

# Palo Verde Generating Station Executive Cost Report

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**PVGS Executive Cost Report**  
**All Budgets Recap**  
**April 2020**  
(\$ Millions)

	<u>Current Month</u>			<u>Year-to-Date</u>			<u>Year-End Forecast</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
<b>O &amp; M</b>	<b>69.13</b>	<b>66.14</b>	<b>(2.99)</b>	<b>211.11</b>	<b>201.19</b>	<b>(9.92)</b>	<b>582.90</b>	<b>578.90</b>	<b>(4.00)</b>
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	<b>0.61</b>	<b>0.44</b>	<b>(0.17)</b>	<b>42.70</b>	<b>42.70</b>	<b>(0.00)</b>
<b>Sub Total O&amp;M</b>	<b>69.13</b>	<b>66.14</b>	<b>(2.99)</b>	<b>211.72</b>	<b>201.63</b>	<b>(10.09)</b>	<b>625.60</b>	<b>621.60</b>	<b>(4.00)</b>
<b>Capital</b>	<b>31.02</b>	<b>24.50</b>	<b>(6.52)</b>	<b>86.55</b>	<b>63.15</b>	<b>(23.39)</b>	<b>230.70</b>	<b>230.70</b>	<b>0.00</b>
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	-	-	-	<b>2.30</b>	<b>2.30</b>	<b>0.00</b>
	<b>31.02</b>	<b>24.50</b>	<b>(6.52)</b>	<b>86.55</b>	<b>63.15</b>	<b>(23.39)</b>	<b>233.00</b>	<b>233.00</b>	<b>0.00</b>
<b>Nuclear Fuel</b>	<b>36.07</b>	<b>37.52</b>	<b>1.46</b>	<b>112.61</b>	<b>111.95</b>	<b>(0.66)</b>	<b>214.69</b>	<b>214.17</b>	<b>(0.52)</b>
<b>Total</b>	<b>136.22</b>	<b>128.16</b>	<b>(8.06)</b>	<b>410.87</b>	<b>376.73</b>	<b>(34.14)</b>	<b>1,073.29</b>	<b>1,068.77</b>	<b>(4.52)</b>
<b>Net Inventory</b>				<b>170.40</b>	<b>187.37</b>	<b>16.97</b>	<b>170.90</b>	<b>179.44</b>	<b>8.54</b>
<b>Revenue</b>	<b>0.09</b>	<b>0.07</b>	<b>(0.02)</b>	<b>0.69</b>	<b>0.47</b>	<b>(0.22)</b>	<b>3.21</b>	<b>3.21</b>	<b>0.00</b>

# PVGS Executive Cost Report

## All Budgets Recap

### April 2020

(\$ Millions)

**April 2020 MTD O&M Variance: (\$2.99) Under-run**

MTD	Comments
	<u>Budget Timing:</u>
\$0.00	Incentives:
\$1.45	Online: SCORE/MLIS Replacement (Amortization for 2020) \$0.16, Site Support (Various Groups - Services/Fees- 2nd Qtr) \$0.58, Online Labor/APS OT Accrual/Material (Various Groups - 2nd Qtr) \$0.71
(\$0.92)	Outage: 2R22: Spring Outage Engineering Services Early Payments in March 2020
	<u>Budget Savings:</u>
\$0.00	Incentives:
(\$0.76)	Online: HR Relocation/Site Travel (\$0.76)
(\$4.79)	Outage: 2R22: Spring Outage Scope/Headcount/Material Request Reduction (\$4.79)
	<u>Budget Impacts:</u>
\$0.00	Incentives:
\$2.03	Online: COVID19 Support \$2.03
\$0.00	Outage:
<b>Total</b>	<b><u>(\$2.99)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### April 2020

(\$ Millions)

