydro generation) and electric market prices. The impact on revenue resulting from these factors creates a potential range of \$30 million (representing a dry year with low prices similar to 1977) to \$86 million (representing a wet year with high prices similar to 1983). Looking at a 10-year average annual range, we can forecast a potential range between \$52.3 million to \$58.5 million. Winter and spring rainfall produces the greatest variability of these and actual generation is not well known until about April, which is near the end of our fiscal year. The Final Budget presented in December gives us an opportunity to revise our revenue forecast but still contains a great deal of variability due to the spring uncertainty.

The recommendation of the Administration, Budget, and Personnel Committee, we are presenting a revenue budget scenario utilizing a 50% exceedance hydrology forecast, for a revenue budget of \$64.4 million. This budget is less conservative than the 75% exceedance hydrology forecast used in the first two fiscal years since the expiration of the PG&E PPA, and is equally as conservative as the budget provided in FY2019's final budget.

[Core plus Large - Long Term vBOD.pdf \(73 KB\)](#)

[Inc Statement - PS Budget vBOD.pdf \(104 KB\)](#)

[Large Project Worksheet FY2020 - PS.pdf \(100 KB\)](#)

[Inc Statement - GF Budget vBOD.pdf \(110 KB\)](#)

[Large Project Worksheet FY2020 - GF.pdf \(95 KB\)](#)

[FY2020 Personnel Allocation.pdf \(525 KB\)](#)

## **Administrative Content**

# Yuba Water Agency

Proposed Budget Fiscal Year Ending June 30, 2020

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- Draft – Long Range Forecast, Core Budget plus Non-Routine/Large One-Time Projects
  
- General Fund Income Statement, with projected FY2019 actuals
  - Supplementary Large Project Worksheet
  
- Power Systems Fund Income Statement, with projected FY2019 actuals
  - Supplementary Large Project Worksheet
  
- Personnel Allocation Chart, with one Proposed new position

**DRAFT - Long Range Forecast**

	Actual 2016-17	Actual 2017-18	Projected 2018-19	Proposed Budget 2019-20	Budget Estimate 2020-21	Budget Estimate 2021-22	Budget Estimate 2022-23	Budget Estimate 2023-24	Budget Estimate 2024-25	Budget Estimate 2025-2032
PS Revenue	\$ 67,107,681	\$ 74,287,818	\$ 80,067,623	\$ 64,422,933	\$ 55,815,352	\$ 57,489,812	\$ 52,812,027	\$ 59,214,506	\$ 60,990,942	\$ 426,936,591
GF Revenues	\$ 2,882,256	\$ 3,622,143	\$ 19,664,249	\$ 9,203,832	\$ 14,140,060	\$ 14,564,262	\$ 15,001,190	\$ 15,451,225	\$ 15,914,762	\$ 111,403,335
	\$ 69,989,937	\$ 77,909,961	\$ 99,731,872	\$ 73,626,765	\$ 69,955,412	\$ 72,054,074	\$ 67,813,217	\$ 74,665,732	\$ 76,905,704	
<b>Power Systems</b>	<b>Actual 2016-17</b>	<b>Actual 2017-18</b>	<b>Projected 2018-19</b>	<b>Proposed Budget 2019-20</b>	<b>Budget Estimate 2020-21</b>	<b>Budget Estimate 2021-22</b>	<b>Budget Estimate 2022-23</b>	<b>Budget Estimate 2023-24</b>	<b>Budget Estimate 2024-25</b>	<b>Budget Estimate 2025-2032</b>
Routine Operating	\$ 20,154,578	\$ 25,923,008	\$ 17,655,903	\$ 12,846,047	\$ 17,718,934	\$ 17,883,383	\$ 18,442,928	\$ 18,996,216	\$ 19,566,102	\$ 136,962,715
Non-Routine/Large	\$ 2,328,221	\$ 3,247,736	\$ 6,073,181	\$ 12,480,396	\$ 5,800,000	\$ 7,980,000	\$ 2,000,000	\$ 12,279,400	\$ 12,647,782	\$ 88,534,474
Narrows Rehab					\$ 10,000,000	\$ 12,000,000				
Halvey Way Development				\$ 8,443,645	\$ 16,000,000					
Tunnel Outage							\$ 6,855,000			
	\$ 22,482,799	\$ 29,170,744	\$ 23,729,085	\$ 33,770,088	\$ 49,518,934	\$ 37,863,383	\$ 27,297,928	\$ 31,275,616	\$ 32,213,884	\$ 225,497,189
<b>General Fund</b>	<b>Actual 2016-17</b>	<b>Actual 2017-18</b>	<b>Projected 2018-19</b>	<b>Proposed Budget 2019-20</b>	<b>Budget Estimate 2020-21</b>	<b>Budget Estimate 2021-22</b>	<b>Budget Estimate 2022-23</b>	<b>Budget Estimate 2023-24</b>	<b>Budget Estimate 2024-25</b>	<b>Budget Estimate 2025-2032</b>
Routine Operating	\$ 8,926,834	\$ 12,094,506	\$ 14,109,199	\$ 13,583,778	\$ 14,391,404	\$ 14,977,402	\$ 15,434,431	\$ 15,897,464	\$ 16,374,388	\$ 114,620,713
Non-Routine/Large	\$ 7,477,367	\$ 10,139,501	\$ 8,187,360	\$ 19,198,085	\$ 11,000,000	\$ 6,250,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 42,000,000
Secondary Spillway			\$ 1,871,164	\$ 4,400,000	\$ 3,200,000	\$ 20,500,000	\$ 50,000,000	\$ 80,000,000		
Fish Screen					\$ 5,415,000	\$ 5,415,000				
VSA					\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	
License Conditions							\$ 5,488,465	\$ 7,986,590	\$ 7,539,795	\$ 48,793,000
	\$ 16,404,201	\$ 22,234,007	\$ 24,167,723	\$ 37,181,863	\$ 36,006,404	\$ 21,227,402	\$ 78,922,896	\$ 111,884,054	\$ 31,914,183	\$ 205,413,713
Agency Combined	Actual 2016-17	Actual 2017-18	Projected 2018-19	Proposed Budget 2019-20	Budget Estimate 2020-21	Budget Estimate 2021-22	Budget Estimate 2022-23	Budget Estimate 2023-24	Budget Estimate 2024-25	Budget Estimate 2025-2032
Total	\$ 38,887,000	\$ 51,404,751	\$ 47,896,808	\$ 70,951,951	\$ 85,525,338	\$ 59,090,784	\$ 106,220,824	\$ 143,159,669	\$ 64,128,067	\$ 430,910,902
Net Effect on Reserves	\$ 31,102,937	\$ 26,505,210	\$ 51,835,064	\$ 2,674,814	\$ (15,569,926)	\$ 12,963,289	\$ (38,407,607)	\$ (68,493,938)	\$ 12,777,637	
Reserves Rolling Total	\$ 73,228,507	\$ 100,394,536	\$ 152,229,600	\$ 154,904,414	\$ 139,334,488	\$ 152,297,778	\$ 113,890,171	\$ 45,396,233	\$ 58,173,870	