**April 2020 YTD O&M Variance: (\$10.09) Under-run**

YTD	Comments
	<u>Budget Timing:</u>
(\$1.71)	Online: Site Chemicals (Powerblock- 3rd Qtr) \$0.14, Station Services (Fees/Dues - 3rd Qtr) (\$0.20), Site Support (Various Groups - 2nd Qtr) (\$0.28), SCORE/MLIS Replacement (Amortization for 2020) (\$0.40), Site Payroll-Temps/Loads (4th Qtr) (\$0.43), Sandia Labs/Policy Group (Contract Review - 2nd Qtr) (\$0.54)
\$0.17	Outage: 1R22: Early Material Withdrawal, Labor Charges (Mischarges-May) \$0.17
	<u>Budget Savings:</u>
(\$0.61)	Incentives: U3R21 100 Day Run
(\$6.99)	Online: Engineering License - ETAP (RUC) (\$0.10), Site Emergent Work Fund (\$0.25), HR Relocation (\$0.34), Site Travel (\$0.36), SCORE/MLIS Replacement (\$1.21), Insurance (Allocation Adjustment, NEIL Reimbursement) (\$4.73)
(\$5.16)	Outage: 2R22: Spring Outage Scope/Headcount/Material Request Reduction (\$3.40), 3R21: Prior Year Outage Support (Final Invoicing/Material Returns) (\$1.76)
	<u>Budget Impacts:</u>
\$0.44	Incentives: 2019 True-Up/EIP Update \$0.44
\$3.77	Online: COVID19 Support \$2.59, U3 RCP 1B SNO (APS Overtime, Labor OT, Materials) \$0.68, Material Average Unit Cost Adjustments \$0.25, NAU Degree Program \$0.10, DOE (Insurance) \$0.10, U2 Main Feedwater Loss SNO (APS Overtime) \$0.05
\$0.00	Outage:
<b>Total</b>	<b><u>(\$10.09)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### April 2020

(\$ Millions)

**April 2020 MTD Capital Variance: (\$6.52) Under-run**

MTD	Comments
	<u>Budget Timing:</u> RCP Motor Repl 1R22 [Motor material costs moved to support the RCP 1B 2R22 Emergency Project] (\$4.42), I&C and Electrical 1R22 2020 [Forecast was placed in the spring instead of the fall outage] (\$0.60), SP Concrete Repl. U3 [Missed milestone due to late PO issuance] (\$0.46), Piping CW Pipeline Repl [Timing of implementation shifted to May] (\$0.43), LV 22 Blowdown M/U U2 [Field work moved to Q4] (\$0.40), Digital SMP Phase I U3 [Implementation delays] (\$0.39), SP Chemical Addition Upgrade U1 [Milestone payment moved to August] (\$0.35), Clarifiers Life Extension T3 [Implementation delays due to emergent WRF projects] (\$0.35), Fixed In-Core Detectors U2 [Timing due to material pull sooner than budgeted] (\$0.33), OSB - FIN Area Restack [Timing of implementation due to COVID19] (\$0.32), Digital SMP Phase II [Timing of PO issuance] (\$0.24), Vehicle Replacements 2020 [Timing of procurement execution] (\$0.23), CTLE 2020 U2 [Costs incurred sooner than budgeted] \$3.09, Misc. \$0.11
(\$5.32)	
	<u>Budget Savings:</u> LP Feedwater Heater Repl. U2R22 [Scope removed from 2R22 due to COVID-19] (\$4.67), Security Access Control Computer Replacement [Reduced 2020 scope] (\$0.38), I&C and Electrical 2R22 [Fewer I&C components replaced than budgeted] (\$0.30), RCP Bleedoff Control Flow U2 [Removed from 2R22] (\$0.24), ESF Transformer Repl X03 [Scope removed from 2R22 due to COVID-19] (\$0.22)
(\$5.81)	
	<u>Budget Impacts:</u> RCP 1B Motor Repl 2R22 [Emergent 2R22 scope] \$4.61
\$4.61	
<b>Total</b>	<b><u>(\$6.52)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### April 2020

(\$ Millions)

**April 2020 YTD Capital Variance: (\$23.39) Under-run**

YTD	Comments
	<u>Budget Timing:</u>
(\$19.60)	S.C.O.R.E Supply Chain Optimization [Originally budgeted \$7.6M payment in March, however, will now be allocated monthly] (\$6.55), RCP Motor Repl 1R22 [Material move to the Emergency Spring 2R22 RCP Motor Repl] (\$4.42), Clarifiers Life Extension T3 [Project being delayed to support other emergent WRF projects Q4] (\$1.43), Digital SMP Phase I U3 [Due to delays with vendor Q2] (\$1.28), Digital SMP Phase II [Due to delays in issuing engineering purchase order - Q2] (\$1.26), Security Access Control Computer Repl. [Due to engineering delays Q2] (\$1.07), I&C and Electrical 1R22 [Due to the budgeting of material pull - Q3] (\$1.00), LV 22 Blowdown M/U U2 [Project implementation move from Q2 to Q3/Q4] (\$0.87), EDG Spare Generator [Due to milestone payment being deferred to May] (\$0.81), Normal Chiller Replacement U3 [Implementation delays - Q3] (\$0.72), Misc. (\$0.19)
	<u>Budget Savings:</u>
(\$9.48)	LPFW Heater Repl. 2R22 [Scope has been removed from 2R22 due to COVID-19] (\$7.50), RCP Motor Repl 1R22 [2020 Milestone payment was executed in 2019] (\$1.05), ESF Xmfr NBNX03 [Scope has been removed from 2R22 due to COVID-19] (\$0.93)
	<u>Budget Impacts:</u>
\$5.69	45 Acre Inlet Structure [Emergent project not budgeted for in 2020] \$1.08, Emergent RCP Motor Repl 2R22 [Emergency 2R22 scope] \$4.61
<b>Total</b>	<b><u>(\$23.39)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### April 2020