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>Operating Revenue</b>						
Water Transfer - Non Accord	0.00	\$0.00	\$157,180.00	\$167,200.00	94.01%	157,180.00
Water Sales - In County - Irrigation	557,000.00	0.00	506,501.46	850,000.00	59.59%	506,501.46
Water Sales - Surface - Accord	0.00	0.00	11,356,050.00	9,000,000.00	126.18%	11,356,050.00
Water Sales -Groundwater Substitution - Accord	0.00	0.00	6,564,400.00	6,564,400.00	100.00%	6,564,400.00
Groundwater Substitution - Accord - MU Pass-Through	0.00	0.00	(5,907,960.00)	(5,907,960.00)	100.00%	(5,907,960.00)
	557,000.00	0.00	12,676,171.46	10,673,640.00	118.76%	12,676,171.46
<b>Non-Operating Revenue</b>						
Interest Revenue- Multiple Accts	3,936,136.75	(52.12)	1,030,683.00	1,000,000.00	103.07%	2,061,366.00
Interest Revenue- Loans Made	152,000.00	0.00	(54,030.40)	24,000.00	(225.13%)	152,000.00
Irrigation O&M Reimbursement - North	0.00	0.00	0.00	62,500.00	0.00%	62,500.00
Irrigation O&M Reimbursement - South	660,655.39	0.00	667,541.88	1,245,723.31	53.59%	667,541.88
Property Taxes	499,840.00	0.00	265,831.57	500,000.00	53.17%	499,000.00
Property Taxes Disbursement	(499,840.00)	0.00	0.00	0.00	0.00%	0.00
RMT Rent	24,000.00	2,000.00	22,000.00	24,000.00	91.67%	24,000.00
DWR - FIRO Grant	500,000.00	0.00	0.00	0.00	0.00%	0.00
Forecasted Co-Ops Grant	480,092.00	0.00	405,571.97	198,350.00	204.47%	405,571.97
DWR - SFRA DACI Agreement	2,000,000.00	0.00	317,895.92	0.00	0.00%	317,895.92
DWR - GSP Grant	893,948.00	0.00	0.00	0.00	0.00%	0.00
CDFW South Screen Planning Grant	0.00	0.00	0.00	0.00	0.00%	0.00
Other Revenue	0.00	200.00	2,798,201.75	0.00	0.00%	2,798,201.75
	8,646,832.14	2,147.88	5,453,695.69	3,054,573.31	178.54%	6,988,077.52
<b>Total Revenue</b>	<b>9,203,832.14</b>	<b>2,147.88</b>	<b>18,129,867.15</b>	<b>13,728,213.31</b>	<b>132.05%</b>	<b>19,664,248.98</b>
<b>Expenses</b>						
<b>ADMINISTRATION</b>						
<b>Salaries &amp; Benefits</b>						
Salaries - Non Reimbursable	2,372,212.65	228,122.52	1,719,991.81	2,146,035.03	80.15%	2,107,607.77
Salaries - IT	822,443.84	67,853.46	503,847.34	682,746.48	73.80%	561,479.08
HR - Recruiting	4,500.00	254.80	1,147.42	12,500.00	9.18%	2,647.42
HR - Training	90,000.00	16,704.56	58,980.28	70,000.00	84.26%	65,480.28
HR - Consultant & Legal	20,000.00	0.00	9,662.36	15,000.00	64.42%	10,996.36
HR - Non Routine Employee Benefits	0.00	0.00	0.00	0.00	0.00%	1,145.81
Personnel Issues	25,000.00	2,108.41	22,450.13	25,000.00	89.80%	25,136.96
Benefits	2,032,608.89	193,807.98	1,384,236.03	1,583,258.52	87.43%	1,547,109.71
OPEB Funding ARC	85,000.00	85,000.00	85,000.00	100,000.00	85.00%	85,000.00
CalPERS Unfunded Pension Liability	18,500.00	0.00	12,054.75	50,000.00	24.11%	13,000.00
<b>Miscellaneous</b>						
Board of Directors (per diem & travel)	468,067.00	88,794.46	314,303.83	270,000.00	116.41%	350,303.83
Election	10,000.00	0.00	0.00	10,000.00	0.00%	0.00
Office Supplies, Equipment, Postage	52,500.00	3,986.91	44,620.50	40,000.00	111.55%	48,500.00
Admin Temps	92,500.00	3,863.92	67,243.07	55,000.00	122.26%	68,443.07
Transportation & Travel	48,500.00	3,826.78	44,701.31	42,500.00	105.18%	48,528.09
<b>IT</b>						
IT Equipment, Software	556,029.90	19,894.10	190,740.08	300,000.00	63.58%	210,634.18
IT Tech Support & Software	0.00	0.00	280.71	0.00	0.00%	280.71
<b>Professional Services</b>						
Audit	17,500.00	7,161.25	14,536.45	20,000.00	72.68%	14,536.45
Actuary/GASB 45/OPEB Prefunding	2,500.00	0.00	0.00	2,500.00	0.00%	2,500.00
Insurance - Property, Liability, Auto	5,000.00	0.00	373.18	12,500.00	2.99%	1,384.55
Insurance - Workers' Comp	50,000.00	0.00	34,538.43	27,500.00	125.59%	34,538.43
Insurance - Unemployment	1,500.00	0.00	0.00	1,500.00	0.00%	0.00
Misc Engineering Services	15,000.00	0.00	8,701.20	10,000.00	87.01%	8,701.20
Gauging - DWR & USGS	5,000.00	3,637.50	5,425.00	7,500.00	72.33%	5,425.00
Energy Settlement Assistance	30,000.00	2,400.00	25,530.37	22,500.00	113.47%	29,030.37
YRDP Power Marketing	12,500.00	1,370.10	9,833.71	22,500.00	43.71%	12,573.91
Legal - Misc Other	120,000.00	24,347.64	144,030.01	80,000.00	180.04%	146,030.01
Legal - General Counsel - BOD	45,000.00	6,922.50	30,834.70	60,000.00	51.39%	30,834.70
PoliSci Consultants/Legislative Advocate	160,000.00	4,571.22	139,808.91	160,000.00	87.38%	139,808.91
Western Water	0.00	0.00	0.00	10,000.00	0.00%	0.00
Anticipated Litigation	60,000.00	10,134.50	84,627.08	100,000.00	84.63%	84,627.08
Water Rights - Fees	145,600.00	0.00	142,759.81	141,000.00	101.25%	142,759.81
Water Rights - Legal	42,500.00	2,908.05	23,272.71	42,500.00	54.76%	23,272.71
<b>Facilities</b>						
Repairs & Maintenance - 1220 F St.	75,000.00	1,875.58	19,638.83	22,500.00	87.28%	21,514.41
Utilities & Pest	0.00	18,338.32	151,043.76	117,500.00	128.55%	169,382.08
Gardner & Janitor	0.00	0.00	485.00	17,500.00	2.77%	485.00
Repairs & Maintenance - Hallwood	75,000.00	7,373.10	74,215.89	265,000.00	28.01%	81,588.99
Repairs & Maintenance - 1205 D St.	30,000.00	0.00	0.00	0.00	0.00%	0.00
Repairs & Maintenance - Fleet	15,000.00	0.00	0.00	0.00	0.00%	0.00
Non-Capitalized Furniture & Equipment	125,000.00	37,665.52	77,787.60	87,500.00	88.90%	115,453.12
	7,729,962.28	842,923.18	5,446,702.26	6,632,040.03	82.13%	6,210,740.00