(\$ Millions)

**April 2020 YTD Inventory Variance: \$16.97 Over-run**

YTD	Comments
	<u>Budget Timing:</u>
\$6.68	Less Receipts (\$1.44); Less Issues \$6.10; Greater Adjustments \$2.93; Greater Material Returns \$0.05; Material Sales/Write-Offs (\$0.96)
	<u>Budget Savings:</u>
\$0.00	
	<u>Budget Impacts:</u>
\$10.29	2019 Inventory Impacts [Less Issues / More Adjustments Partially offset by Less Receipts / Less Returns \$3.77; MST / Support Ring Moved from Capital Project to Inventory \$6.52M]
<b>Total</b>	<b><u><u>\$16.97</u></u></b>

## PVGS Executive Cost Report Nuclear Fuels

April 2020

(\$ Millions)

YTD	Project	Comments
	<b><u>FIP:</u></b>	
\$2.71	Uranium	Timing - EUP (U3O8 component) delivery budgeted in October moved to February
\$1.43	Conversion	Timing - EUP (Conversion component) delivery budgeted in October moved to February
\$1.38	Enrichment	Timing - EUP (SWU component) delivery budgeted in October moved to February
(\$15.37)	Fabrication	Savings - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with U3C23 NGF milestone moved to September
\$0.02	Use Tax	Impact - Actual Use Tax for U2C23 higher than budgeted
\$0.47	Labor	Impact - Framatome Fuel implementation project
\$7.59	Outside Services	Impact - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with delay in procurement of Casmo/Simulate
(\$0.10)	Other	Savings - NRC Fees associated with Framatome Fuel implementation project less than budgeted
Subtotal FIP	<u>(\$1.87)</u>	
	<b><u>DCS:</u></b>	
(\$0.47)	Labor	Timing - MAGNASTOR implementation project
(\$0.57)	Materials	Timing - MAGNASTOR material milestones
(\$0.54)	Outside Services	Timing - MAGNASTOR engineering services
(\$0.01)	Other	Timing - MAGNASTOR rental services
\$2.81	DOE Settlement	Timing - DOE credit accrual pending contract reinstatement
Subtotal DCS	<u>\$1.21</u>	
Total	<u><u>(\$0.66)</u></u>	



**PVGS Executive Cost Report  
O&M Power Block Report  
April 2020  
(\$000)**

	Current Month				Year-to-Date				Total	Remaining
	Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
UNIT - 1	11,996	11,536	(460)	-4%	51,318	49,061	(2,256)	-4%	188,140	139,079
UNIT - 2	39,040	36,558	(2,482)	-6%	81,823	78,648	(3,174)	-4%	192,593	113,945
UNIT - 3	11,766	11,746	(20)	0%	51,040	45,985	(5,055)	-10%	157,116	111,131
COMMON	1,105	1,167	62	6%	4,445	5,937	1,492	34%	14,134	8,197
PVUNALL	(0)	0	0	0%	(0)	0	0	0%	(0)	(0)
WRF	5,224	5,232	8	0%	23,094	21,997	(1,097)	-5%	73,617	51,620
GENERAL	(0)	(101)	(101)	0%	(0)	(0)	(0)	0%	(0)	0
<b>TOTAL PV</b>	<b>69,131</b>	<b>66,139</b>	<b>(2,992)</b>	<b>-4%</b>	<b>211,720</b>	<b>201,629</b>	<b>(10,091)</b>	<b>-5%</b>	<b>625,600</b>	<b>423,971</b>
PAYROLL	23,844	23,972	128	1%	84,286	85,241	955	1%	271,559	186,318
CONTRACT LABOR	8,516	8,168	(348)	-4%	16,435	16,534	99	1%	44,158	27,623
MATL / SUPPLIES	8,060	7,505	(555)	-7%	22,190	21,901	(289)	-1%	63,834	41,933
OUTSIDE SERVICES	12,267	10,188	(2,079)	-17%	27,878	21,915	(5,963)	-21%	58,557	36,642
OTHER	16,444	16,307	(137)	-1%	60,931	56,037	(4,894)	-8%	187,492	131,455
<b>TOTAL PV</b>	<b>69,131</b>	<b>66,139</b>	<b>(2,992)</b>	<b>-4%</b>	<b>211,720</b>	<b>201,629</b>	<b>(10,091)</b>	<b>-5%</b>	<b>625,600</b>	<b>423,971</b>