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>CAPITAL PROJECTS</b>						
New Vehicles - MSVL Office, Ditchtender	0.00	0.00	61,948.60	80,000.00	77.44%	61,948.60
Irrigation Equipment - Tractor w/Mower	65,000.00	0.00	0.00	65,000.00	0.00%	0.00
IT Misc Network Projects	25,000.00	0.00	0.00	0.00	0.00%	0.00
Firewall Upgrade	0.00	0.00	0.00	63,000.00	0.00%	0.00
Video Analytics	0.00	0.00	0.00	150,000.00	0.00%	0.00
Hallwood Property Rehab	250,000.00	0.00	0.00	0.00	0.00%	0.00
1205 D Street Acquisition	650,000.00	6,040.34	823,696.80	1,200,000.00	68.64%	833,696.80
	990,000.00	6,040.34	885,645.40	1,558,000.00	56.85%	895,645.40
<b>WATER RESOURCES</b>						
Water Engineering & Legal	45,000.00	14,315.62	38,824.33	45,000.00	86.28%	38,824.33
Intake Channel	0.00	0.00	0.00	0.00	0.00%	0.00
Irrigation Engineering & Legal	25,000.00	195.00	4,455.00	100,000.00	4.46%	4,455.00
S. Canal Diversion - Fuse Dam Rd	0.00	0.00	0.00	0.00	0.00%	0.00
S. Canal Diversion - Dredge Intake, West Bank Channel	0.00	37,210.60	555,373.60	565,000.00	98.30%	555,373.60
S. Canal Diversion - Waterway 13 Headworks	0.00	0.00	0.00	10,000.00	0.00%	0.00
<b>Irrigation Facilities - North</b>						
Tailwater North	10,927.95	872.31	4,488.07	12,500.00	35.90%	4,488.07
SBX-77 N Metering	35,000.00	623.01	5,648.85	40,000.00	14.12%	6,271.86
SBX-77 N Metering - Non-Billable	10,000.00	93.00	1,560.33	20,000.00	7.80%	3,800.27
<b>Irrigation Facilities - South</b>						
Salaries	166,327.34	18,283.60	132,162.80	153,420.82	86.14%	150,446.40
Employee Benefits	99,796.40	13,031.95	85,368.97	92,052.49	92.74%	90,222.75
Workers' Compensation	15,000.00	0.00	10,099.77	15,000.00	67.33%	11,748.12
Unemployment Insurance	0.00	0.00	0.00	0.00	0.00%	0.00
Insurance - Property	0.00	0.00	0.00	2,250.00	0.00%	0.00
Auto Fuel	13,000.00	1,052.03	11,170.26	10,000.00	111.70%	12,222.29
Auto Repairs	7,500.00	46.53	7,249.95	7,500.00	96.67%	7,508.59
Gauging Equip/Supplies	5,000.00	0.00	1,236.57	6,500.00	19.02%	1,236.57
Canal Maintenance & Repair	63,141.05	17,024.59	35,081.08	25,000.00	140.32%	52,105.67
Communications	4,000.00	395.55	4,148.86	4,000.00	103.72%	4,148.86
Other Agency Services	1,500.00	622.93	1,634.87	15,000.00	10.90%	1,634.87
Irr Bypass Gauging Station	12,000.00	1,459.58	10,784.69	0.00	0.00%	10,784.69
Irr Wildlife Specialist	23,000.00	0.00	20,000.00	20,000.00	100.00%	20,000.00
Fish Screen Maintenance	63,890.60	0.00	1,463.75	100,000.00	1.46%	1,463.75
Tailwater South	2,500.00	0.00	44.13	2,500.00	1.77%	44.13
S. Canal Water Costs	2,500.00	0.00	1,712.34	2,500.00	68.49%	1,712.34
SBX-77 S Metering	40,000.00	4,159.52	26,197.06	50,000.00	52.39%	28,109.90
SBX-77 S Metering - Non-Billable	11,500.00	0.00	9,494.91	7,500.00	126.60%	9,751.55
Wheatland Canal Pump #1	60,000.00	7,373.34	53,747.58	60,000.00	89.58%	53,747.58
Wheatland Canal Pump #2&3	65,000.00	3,894.26	36,088.68	65,000.00	55.52%	38,393.28
<b>Groundwater Management</b>						
Monitoring Wells - Brophy	5,000.00	0.00	0.00	7,500.00	0.00%	0.00
Monitoring Wells - YCWA	50,000.00	2,302.17	24,127.13	75,000.00	32.17%	43,118.65
Groundwater Management	200,000.00	7,559.88	163,230.98	200,000.00	81.62%	188,230.98
SGMA Implementation	75,000.00	2,526.58	27,469.99	125,000.00	21.98%	27,469.99
Grant: Groundwater Sustainability Plan	471,693.56	22,881.25	444,804.50	893,948.00	49.76%	474,804.50
Grant: DWR Prop 1 DACI Grant	2,000,000.00	38,256.73	628,200.00	0.00	0.00%	628,200.00
Non-MU Wells	12,500.00	0.00	449.96	12,500.00	3.60%	449.96
<b>Accord</b>						
Yuba Accord - Long Term	125,000.00	11,624.17	86,159.46	125,000.00	68.93%	86,571.37
Water Transfer - 2017	0.00	0.00	0.00	0.00	0.00%	0.00
Water Transfer - 2018	0.00	0.00	15,231.25	50,000.00	30.46%	15,231.25
Water Transfer - 2019	25,000.00	52,663.72	146,170.37	125,000.00	116.94%	146,170.37
Water Transfer - 2020	33,000.00	0.00	0.00	0.00	0.00%	0.00
Cordua GWS Transfer - Billable	0.00	0.00	(21,913.25)	17,500.00	(125.22%)	(21,913.25)
<b>Grants/Loan</b>						
NYWD Income Survey - Forbestown Ditch	15,000.00	0.00	20,000.66	35,000.00	57.14%	20,000.66
NYWD Forbestown Ditch Local Share	0.00	0.00	0.00	0.00	0.00%	0.00
Yuba Co Water Resources Engineer	125,825.00	0.00	52,914.76	264,304.00	20.02%	264,304.00
<b>Miscellaneous</b>						
Bay Delta Issues	1,100,000.00	127,270.43	1,290,870.82	1,100,000.00	117.35%	1,418,141.25
IRWMP Ongoing Management	145,000.00	172,509.60	187,829.33	100,000.00	187.83%	187,829.33
Ag Water Plan SBX-77	25,000.00	0.00	19,041.75	100,000.00	19.04%	19,041.75
	5,189,601.90	558,247.95	4,142,624.16	4,661,475.31	88.87%	4,606,145.28

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>FLOOD RISK REDUCTION</b>						
Yuba Basin & General Flood	200,000.00	12,692.00	157,291.57	200,000.00	78.65%	189,632.83
Forecasted Coordinated Ops	75,000.00	7,103.50	117,847.15	175,000.00	67.34%	137,295.44
Forecast Informed Reservoir Operations	500,000.00	0.00	0.00	0.00	0.00%	0.00
Flood General Studies	75,000.00	2,238.50	27,572.58	75,000.00	36.76%	55,475.25
Long Term Planning	0.00	0.00	0.00	0.00	0.00%	0.00
TRLIA Bond Refinancing	5,465,048.50	0.00	2,565,998.67	3,634,421.01	70.60%	2,565,998.67
North Training Wall - Hallwood	0.00	420.00	84,757.85	100,000.00	84.76%	84,757.85
<b>Grants/Loans</b>						
RD2103 & 817 Consolidation Eval - MBK	36,774.73	0.00	23,225.27	60,000.00	38.71%	23,225.27
RD2103 & 817 DWR FSRP Local Share	0.00	0.00	54,402.56	54,402.56	100.00%	54,402.56
RD784 & 817 Gravel Grant	0.00	0.00	50,973.98	50,000.00	101.95%	50,973.98
MLC DWR FSRP Grant	0.00	0.00	26,169.67	26,169.67	100.00%	26,169.67
Yuba Co OES Staff	165,120.00	0.00	107,785.00	107,785.00	100.00%	107,785.00
Yuba Co Sheriff	265,214.00	0.00	135,700.00	135,700.00	100.00%	135,700.00
Yuba Co Storm Water Portable Pump	0.00	0.00	0.00	75,000.00	0.00%	75,000.00
Yuba Co Storm Readiness	180,046.00	0.00	511,696.00	511,696.00	100.00%	511,696.00
Yuba Co Public Works Drainage	2,028,104.00	0.00	455,707.61	758,148.00	60.11%	758,148.00
Yuba Co PW 7th Ave Widening	475,000.00	0.00	0.00	0.00	0.00%	0.00
RD784 Boundary Adjustment	0.00	0.00	0.00	10,000.00	0.00%	0.00
RD784 Hydraulic Mapping	12,296.50	0.00	52,703.50	65,000.00	81.08%	65,000.00
RD784 Prop 218 Benefit Assessment Election	69,372.51	280,627.49	280,627.49	280,627.49	100.00%	280,627.49
RD817 Emergency Study	0.00	0.00	7,907.50	7,907.50	100.00%	7,907.50
RD817 Bear River Setback Levee	275,000.00	0.00	0.00	0.00	0.00%	0.00
Marysville/MBK 200Yr Report	9,216.42	0.00	4,197.64	13,414.06	31.29%	13,414.06
Marysville Ring Levee - 17th Street Pump Station	38,132.53	11,251.20	52,867.47	91,000.00	58.10%	52,867.47
Marysville Ring Levee - Certifications	200,000.00	0.00	0.00	0.00	0.00%	0.00
Continued Ring Levee Support	250,000.00	15,239.40	15,239.40	250,000.00	6.10%	15,239.40
RD10 Toe Access Corridor	1,300,000.00	0.00	0.00	860,000.00	0.00%	0.00
RD10 Prelim Levee Problem ID Study	252,251.41	60,755.63	497,748.59	750,000.00	66.37%	536,992.96
RD10 DWR FSRP Local Share	0.00	0.00	151,553.00	151,553.00	100.00%	151,553.00
Wheatland FEMA LAMP Study	126,167.00	5,978.00	23,833.00	150,000.00	15.89%	23,833.00
Ellis Lake Pump Station & Pipe	0.00	0.00	200,641.50	200,641.50	100.00%	200,641.50
Future Flood Projects - Budget Only	2,335,000.00	0.00	0.00	92,570.17	0.00%	0.00
	14,332,743.60	396,305.72	5,606,447.00	8,886,035.96	63.09%	6,124,336.90
<b>RIVER MANAGEMENT</b>						
Office Equipment/IT	7,500.00	0.00	0.00	7,500.00	0.00%	0.00
RMT Routine Operations	45,000.00	2,000.00	36,768.35	45,000.00	81.71%	42,935.52
RMT - NGO Rep	25,000.00	0.00	0.00	25,000.00	0.00%	0.00
RMT - PSMFC	472,500.00	27,508.26	359,458.93	472,500.00	76.08%	459,947.41
PSMFC F&G Tag Grant	0.00	0.00	0.00	0.00	0.00%	0.00
RMF Steelhead	0.00	0.00	0.00	0.00	0.00%	0.00
<b>In Kind Contribution</b>						
RMF In Kind	20,000.00	1,969.26	15,366.72	20,000.00	76.83%	20,000.00
River Mapping	0.00	0.00	0.00	0.00	0.00%	0.00
	570,000.00	31,477.52	411,594.00	570,000.00	72.21%	522,882.93
<b>FISHERY ENHANCEMENT</b>						
Lower Yuba River Tech Group	0.00	0.00	0.00	0.00	0.00%	0.00
Grant: CDFW South Screen Planning	140,911.81	58,748.32	159,088.19	300,000.00	53.03%	159,088.19
Temperature Advisory Committee	0.00	0.00	0.00	0.00	0.00%	0.00
General Fisheries	50,000.00	0.00	22,103.10	50,000.00	44.21%	37,161.79
Educational Programs	1,250.00	0.00	0.00	1,250.00	0.00%	0.00
RMT Rep and M&E Program	30,000.00	1,425.00	42,252.66	30,000.00	140.84%	43,677.66
NMFS Biological Opinion	225,000.00	0.00	141,508.15	225,000.00	62.89%	156,508.15
Fishery Re Think Tank	0.00	0.00	0.00	2,500.00	0.00%	0.00
COE Recon Study	85,000.00	3,942.00	90,266.33	150,000.00	60.18%	90,266.33
	532,161.81	64,115.32	455,218.43	758,750.00	60.00%	486,702.12
<b>RELICENSING</b>						
General Support	175,000.00	13,793.80	187,331.18	175,000.00	107.05%	201,124.98
Hydrology/Operations Model	0.00	0.00	0.00	0.00	0.00%	0.00
Studies G&A	50,000.00	9,504.90	35,793.05	75,000.00	47.72%	47,649.87
PME Measures	0.00	0.00	0.00	75,000.00	0.00%	0.00
Post Appl Filing Activities	50,000.00	18,746.50	501,081.16	500,000.00	100.22%	519,827.66
CEQA	0.00	0.00	0.00	2,500.00	0.00%	0.00
Client Direct Work	500,000.00	14,278.02	846,581.38	750,000.00	112.88%	870,581.38
Yuba Watershed/YSF	10,000.00	0.00	6,315.73	40,000.00	15.79%	9,509.45
Yuba Salmon Partnership Initiative	150,000.00	7,385.00	128,456.42	250,000.00	51.38%	147,153.40
Grant: Watershed Restoration Grant Administration	94,368.12	0.00	205,631.88	300,000.00	68.54%	205,631.88
NBB Secondary Spillway	4,400,000.00	112,175.75	1,471,164.39	2,788,931.41	52.75%	1,871,164.39
YCWA Labor	193,025.00	26,526.96	226,216.41	186,949.00	121.00%	252,743.37
	5,622,393.12	202,410.93	3,608,571.60	5,143,380.41	70.16%	4,125,386.38

YUBA COUNTY WATER AGENCY  
Income Statement - General Fund  
For the Ten Months Ending Tuesday, April 30, 2019

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>COMMUNITY WATER PROJECTS</b>						
Community Relations	300,000.00	73,165.97	276,628.88	225,000.00	122.95%	300,430.59
Communications	275,000.00	23,801.71	222,328.78	250,000.00	88.93%	246,130.49
Memberships/Dues	140,000.00	8,171.00	104,699.03	125,000.00	83.76%	112,870.03
<b>Grants/Loans</b>						
Wildlife Services Program - EIR Support	50,000.00	0.00	0.00	50,000.00	0.00%	0.00
Friends of Fish & Game	6,000.00	0.00	0.00	6,000.00	0.00%	0.00
Yuba Co Fire Safe/Forester	32,000.00	9,443.53	38,443.52	32,000.00	120.14%	38,443.52
Yuba Co Sheriff - Search & Rescue Radio	0.00	0.00	4,430.00	4,430.00	100.00%	4,430.00
Yuba Co Sheriff - Environmental Crimes	0.00	0.00	20,000.00	20,000.00	100.00%	20,000.00
Camptonville Water System Improvement	0.00	0.00	0.00	0.00	0.00%	0.00
Camptonville CSD Emergency Response Vehicle	0.00	0.00	39,575.00	39,575.00	100.00%	39,575.00
Bill Shaw Rescue Equipment & Training Grant	100,000.00	28,500.00	78,500.00	50,000.00	157.00%	78,500.00
Camptonville Community Partnership - Biomass	35,525.00	6,975.00	290,975.00	326,500.00	89.12%	290,975.00
Blue Forest Resilience Bond	300,000.00	0.00	0.00	300,000.00	0.00%	0.00
RHA Water Coordination Program	239,169.45	6,189.70	60,830.55	300,000.00	20.28%	64,529.45
Future Community Projects - Budget Only	737,305.55	0.00	0.00	364,495.00	0.00%	0.00
	2,215,000.00	156,246.91	1,136,410.76	2,093,000.00	54.30%	1,195,884.08
<b>Total Expenses</b>	<b>37,181,862.72</b>	<b>2,257,767.87</b>	<b>21,693,213.61</b>	<b>30,302,681.71</b>	<b>71.59%</b>	<b>24,167,723.09</b>
<b>Income(Loss) Before Operating Transfers</b>	<b>(27,978,030.57)</b>	<b>(2,255,619.99)</b>	<b>(3,563,346.46)</b>	<b>(16,574,468.40)</b>	<b>21.50%</b>	<b>(4,503,474.11)</b>



Yuba County Water Agency  
 General Fund 2019/2020 Proposed Budget  
 Large Maintenance & CIP

Project	Core Mission	Notes	June Proposed	
			Estimated Remaining Cost	2019/2020
GRANT: DWR Prop 1 DACI	Water Resources	Burdick Task Order #1718-000015	\$ 3,700,000.00	\$ 2,000,000.00
SGMA Implementation	Water Resources	Woodward & Curan Expired TO. GSP Formulation - No TO's yet.	\$ 75,000.00	\$ 75,000.00
IRWMP Ongoing Mgt	Water Resources	Update plan, capacity building. March 1 Ending Date. Creating	\$ 145,000.00	\$ 145,000.00
GRANT: GSP Formulation	Water Resources	three contractor (Burdick, Stantec, Woodard & Curan)	\$ 471,693.56	\$ 471,693.56
Hydrographer Remote Site Access Safety Upgrades	Water Resources	Contractor= RESA	\$ 35,719.00	\$ 35,719.00
Groundwater Management	Water Resources	w/C.Johnck. GW Monitoring programs, prep for GW Transfers.	\$ 200,000.00	\$ 200,000
Bay Delta	Water Resources		\$ 1,100,000	\$ 1,100,000
North Yuba Water District - income Survey	Water Resources	Income survey	\$ 15,000	\$ 15,000
Yuba Co Water Resources Engineer Tech	Water Resources		\$ 629,125	\$ 125,825
Secondary Spillway	Relicensing	Design	\$ 4,400,000	\$ 4,400,000
Watershed Restoration Grant Administration	Relicensing	Tom Johnson & McMillan Jacobs. End date 12/31/2018	\$ 94,368	\$ 94,368
Yuba County Public Works Drainage	Flood Risk Reduction	Drainage Operations & Maintenance	\$ 2,028,104	\$ 2,028,104
Yuba County Public Works CIP	Flood Risk Reduction	N Beale, Olivehurst projects	\$ 475,000	\$ 475,000
Yuba County Storm Readiness	Flood Risk Reduction	USDA Wildlife Specialist Contract	\$ 180,046	\$ 180,046
Yuba County OES Funding	Flood Risk Reduction	OES Flood Protection Work Grant	\$ 165,120	\$ 165,120
Yuba County TRLIA	Flood Risk Reduction		\$ 27,325,245	\$ 5,465,049
Forecast Informed Reservoir Operations (FIRO)	Flood Risk Reduction	\$300/yr for three years due to cost share	\$ 1,100,000	\$ 500,000
RD784: Prop 218 O&M Assessment District	Flood Risk Reduction	Support Prop 218 election. Improving levee O&M for urban area	\$ 69,373	\$ 69,373
Marysville: Continued Ring Levee Support project	Flood Risk Reduction	Funding to be reimbursed through Levee Assessments	\$ 1,296,142	\$ 250,000
Marysville: Levee Certification	Flood Risk Reduction	FMSP	\$ 200,000	\$ 200,000
RD10: LOI & SWIF Plan	Flood Risk Reduction	plans to reduce risk of levee failure	\$ 75,000	\$ 75,000
RD10: Toe Access Corridor project	Flood Risk Reduction	assist in flood fighting and levee maintenance	\$ 3,050,000	\$ 1,300,000
RD2103, 817 & Wheatland: Bear River Setback Levee Construction	Flood Risk Reduction	Cost share with DWR to repair levee. FMSP Objective #2	\$ 1,100,000	\$ 275,000
N1 Acquisition – Comm	Administration/Facilities/IT	during the 18-19 fiscal year, and connecting this plant to the	\$ 380,000	\$ 300,000
GRANT: Blue Forest Resilience Bond Initiative	Community Water Projects	YCWA share of pilot project; yr 1 of 5 year commitment	\$ 1,500,000	\$ 300,000
Bill Shaw Grants	Community Water Projects	Bill Shaw Grants	\$ 100,000	\$ 100,000
RHA Water Coordination Program	Community Water Projects	RHA Water Coordination Program w/ PG&E	\$ 245,359	\$ 245,359
Camptonville Community Partnership - Biomass	Community Water Projects	Camptonville Comm. Partnership-Biomass	\$ 42,500	\$ 42,500
Reserved for Community Grants	Community Water Projects		\$ 4,737,306	\$ 737,305.55
			\$ 85,405,800	\$ 21,370,462