# PVGS Executive Cost Report

## Capital Improvements Variance Summary

### April 2020

### (\$000)

		<----- Current Month ----->				<----- Year-to-Date ----->				
	<u>Budget Category</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	<u>Annual Budget</u>
1	Plant Modifications	5,951	7,794	1,843	31%	17,480	15,323	(2,156)	-12%	46,395
2	Equipment & Replacements	15,165	8,677	(6,488)	-43%	31,883	23,267	(8,616)	-27%	94,740
3	Buildings	1,024	147	(877)	-86%	3,436	936	(2,501)	-73%	8,995
4	General Plant	504	566	62	12%	1,940	1,929	(11)	-1%	8,059
5	Computers	1,178	918	(259)	-22%	11,033	2,863	(8,170)	-74%	18,406
6	Water Rec Facility	5,297	4,851	(446)	-8%	14,719	13,713	(1,006)	-7%	35,162
7	Overheads	1,396	1,545	149	11%	5,554	5,123	(431)	-8%	18,677
8	Emergent Work Fund	500	0	(500)	-100%	500	0	(500)	-100%	2,566
9	Fukushima	0	0	0	0%	0	0	0	0%	0
11	Capitalized Incentives	0	0	0	0%	0	0	0	0%	0
Totals		31,015	24,498	(6,517)	-21%	86,546	63,154	(23,391)	-27%	233,000

**PVGS Executive Cost Report  
Nuclear Fuel Report  
April 2020  
(\$000)**

	<u>Current Month</u>			<u>Year-To-Date</u>			<u>Year-End</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Forecast</u>	<u>Variance</u>
Fuel In Process	36,069	37,370	1,301	112,589	110,722	(1,867)	214,999	213,871	(1,128)
Fuel In Stock	-	-	-	-	-	-	-	-	-
Spent Fuel Disposal	-	-	-	-	-	-	-	-	-
Dry Cask Storage	-	154	154	20	1,228	1,208	(309)	295	604
<b>TOTAL NUCLEAR FUEL</b>	<b>36,069</b>	<b>37,524</b>	<b>1,455</b>	<b>112,609</b>	<b>111,950</b>	<b>(659)</b>	<b>214,690</b>	<b>214,166</b>	<b>(524)</b>

## PVGS Executive Cost Report

### Inventory Balance Sheet

#### April 2020

<b>March 2020 Ending Inventory Balance less Amortization</b>		<b>\$187,370,388</b>
 <b><u>Increases:</u></b>		
Receipts	\$4,084,541	
Returns	\$3,733,426	
Inventory Adjustments	(\$1,259,362)	
Intercompany Balance	\$0	
Accounting Adjustments	(\$2,674,501)	
Misc JVs (Repair Accrual)	\$0	
Misc JV (SOX Accrual)	\$0	
Subtotal	\$3,884,104	
 <b><u>Decreases:</u></b>		
Issues	(\$4,533,832)	
Net Change		(\$649,728)
 <b><u>Amortization Transactions:</u></b>		
Monthly Amortization Cost	(\$200,000)	
Write Offs & Sales	\$102,813	
		(\$97,187)
<b>April 2020 Ending Inventory Balance less Amortization</b>		<b>\$186,623,473</b>

**Notes:**

- Sales to outside utilities for the month was \$87,365 that was written off at original cost.
- The above sales were invoiced for a total of \$152,605 (net 30 days)
- Current month revenue received for sales to outside utilities totaled (\$65,241)
- To Date Amortization Balance = (\$39,994,293)
- Capitalized Spare Account Balance Original Cost = \$32,538,003