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>Operating Revenue</b>						
Electric Sales	66,643,699.00	\$6,181,791.95	\$77,473,744.90	\$57,068,462.00	133.45%	84,274,035.98
Fees, Contracts, & Agreements	(3,831,433.00)	(110,769.95)	(4,052,617.08)	(4,786,421.00)	84.67%	(4,492,944.82)
<b>Total Operating Revenue</b>	<b>62,812,266.00</b>	<b>6,071,022.00</b>	<b>73,421,127.82</b>	<b>52,282,041.00</b>	<b>137.91%</b>	<b>79,781,091.16</b>
<b>Non-Operating Revenue (Expense)</b>						
Rec Cap Facility Fees	17,770.38	25,738.00	34,288.00	44,735.00	76.65%	45,000.00
Camping Fees - Marina	29,688.00	81,593.00	111,281.00	113,065.93	98.42%	111,281.00
Emerald Cove Marina Rent	73,052.90	9,911.81	82,964.71	148,346.00	55.93%	82,964.71
House - Bullards Rent	6,000.00	500.00	5,500.00	6,000.00	91.67%	6,000.00
Interest Income - EGC	15,543.84	14.51	15,291.59	15,758.47	97.04%	15,541.59
Interest Income - RCIP	1,862.71	0.00	1,694.95	875.86	193.52%	1,862.71
Interest Income - 779	(2,411.21)	11.90	(4.69)	500.00	(0.94%)	(2,411.21)
Interest Expense - 779	(168.30)	(17.29)	(210.59)	0.00	0.00%	(168.30)
Misc Revenue	26,461.45	0.00	26,440.45	0.00	0.00%	26,461.45
FEMA Public Assistance Grant Program	1,442,866.74	0.00	0.00	0.00	0.00%	0.00
<b>Total Non-Operating Revenue (Expense)</b>	<b>1,610,666.50</b>	<b>117,751.93</b>	<b>159,493.49</b>	<b>329,281.26</b>	<b>84.20%</b>	<b>286,531.94</b>
<b>Total Revenues</b>	<b>64,422,932.50</b>	<b>6,188,773.93</b>	<b>73,580,621.31</b>	<b>52,611,322.26</b>	<b>122.06%</b>	<b>80,067,623.10</b>
<b>Operating Expense</b>						
<b>Maintenance</b>						
Colgate Unit 1						
Maintenance of Electrical Plant Materials	194,313.29	15,000.94	234,934.18	226,811.98	103.58%	238,788.18
Maintenance of Electrical Plant Labor	1,077,119.52	86,349.41	1,054,832.88	1,028,819.12	102.53%	1,138,162.83
Maintenance of Electrical Plant Services	93,146.18	4,666.83	93,372.21	150,134.91	62.19%	98,425.03
	1,364,579.00	106,017.18	1,383,139.27	1,405,766.01	98.39%	1,475,376.04
Colgate Unit 2						
Maintenance of Electrical Plant Materials	172,259.79	15,000.95	228,973.63	174,579.51	131.16%	240,000.00
Maintenance of Electrical Plant Labor	1,095,644.17	87,502.08	928,765.35	906,327.65	102.48%	1,010,079.96
Maintenance of Electrical Plant Services	169,752.05	4,666.83	149,027.88	235,684.84	63.23%	156,495.28
	1,437,656.00	107,169.86	1,306,766.86	1,316,592.00	99.25%	1,406,575.24
Narrows 2						
Maintenance of Electrical Plant Materials	82,769.09	2,677.86	36,732.72	75,363.45	48.74%	40,512.75
Maintenance of Electrical Plant Labor	504,069.00	30,454.21	335,565.74	504,069.00	66.57%	392,699.78
Maintenance of Electrical Plant Services	431,598.91	19,478.93	74,784.74	99,956.54	74.82%	74,784.74
Maintenance of Misc Plant, Equip, Rds Materials	42,114.20	2,559.29	22,594.93	43,906.00	51.46%	23,500.00
Maintenance of Misc Plant, Equip, Rds Labor	48,715.78	(140.51)	11,911.80	55,303.00	21.54%	24,421.59
Maintenance of Misc Plant, Equip, Rds Services	333,749.02	401.47	9,552.89	190,791.00	5.01%	37,145.83
	1,443,016.00	55,431.25	491,142.82	969,388.99	50.67%	593,064.69
Mini Hydro						
Maintenance of Electrical Plant Materials	5,700.00	138.16	3,775.70	6,128.00	61.61%	5,564.72
Maintenance of Electrical Plant Labor	11,020.00	12,494.61	13,228.09	14,612.00	90.53%	13,228.09
Maintenance of Electrical Plant Services	21,280.00	0.00	0.00	26,760.00	0.00%	4,140.58
	38,000.00	12,632.77	17,003.79	47,500.00	35.80%	22,933.39
Common Plant						
Maintenance of Structures Materials	22,797.72	1,819.98	18,499.49	21,924.00	84.38%	19,500.00
Maintenance of Structures Labor	31,579.17	6,069.69	26,341.04	26,029.50	101.20%	28,500.00
Maintenance of Structures Services	50,623.12	5,515.81	33,361.86	57,046.50	58.48%	39,739.02
Maintenance of Waterways Materials	83,367.36	1,807.18	17,942.58	64,019.63	28.03%	37,671.26
Maintenance of Waterways Labor	91,181.52	374.62	14,976.19	49,966.19	29.97%	41,202.25
Maintenance of Waterways Services	1,265,422.12	401.47	528,817.73	498,972.19	105.98%	571,807.07
Maintenance of Electrical Plant Materials	56,757.62	2,678.03	58,157.81	76,258.00	76.26%	63,335.84
Maintenance of Electrical Plant Labor	163,358.16	10,993.82	168,797.59	66,471.00	253.94%	182,291.41
Maintenance of Electrical Plant Services	20,658.23	2,981.47	17,571.05	37,271.00	47.14%	23,052.52
Maintenance of Misc Plant, Equip, Rds Materials	275,105.45	18,322.46	202,479.88	198,257.86	102.13%	208,599.89
Maintenance of Misc Plant, Equip, Rds Labor	494,409.22	59,335.27	341,351.07	329,944.19	103.46%	374,887.92
Maintenance of Misc Plant, Equip, Rds Services	439,438.33	53,209.78	333,206.00	502,020.15	66.37%	333,206.00
	2,994,698.00	163,509.58	1,761,502.29	1,928,180.21	91.36%	1,923,793.18
Reservoirs, Dams, Waterways						
Maintenance of Reservoirs,Dams,Waterways Materials	112,335.31	11,073.76	105,895.19	327,656.08	32.32%	141,615.79
Maintenance of Reservoirs,Dams,Waterways Labor	482,189.99	60,683.87	399,691.65	768,464.03	52.01%	601,570.73
Maintenance of Reservoirs,Dams,Waterways Services	4,162,624.70	146,549.90	5,103,255.69	6,162,400.63	82.81%	5,127,861.00
	4,757,150.00	218,307.53	5,608,842.53	7,258,520.74	77.27%	5,871,047.60
Gauging Stations						
Maintenance of Misc Plant, Equip, Rds Materials	38,384.97	42,241.00	64,967.79	43,213.78	150.34%	64,967.79
Maintenance of Misc Plant, Equip, Rds Labor	324,890.82	25,848.39	255,571.43	262,646.86	97.31%	388,845.72
Maintenance of Misc Plant, Equip, Rds Services	127,125.22	4,787.29	95,141.61	155,589.92	61.15%	104,716.19
	490,401.00	72,876.68	415,680.83	461,450.56	90.08%	558,529.70

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>Other Sites</b>						
Maintenance of Misc Plant, Equip, Rds Materials	55,471.95	2,830.38	16,592.48	19,953.20	83.16%	16,592.48
Maintenance of Misc Plant, Equip, Rds Labor	25,673.40	892.77	12,266.41	20,243.70	60.59%	13,281.72
Maintenance of Misc Plant, Equip, Rds Services	33,104.65	1,965.53	8,937.39	42,803.10	20.88%	10,033.88
	114,250.00	5,688.68	37,796.28	83,000.00	45.54%	39,908.08
<b>Recreation</b>						
Maintenance of Recreational Facilities Materials	112,903.05	9,260.90	66,166.43	72,360.95	91.44%	88,404.82
Maintenance of Recreational Facilities Labor	298,836.09	48,592.01	206,069.18	228,844.70	90.05%	233,993.24
Maintenance of Recreational Facilities Services	1,241,800.86	49,327.62	713,198.88	1,078,786.78	66.11%	1,021,676.74
	1,653,540.00	105,626.99	985,434.49	1,379,992.43	71.41%	1,344,074.80
<b>Total Maintenance</b>	<b>14,293,290.00</b>	<b>847,260.52</b>	<b>12,007,309.16</b>	<b>14,850,390.94</b>	<b>80.86%</b>	<b>13,235,302.72</b>
<b>Operations</b>						
<b>Colgate Unit 1</b>						
Electric Expenses - Control Room Operation Materials	1,420.00	891.07	2,324.54	1,419.99	163.70%	2,324.54
Electric Expenses - Control Room Operation Labor	966,418.20	98,738.73	787,842.56	955,404.01	82.46%	970,912.82
Electric Expenses - Control Room Operation Services	30,000.00	1,512.50	26,008.74	32,456.99	80.13%	27,698.97
<b>Colgate Unit 2</b>						
Electric Expenses - Control Room Operation Materials	100.00	0.00	97.20	1,419.99	6.85%	97.20
Electric Expenses - Control Room Operation Labor	966,418.20	90,127.42	748,903.62	954,491.16	78.46%	949,192.29
Electric Expenses - Control Room Operation Services	30,000.00	1,512.50	25,425.56	33,369.84	76.19%	27,417.89
<b>Narrows 2</b>						
Electric Expenses - Control Room Operation Materials	100.00	0.00	0.00	0.00	0.00%	34.00
Electric Expenses - Control Room Operation Labor	263,568.60	14,836.13	132,259.09	251,420.39	52.60%	169,383.46
Electric Expenses - Control Room Operation Services	0.00	0.00	0.00	110.61	0.00%	0.00
Hydraulic Plant Expenses- Plant Inspection Operation Materials	0.00	0.00	0.00	0.00	0.00%	0.00
Hydraulic Plant Expenses- Plant Inspection Operation Labor	0.00	0.00	0.00	0.00	0.00%	0.00
Hydraulic Plant Expenses- Plant Inspection Operation Services	0.00	0.00	0.00	0.00	0.00%	0.00
<b>Common Plant</b>						
Hydraulic Plant Expenses- Plant Inspection Operation Materials	0.00	0.00	0.00	0.00	0.00%	0.00
Hydraulic Plant Expenses- Plant Inspection Operation Labor	0.00	0.00	0.00	0.00	0.00%	0.00
Hydraulic Plant Expenses- Plant Inspection Operation Services	0.00	0.00	0.00	0.00	0.00%	0.00
<b>Total Operations</b>	<b>2,258,025.00</b>	<b>207,618.35</b>	<b>1,515,242.96</b>	<b>2,230,092.98</b>	<b>77.26%</b>	<b>2,147,061.17</b>
<b>Administrative &amp; General</b>						
Maintenance - Rents	217,000.00	15,641.44	151,315.30	250,000.00	60.53%	198,239.62
Misc Hydraulic Power Generation Materials	900,000.00	31,099.30	265,659.60	250,000.00	106.26%	327,858.20
Misc Hydraulic Power Generation Labor	350,000.00	33,975.66	356,490.07	215,000.00	165.81%	424,441.39
Misc Hydraulic Power Generation Services	400,000.00	33,250.21	361,678.31	381,132.00	94.90%	461,428.94
PERS Unfunded Liability Buy Down	100,000.00	0.00	36,164.25	135,000.00	26.79%	83,382.25
OPEB Annual Req Contribution	242,000.00	242,000.00	242,000.00	325,000.00	74.46%	242,000.00
HR & Recruiting Materials	90,000.00	13,489.71	95,465.46	75,000.00	127.29%	108,955.17
HR & Recruiting Labor/Services	200,000.00	14,245.07	167,617.89	180,000.00	93.12%	190,864.69
Communications Services	0.00	0.00	0.00	0.00	0.00%	0.00
Dues - Memberships	92,500.00	105.00	80,538.00	50,000.00	161.08%	82,633.00
Utilities & Pest Services	0.00	0.00	0.00	0.00	0.00%	0.00
Gardner - Janitor Services	0.00	0.00	0.00	0.00	0.00%	0.00
Audit/Actuary Services	17,500.00	3,500.00	20,374.80	15,000.00	135.83%	22,874.80
Insurance - Admin Property & Liability	540,000.00	21,353.28	469,442.53	345,000.00	136.07%	512,149.09
Insurance - Workers' Comp	145,000.00	0.00	138,632.43	100,000.00	138.63%	138,632.43
Insurance - Unemployment	3,200.00	0.00	0.00	7,500.00	0.00%	2,175.03
Insurance - Property	0.00	0.00	0.00	225,000.00	0.00%	41,163.43
Insurance - Business Interruption	12,500.00	0.00	0.00	12,500.00	0.00%	6,095.72
Misc Engineering Services	50,000.00	13,602.14	37,953.70	50,000.00	75.91%	50,453.70
Misc Legal Services	25,000.00	2,719.72	22,165.32	25,000.00	88.66%	24,885.04
Water Rights Fees Services	120,000.00	0.00	115,757.98	120,000.00	96.46%	115,757.98
Bank/Trustee Fees	0.00	0.00	0.00	4,000.00	0.00%	0.00
FERC Comp Labor	0.00	0.00	0.00	1,500.00	0.00%	30.00
FERC Admin Fee	487,335.17	0.00	104,949.30	461,175.00	22.76%	461,175.00
DWR Dam Fees	225,689.00	15,672.83	172,401.13	188,074.00	91.67%	188,074.00
Slate Creek Water Rights Materials	0.00	0.00	0.00	0.00	0.00%	0.00
Slate Creek Water Rights Labor	0.00	0.00	0.00	0.00	0.00%	0.00
Slate Creek Water Rights Services	0.00	0.00	0.00	0.00	0.00%	0.00
Endangered Species Services	4,500.00	0.00	0.00	10,000.00	0.00%	3,159.89
Emergency Action Plan Materials	1,000.00	0.00	567.69	0.00	0.00%	567.69
Emergency Action Plan Labor	10,000.00	(8.35)	707.60	10,000.00	7.08%	991.44
Emergency Action Plan Services	134,000.00	0.00	812.50	40,000.00	2.03%	812.50
Invasive Species Services	500.00	0.00	0.00	1,200.00	0.00%	0.00
<b>Total Administration</b>	<b>4,367,724.17</b>	<b>440,646.01</b>	<b>2,400,047.85</b>	<b>3,477,081.00</b>	<b>81.70%</b>	<b>3,688,801.00</b>
<b>Total Operating Expenses</b>	<b>20,919,039.17</b>	<b>1,495,524.88</b>	<b>15,922,599.97</b>	<b>20,557,564.92</b>	<b>80.61%</b>	<b>19,071,164.89</b>
<b>Capital Projects</b>						
<b>Colgate Unit 1</b>						
CIP - Waterwheels, Turbines, Generators Materials	140,000.00	0.00	416,152.05	369,603.30	112.59%	416,152.05
CIP - Waterwheels, Turbines, Generators Labor	26,559.00	(2,865.24)	275,930.37	201,800.05	136.73%	385,308.10
CIP - Waterwheels, Turbines, Generators Services	20,000.00	0.00	159,168.24	61,422.11	259.14%	159,168.24
	186,559.00	5,057.73	854,115.90	632,825.46	134.52%	960,628.39