# PVGS Executive Cost Report Major Inventory Transactions (Over \$25K) April 2020

## **INVENTORY**

		<u>Qty</u>	<u>\$ Value</u>			<u>Qty</u>	<u>\$ Value</u>
<b>Issue:</b>	CIV-SV ACTUATOR	1	\$78,128	<b>Restock:</b>	VALVE GEAR ASSY, LPCV	1	\$89,005
	MAIN STM CIV-IV	1	\$66,885		VALVE ASSEMBLY, FPT HPCV	1	\$83,005
	PUMP, ROTARY, ESOP	1	\$31,583		VALVE ASSEMBLY, LPSV	1	\$91,005
	VALVE GEAR ASSY, LPCV	1	\$89,005		VALVE ASSEMBLY, FPT HPSV	1	\$39,002
	SUMP PUMP FOR SP	1	\$79,471		BONNET & ARM & DISC ASM	2	\$239,099
	VALVE ASSEMBLY, FPT HPCV	1	\$83,005		BONNET & ARM & DISC ASM	2	\$239,099
	PUMP HYDRAULIC "A" TRAIN	1	\$41,884		PLATE THRUST/SEQ NO 0608	1	\$39,894
	PLATE THRUST/SEQ NO 0608	1	\$39,894		CIV-SV ACTUATOR	1	\$78,128
	CIV-SV ACTUATOR	1	\$78,128		MAIN STM CIV-IV	1	\$66,885
	MAIN STM CIV-IV	1	\$66,885		BREAKER, CIRCUIT	1	\$70,635
	HYDRAMOTOR NH93	1	\$41,748		BREAKER, CIRCUIT	1	\$70,635
	VALVE BUTTERFLY 24"	1	\$104,500		PUMP MAIN EHC "B" TRAIN	1	\$59,103
	VALVE, BUTTERFLY, 20 IN	1	\$85,175		O-RING SET, RV HEAD	1	\$72,400
	VALVE, MSIV HYDRA RELIEF	1	\$30,520		VALVE, 77L-001BB-1	4	\$124,535
<b>Received:</b>	TRANSFORMER, ESF	1	\$627,510		VALVE, RELIEF, 3/4 IN	1	\$42,472
	CIV-SV ACTUATOR	1	\$78,128		SOLENOID ELECT. ASM	1	\$38,979
	MAIN STM CIV-IV	1	\$66,885		SOLENOID GLOBE VALVE	1	\$30,610
	SPRING HOUSE UPPER BEARIN	1	\$29,609		VALVE,SOLENOID GLOBE 1IN	1	\$31,786
	SPRING HOUSE LOWER BEARIN	1	\$26,914		VALVE, 77L-001BB-1	1	\$31,134
	PUMP HYDRAULIC "A" TRAIN	1	\$41,884		TRANSDUCER, EP, 4-20MA	4	\$102,671
	CAGE ASSY SG-1112/1122	1	\$71,321		TRANSDUCER, EP, 4-20MA	1	\$25,668
	ROD, POWER PISTON	2	\$537,638		TRANSDUCER, EP, 4-20MA	1	\$25,668
	VALVE, 24" BUTTERFLY, 150	1	\$94,957		MOTOR ELECTRIC 3500 HP	1	\$112,630
	PLATE THRUST/SEQ NO 0608	1	\$39,894				
	VALVE, 77L-001BB-1	4	\$128,240				
	CIV-SV ACTUATOR	1	\$78,128				
	MAIN STM CIV-IV	1	\$66,885				
	SCREW, FEED	1	\$41,137				
	VALVE, 77L-001BB-1	1	\$29,281				
	VALVE,SOLENOID GLOBE 1IN	1	\$33,510				
	TRANSDUCER, EP, 4-20MA	1	\$25,664				
	SOLENOID GLOBE VALVE	1	\$30,610				
	TRANSDUCER, EP, 4-20MA	4	\$102,656				
	TRANSDUCER, EP, 4-20MA	1	\$25,664				