	Proposed Budget 2019/2020	Actual May	Actual Year-to-Date	Budget 2018/2019	% Budget	Projected 06/30/2019
<b>Colgate Unit 2</b>						
CIP - Waterwheels, Turbines, Generators Materials	0.00	0.00	402,898.90	369,603.30	109.01%	402,898.90
CIP - Waterwheels, Turbines, Generators Labor	0.00	(3,021.17)	282,819.77	126,800.05	223.04%	395,033.53
CIP - Waterwheels, Turbines, Generators Services	0.00	0.00	159,068.45	136,422.11	116.60%	159,068.45
	0.00	(3,021.17)	844,787.12	632,825.46	133.49%	957,000.88
<b>Narrows 2</b>						
CIP - Structures & Improvements Materials	0.00	0.00	0.00	0.00	0.00%	0.00
CIP - Structures & Improvements Labor	25,000.00	0.00	0.00	30,000.00	0.00%	0.00
CIP - Structures & Improvements Services	135,000.00	0.00	3,599.14	100,750.00	3.57%	3,599.14
CIP - Reservoirs,Dams,Waterways Materials	0.00	0.00	0.00	0.00	0.00%	0.00
CIP - Reservoirs,Dams,Waterways Labor	12,500.00	3,830.39	7,884.14	10,000.00	78.84%	13,997.35
CIP - Reservoirs,Dams,Waterways Services	48,200.00	17,159.50	63,763.75	46,000.00	138.62%	72,040.75
CIP - Waterwheels, Turbines, Generators Materials	477,980.00	0.00	0.00	277,250.00	0.00%	0.00
CIP - Waterwheels, Turbines, Generators Labor	98,675.00	3,133.37	33,862.27	74,000.00	45.76%	34,277.35
CIP - Waterwheels, Turbines, Generators Services	503,794.00	0.00	125,169.18	397,470.00	31.49%	264,283.68
CIP - Accessory Electrical Equipment Materials	0.00	0.00	11,625.02	35,000.00	33.21%	11,625.02
CIP - Accessory Electrical Equipment Labor	0.00	2,377.21	25,132.39	20,000.00	125.66%	26,112.39
CIP - Accessory Electrical Equipment Services	0.00	15,975.40	43,287.00	120,000.00	36.07%	45,787.00
	1,301,149.00	42,475.87	314,322.89	1,110,470.00	28.31%	471,722.68
<b>Common Plant</b>						
CIP - Structures & Improvements Materials	50,000.00	0.00	440,445.62	515,000.00	85.52%	440,445.62
CIP - Structures & Improvements Labor	36,250.00	2,392.37	153,059.15	128,800.00	118.83%	209,450.32
CIP - Structures & Improvements Services	8,772,395.00	34,049.16	389,017.16	1,189,825.68	32.70%	389,017.16
CIP - Reservoirs,Dams,Waterways Materials	100,000.00	0.00	0.00	0.00	0.00%	0.00
CIP - Reservoirs,Dams,Waterways Labor	30,000.00	3,498.66	12,319.77	0.00	0.00%	15,818.43
CIP - Reservoirs,Dams,Waterways Services	803,800.00	0.00	58,295.00	200,000.00	29.15%	101,341.00
CIP - Accessory Electrical Equipment Materials	132,000.00	0.00	0.00	0.00	0.00%	0.00
CIP - Accessory Electrical Equipment Labor	36,896.00	0.00	0.00	0.00	0.00%	0.00
CIP - Accessory Electrical Equipment Services	350,000.00	3,147.66	3,147.66	225,000.00	1.40%	3,147.66
CIP - Misc Plant Equip, Rds Materials	320,000.00	0.00	55,112.33	180,000.00	30.62%	98,461.07
CIP - Misc Plant Equip, Rds Labor	0.00	0.00	0.00	0.00	0.00%	0.00
CIP - Misc Plant Equip, Rds Services	0.00	0.00	0.00	0.00	0.00%	0.00
	10,631,341.00	43,087.85	1,111,396.69	2,438,625.68	45.57%	1,257,681.26
<b>Reservoirs, Dams, Waterways</b>						
CIP - Structures & Improvements Materials	0.00	0.00	0.00	0.00	0.00%	0.00
CIP - Structures & Improvements Labor	0.00	0.00	0.00	10,000.00	0.00%	0.00
CIP - Structures & Improvements Services	0.00	0.00	0.00	4,050.00	0.00%	0.00
CIP - Reservoirs,Dams,Waterways Materials	0.00	251.79	86,565.90	77,553.00	111.62%	93,338.47
CIP - Reservoirs,Dams,Waterways Labor	30,000.00	(170.97)	178,966.21	170,000.00	105.27%	249,364.41
CIP - Reservoirs,Dams,Waterways Services	702,000.00	6,961.40	668,183.40	674,447.00	99.07%	668,183.40
	732,000.00	7,042.22	933,715.51	936,050.00	99.75%	1,010,886.28
<b>Total Capital Projects</b>	<b>12,851,049.00</b>	<b>94,642.50</b>	<b>4,058,338.11</b>	<b>5,750,796.60</b>	<b>70.52%</b>	<b>4,657,919.49</b>
<b>Total Expenses</b>	<b>33,770,088.17</b>	<b>1,590,167.38</b>	<b>19,980,938.08</b>	<b>26,308,361.52</b>	<b>78.40%</b>	<b>23,729,084.38</b>
<b>Income(Loss) Before Operating Transfers</b>	<b>30,652,844.34</b>	<b>4,598,606.55</b>	<b>53,599,683.23</b>	<b>26,302,960.74</b>	<b>196.76%</b>	<b>56,338,538.72</b>

Yuba County Water Agency  
 Power Systems 2019/2020 Proposed Budget  
 Large Maintenance & CIP