## Revenue, Budget, Actuals, Forecast Variance By Month April 2020

Description		Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Quantity (acre-feet):</b>														
T&T Units 1 & 2	Budget	3,674	274	193	206	94	547	382	454	433	424	98	365	204
	Act/F'cast	3,720	176	379	186	71	547	382	454	433	424	98	365	204
	Var	46	(98)	186	(20)	(23)	-	-	-	-	-	-	-	-
<b>Unit Rate (\$/acre-foot):</b>														
Transportation & Treatment		\$843												
<b>Revenue (\$ 000):</b>														
T&T Units 1 & 2	Budget	3,099	231	163	174	79	461	322	383	365	358	83	308	172
	Act/F'cast	3,138	149	320	157	60	461	322	383	365	358	83	308	172
Adjustments*	Act/F'cast	221	-	-	-	-	-	-	122	80	19	-	-	-
	Var	260	(82)	157	(17)	(19)	-	-	122	80	19	-	-	-
Initial Reserve Fee & Credits - U1 & U2	Budget	38	4	4	4	5	1	2	2	2	2	5	3	4
	Act/F'cast	35	4	1	4	5	1	2	2	2	2	5	3	4
	Var	(3)	-	(3)	-	-	-	-	-	-	-	-	-	-
Add'l Reserve Fee & Credits - U3 & U4	Budget	75	6	6	6	6	6	6	6	6	6	6	6	6
	Act/F'cast	75	6	6	6	6	6	6	6	6	6	6	6	6
	Var	-	-	-	-	-	-	-	-	-	-	-	-	-
2019 Transportation and Treatment True-Ups	Budget	-	-	-	-	-	-	-	-	-	-	-	-	-
	Act/F'cast	-	-	-	(260)	-	-	-	-	-	-	-	-	-
	Var	-	-	-	(260)	-	-	-	-	-	-	-	-	-
<b>Total Revenue</b>														
	Budget	3,212	241	173	184	91	469	330	391	373	366	94	317	182
	Act/F'cast	3,212	160	328	(92)	72	469	330	513	453	385	94	317	182
	Var	0	(82)	155	(276)	(19)	0	(0)	122	80	19	0	0	(0)

**PVGS Executive Cost Report**  
**Total Outage (O&M)**  
**April 2020**  
**(\$ Millions)**

	<u>Current Month</u>			<u>Year-To-Date</u>			<u>Year-End</u>		
<u>2020 Outages</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
Unit - 2	27.13	22.31	(4.81)	30.84	27.45	(3.40)	34.23	28.50	(5.72)
Unit - 1	-	0.07	0.07	-	0.17	0.17	28.96	28.50	(0.45)
<b>Sub-Total 2020 Outages</b>	<b>27.13</b>	<b>22.38</b>	<b>(4.74)</b>	<b>30.85</b>	<b>27.62</b>	<b>(3.23)</b>	<b>63.19</b>	<b>57.00</b>	<b>(6.17)</b>
 <u>2019 Outage Expenses</u>									
Unit - 3	-	0.11	0.11	-	(1.76)	(1.76)	-	(1.76)	(1.76)
<b>Sub-Total 2019 Outages</b>	<b>-</b>	<b>0.11</b>	<b>0.11</b>	<b>-</b>	<b>(1.76)</b>	<b>(1.76)</b>	<b>-</b>	<b>(1.76)</b>	<b>(1.76)</b>
<b>Total</b>	<b>27.13</b>	<b>22.49</b>	<b>(4.63)</b>	<b>30.85</b>	<b>25.86</b>	<b>(4.99)</b>	<b>63.19</b>	<b>55.24</b>	<b>(7.93)</b>

## PVGS Executive Cost Report APS Employees & Overtime Contract Labor Overtime April 2020

		APS			Contract Labor			
		Employees			Overtime %		Overtime %	
	<u>Organization</u>	<u>Budget</u>	<u>Actual</u>	<u>Var</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>
82PP	Nuclear Operations	1,164	1,141	(23)	19%	31%	37%	45%
97PP	Nuclear Engineering	315	312	(3)	11%	12%	0%	23%
96PP	Emergency Services & Support	434	435	1	13%	27%	13%	13%
83PP	Station Support Organizations	61	49	(12)	0%	4%	0%	54%
Total		1,974	1,937	(37)	16%	9%	29%	37%
Year-To-Date Average		1,991	1,966	(25)	9%	9%	14%	18%
Equivalent "Borrowed" Employees								
Current Month		56	57	1				
Year-To-Date		56	58	2				

Note: All budgets and actual include O&M, Capital and Fuel values.



# PVGS Executive Cost Report

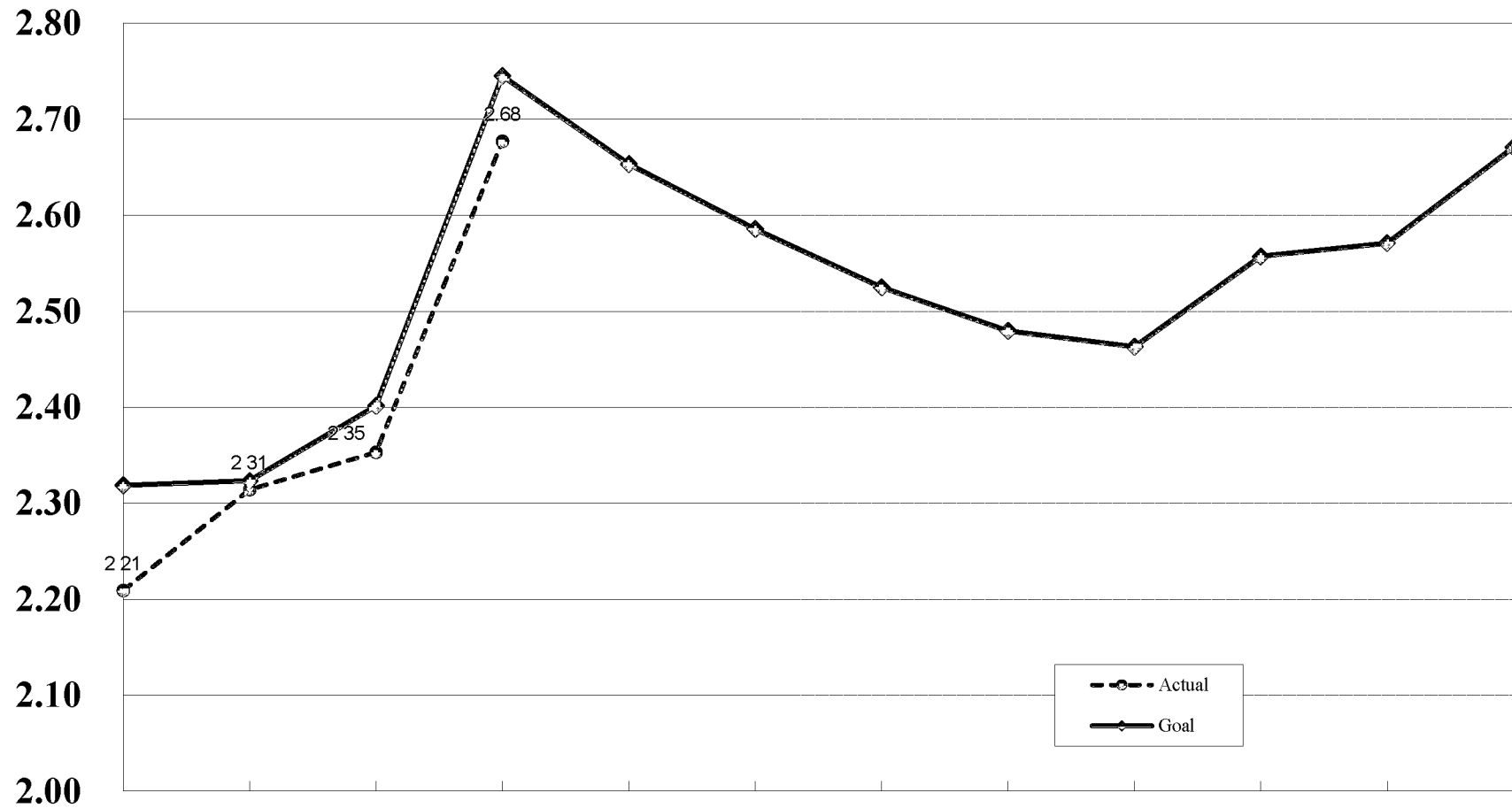
## Contract Labor and Outside Service Report

### April 2020

(\$000)

<u>ORGANIZATION</u>	Non-Outage O&M						Outage O&M					
	Contract Labor			Outside Services			Contract Labor			Outside Services		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
<b>82PP Total Nuc Operations</b>												
Current Month	\$1,443	\$1,698	\$256	\$1,065	\$838	(\$227)	\$5,886	\$5,032	(\$854)	\$3,761	\$1,877	(\$1,884)
YTD Closed	\$5,698	\$6,138	\$440	\$4,837	\$4,786	(\$51)	\$6,632	\$6,177	(\$455)	\$4,493	\$1,800	(\$2,693)
<b>97PP Tot Nuclear Eng &amp; Support</b>												
Current Month	\$167	\$179	\$12	\$640	\$898	\$258	\$86	\$84	(\$2)	\$5,357	\$4,266	(\$1,091)
YTD Closed	\$712	\$616	(\$96)	\$2,546	\$2,178	(\$368)	\$101	\$87	(\$14)	\$7,361	\$6,557	(\$804)
<b>96PP Total Operations Support</b>												
Current Month	\$836	\$995	\$159	\$627	\$1,637	\$1,010	\$93	\$116	\$23	\$138	\$88	(\$50)
YTD Closed	\$3,160	\$3,241	\$82	\$2,367	\$3,566	\$1,199	\$99	\$118	\$18	\$203	\$117	(\$86)
<b>83PP Total Station Support</b>												
Current Month	\$5	\$64	\$59	\$679	\$584	(\$95)	\$0	\$0	\$0	\$0	\$0	\$0
YTD Closed	\$33	\$153	\$120	\$6,071	\$2,911	(\$3,160)	\$0	\$4	\$4	\$0	\$0	\$0
<b>Total</b>												
Current Month	<u>\$2,451</u>	<u>\$2,936</u>	<u>\$485</u>	<u>\$3,011</u>	<u>\$3,956</u>	<u>\$945</u>	<u>\$6,065</u>	<u>\$5,232</u>	<u>(\$833)</u>	<u>\$9,256</u>	<u>\$6,231</u>	<u>(\$3,025)</u>
YTD Closed	<u>\$9,602</u>	<u>\$10,148</u>	<u>\$546</u>	<u>\$15,821</u>	<u>\$13,441</u>	<u>(\$2,379)</u>	<u>\$6,833</u>	<u>\$6,386</u>	<u>(\$447)</u>	<u>\$12,057</u>	<u>\$8,473</u>	<u>(\$3,584)</u>