Project	Location	System	June Proposed	
			Estimated Remaining Cost	2019/2020
C1 Pole Flux Probe Installation	C1	GENR	\$ 43,346	\$ 43,346
C1 Generator Pole Refurbishment, Spare Poles	C1	GENR	\$ 186,559	\$ 186,559
C1 Decelerate Unit Using Excitation	C1	GENR	\$ 44,968	\$ 44,968
C1 Turbine Bearing Seal	C1	TURB	\$ 98,364	\$ 98,364
C2 Pole Flux Probe Installation	C2	GENR	\$ 43,346	\$ 43,346
C2 Thrust Bearing Modification	C2	GENR	\$ 65,000	\$ 65,000
C2 Turbine Bearing Seal	C2	TURB	\$ 98,364	\$ 98,364
Security Camera Upgrades (FERC Audit)	CP	CIVL	\$ 75,000	\$ 75,000
Electrical Service Upgrade - Offices	CP	BUIL	\$ 280,000	\$ 280,000
CP 480V Switchgear Replacement	CP	BOPE	\$ 282,464	\$ 148,896
Warehouse & Admin Bldg Construction	CP	BUIL	\$ 23,196,651	\$ 8,443,645
Colgate Penstock Exterior Coating	CP	WTWS	\$ 2,690,607	\$ 1,314,971
Colgate Penstock Shutoff Valve CPSV Rework	CP	WTWS	\$ 5,151,200	\$ 812,800
Cottage Creek Microwave Installation	CP	COMM	\$ 370,000	\$ 370,000
Replace 48 VDC Comm/IT Battery Bank	CP	COMM	\$ 148,500	\$ 5,500
Crane Truck Replacement	CP	FLEET	\$ 1,220,000	\$ 320,000
Colgate Back up Generator	CP	BOPE	\$ 130,680	\$ 110,774
Emergency Warning Siren	CP	CIVL	\$ 132,000	\$ 132,000
Bulkhead Gate Refurbishment and Procurement	CP	BOPM	\$ 257,000	\$ 121,000
Tunnel/Penstock Prep. - Outage related	CP	WTWS	\$ 400,000	\$ 100,000
60 Ton Gantry Crane	CP	BOPM	\$ 350,000	\$ 20,000
Colgate Spoils Pile Inspection	CP	CIVL	\$ 142,830	\$ 74,290
CP Fire System, PG&E 60KV Room	CP	BUIL	\$ 60,000	\$ 60,000
Lake Francis Road Chip Seal	CP	CIVL	\$ 236,480	\$ 12,163
N1 Assessment	N1		\$ 9,600,000	\$ 800,000
N2 GSU Transformer Replacement	N2	BOPE	\$ 1,191,525	\$ 63,675
N2 Tailrace Gate Hoist	N2	CIVL	\$ 448,270	\$ 448,270
N2 Tailrace Gates Refurbishment	N2	CIVL	\$ 60,000	\$ 60,000
N2 Vibration Monitor	N2	AUTO	\$ 302,910	\$ 302,910
N2 Cone Partial Small Bypass Valve Shroud Re-Work	N2	CIVL	\$ 385,700	\$ 60,700
N2 Access Road Repair & Maintenance	N2	CIVL	\$ 256,575	\$ 256,575
N2 Life Extension and Modernization	N2	BOPM	\$ 18,550,000	\$ 50,000
N2 Fire System - VESDA Air Sampling (Plant)	N2	CIVL	\$ 160,000	\$ 160,000
N2 Fixed Cone Valve, Full Bypass, Seat Repair	N2	CIVL	\$ 260,000	\$ 130,000
N2 Pole Flux Probe Installation	N2	GENR	\$ 43,346	\$ 43,346
N2 60KV Breaker Replacement, CB22	N2	BOPE	\$ 253,031	\$ 161,380
N2 RTU Replacement	N2	AUTO	\$ 54,214	\$ 54,214
N2 Fixed Cone Valve, Full Bypass, Design Review	N2	BOPM	\$ 50,000	\$ 50,000
N2 Fixed Cone Valve, Guard Valve, TSV HPU Repairs	N2	BOPM	\$ 30,000	\$ 30,000
N2 Fixed Cone Valve, Full Bypass, PLC	N2	BOPM	\$ 66,704	\$ 33,968
N2 Battery System Replacement, 48VDC	N2	COMM	\$ 28,520	\$ 17,048
N2 Gravel Bar Remediation	N2	CIVL	\$ 1,375,000	\$ 25,000
N2 Guard Valve Repairs	N2	BOPM	\$ 75,000	\$ 20,000
CC Campground	RC	RECR	\$ 806,443	\$ 122,193
Cottage Creek Additional Parking	RC	RECR	\$ 708,000	\$ 78,000
Dark Day Additional Parking	RC	RECR	\$ 708,000	\$ 78,000
Lake Francis Dam Drain 2 - Weir & Cutoff Wall	RC	RECR	\$ 186,627	\$ 186,627
Lake Francis Trail & Road Safety	RC	RECR	\$ 100,000	\$ 100,000
CC Dam	RC	RECR	\$ 2,172,000	\$ 90,000
Lake Francis EAP PMF Development	RC	RECR	\$ 60,000	\$ 60,000
Lake Francis Spillway	RC	RECR	\$ 540,000	\$ 60,000
Lake Francis Spillway Tree Removal	RC	RECR	\$ 30,000	\$ 30,000
NBB Stability Analysis	WA	BDAM	\$ 305,000	\$ 305,000
NBB Penstock Pier Repair	WA	BDAM	\$ 121,000	\$ 55,000
Low Level Outlet (LLO) Valve NBB	WA	BDAM	\$ 1,770,000	\$ 230,000
NBB Dam 3D Geologic Model	WA	BDAM	\$ 202,000	\$ 202,000
NBB Foundation Remediation	WA	BDAM	\$ 1,650,000	\$ 180,000
NBB Spillway Repairs	WA	BDAM	\$ 550,000	\$ 130,000
NBB Robotic Totaling Station (RTS)	WA	BDAM	\$ 190,000	\$ 65,000
UPS Sys for Dam Cameras	WA	BDAM	\$ 50,000	\$ 50,000
NBB Part 12 Inspection	WA	BDAM	\$ 96,667	\$ 96,667
Cottage Creek Access Rd (Rd 169) Lower Slide	WA	BRES	\$ 1,435,728	\$ 1,435,728
NBB Reservoir Bathymetry	WA	BRES	\$ 125,000	\$ 125,000
LC Part 12 Inspection	WA	LOGC	\$ 96,667	\$ 96,667
Our House Flow Bypass	WA	OURH	\$ 672,000	\$ 672,000
Our House Mechanical Sediment Removal	WA	OURH	\$ 12,415,000	\$ 275,000
OH Part 12 Inspection	WA	OURH	\$ 96,667	\$ 96,667
Flow Deviation Mitigation Plan, Woody Trees	WA	YUBA	\$ 267,521	\$ 211,421
EAP / Security Plan 5-yrExcercise	WA	BDAM	\$ 195,000	\$ 145,000
			\$ 94,468,127	\$ 20,924,041

**Definitions**

C1	Colgate Un
C2	Colgate Un
CP	Common P
N2	Narrows 2
N1	Narrows 1
GG	Gauging St:
RC	Recreation
WA	Reservoirs,
BOPE	Balance of
BOPM	Balance of
BUIL	Building
CIVL	Civil
COMM	Communic
GENR	Generator
TURB	Turbine
WTWS	Waterways
BDAM	New Bullar
BRES	New Bullar
OURH	Our House

**Personnel Allocation for 2019-20 Budget**

Position Description		Total FTE	GF	PS
<b>Positions Allocated</b>				
ACCOUNTANT-SUPERVISOR	filled	1	1	
ACCOUNTANT-STAFF	vacant	1	1	
ACCT-ADMIN CLERK	filled	1	1	
ADMINISTRATIVE ASSISTANT	filled	2	1	1
ADMINISTRATIVE COORDINATOR	filled	1	1	
ADMINISTRATIVE MANAGER	filled	1	1	
ADMINISTRATIVE SERVICES OFFICER	filled	1		1
ADMINISTRATIVE TECHNICIAN	filled	2	1	1
ASSET MANAGEMENT ENGINEER	filled	1		1
ASSOCIATE ACCOUNTANT	filled	1	1	
CLERK OF THE BOARD/MANAGEMENT ANALYST	vacant	1	1	
COMMUNICATIONS MANAGER	filled	1	1	
COMMUNITY IMPACT SPECIALIST	filled	1	1	
COMM TECH-SUPERVISING	unfunded	0		0
COMMUNICATIONS TECHNICIAN	unfunded	0		0
COMPLIANCE ENGINEER	filled	1		1
COMPLIANCE MANAGER	filled	1		1
DITCHTENDER-SR.	filled	2	2	
ELECTRICAL TECHNICIAN	vacant	1		1
ELECTRICAL TECH-SUPERVISING	vacant	1		1
ELECTRICIAN	filled	2		2
ENVIRONMENTAL ANALYST	filled	1		1
FINANCE MANAGER	filled	1	1	
GENERAL MANAGER	filled	1	1	
GENERAL MANAGER - ASSISTANT	filled	1	1	
HELP DESK TECHNICIAN-SR.	filled	1	1	
HUMAN RESOURCES ANALYST	filled	1	1	
HUMAN RESOURCES ASSISTANT	filled	1	1	
HUMAN RESOURCES MANAGER	filled	1	1	
HYDRO CONSTRUCTION PROJECT COORDINATOR	filled	1		1
HYDRO ENGINEER-ASSOCIATE	vacant	1		1
HYDRO ENGINEER-SR (CIVIL)	filled	2		2
HYDRO ENGINEER-ELECTRICAL	filled	1		1
HYDRO ENGINEER-MECHANICAL	filled	1		1
HYDRO ENGINEER-PRINCIPAL	filled	1		1
HYDRO ENGINEERING TECHNICIAN	vacant	1		1
HYDRO MAINTENANCE PLANNER/SPECIALIST	vacant	1		1
HYDRO MAINTENANCE WORKER w/D2-T2	1 filled/1 vacant	2		2
HYDROGRAPHER	filled	1		1
HYDROGRAPHER-SR.	filled	1		1
INFORMATION SYSTEMS ANALYST	filled	1	1	
INFORMATION SYSTEMS DEVELOPER	filled	1	1	
INFORMATION SYSTEMS NETWORK ADMINISTRATOR	PROPOSED	1	1	
INFORMATION SYSTEMS MANAGER	filled	1	1	
INFORMATIONS SECURITY ADMINISTRATOR	filled	2	2	
INSTRUMENTATION/COMM TECHNICIAN	filled	1		1
MAINTENANCE MANAGER	filled	1		1
OPERATIONS MANAGER	filled	1		1
OPERATOR	8 filled/1 vacant	9		9
OPERATOR-SR.	filled	1		1
OPERATOR TRAINEE	filled	1		1
PLANT MECHANIC	filled	2		2
PLANT MECHANIC TRAINEE	filled	2		2
POWER CONTRACTS ADMINISTRATOR	filled	1		1
POWER SYSTEMS MANAGER	filled	1		1
PROCUREMENT & CONTRACTS ADMINSTRTOR	filled	1	1	
PROCUREMENT SPECIALIST	filled	1		1
WATER OPERATIONS PROJECT MANAGER	vacant	1	1	
PUBLIC INFORMATION SPECIALIST	filled	1	1	
RELICENSING PROJECT MANAGER	filled	1	1	
SAFETY-RECORDS COORDINATOR	filled	1		1
UTILITY WORKER	filled	3		3
WATER RESOURCES MANAGER	filled	1	1	
WORKING FOREMAN	filled	1		1
<b>CURRENT TOTAL</b>	9 vacancies	81	31	50

Proposed positions 1  
 Net new positions 1