## PVGS Executive Cost Report 2020 YTD Production Costs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goal	2.32	2.32	2.40	2.75	2.65	2.59	2.52	2.48	2.46	2.56	2.57	2.67
Actual	2.21	2.31	2.35	2.68								

## PVGS Executive Cost Report

### O&M Cost per Kilowatt Hour

#### April 2020

A.	O&M Costs (\$000):	201,191	
	Amortization/Redhawk Tertiary	(1,376)	
	Incentives	437	
	<b>Net O&amp;M:</b>	<u>200,252</u>	
B.	Net Generation (MWh):		
	Unit 1	3,875,257	
	Unit 2	2,842,636	
	Unit 3	<u>3,545,197</u>	
	<b>Total</b>	<b><u>10,263,090</u></b>	
C.	Net O&M Cost per kWh:	1.951	<i>Cents per KWhr (1 &amp; 3)</i>
D.	Nuclear Fuel Expense:	<u>0.726</u>	<i>Cents per KWhr (2)</i>
E.	Total O&M Cost per kWh (W/Fuel)	<b>2.677</b>	<i>Cents per KWhr (1, 2, &amp; 3)</i>
I.	2019 Actual:	2.67	<i>Cents per KWhr (1, 2, &amp; 3)</i>
II.	2018 Actual Revised:	2.69	<i>Cents per KWhr (1, 2, &amp; 3)</i>
III.	2017 Actual Revised:	2.78	<i>Cents per KWhr (1 &amp; 2)</i>
IV.	2016 Actual Revised:	2.81	<i>Cents per KWhr (1 &amp; 2)</i>
V.	2015 Actual Revised:	2.78	<i>Cents per KWhr (1 &amp; 2)</i>
VI.	2014 Actual Revised:	2.87	<i>Cents per KWhr (1 &amp; 2)</i>
VII.	2013 Actual Revised:	2.93	<i>Cents per KWhr (1 &amp; 2)</i>
VIII.	2012 Actual Revised:	2.92	<i>Cents per KWhr (1 &amp; 2)</i>
IX.	2011 Actual Revised:	2.90	<i>Cents per KWhr (1 &amp; 2)</i>
X.	2010 Actual Revised:	2.83	<i>Cents per KWhr (1 &amp; 2)</i>

**Note: Revision of the Production Cost Calculation**

(1) O&M is calculated as O&M costs including incentives, less amortization

(2) Fuel Expense: YTD = \$74.5 M. The fixed and variable costs related to nuclear spent fuel rod storage are not included in the unit costs.

(3) O&M is calculated to exclude Redhawk Tertiary

# PVGS Executive Cost Report

## FERC Cost Report

### April 2020

(\$ 000)

		Current Month				Year to Date				Total	Remaining
		Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
<b><u>Production Operations</u></b>											
5170000	517 Ops Supv & Eng	6,085	7,087	1,002	16%	26,520	25,833	(687)	-3%	75,018	49,185
5190000	519 Coolants and Water	3,334	3,524	190	6%	15,131	14,897	(233)	-2%	50,241	35,343
5200000	520 Steam Expenses	3,734	4,294	560	15%	11,494	11,861	367	3%	33,114	21,253
5230000	523 Electric Expenses	3,504	3,500	(4)	0%	13,830	13,332	(498)	-4%	41,238	27,906
5240000	524 Misc Nuc Power Exp	8,888	8,320	(568)	-6%	41,797	40,979	(818)	-2%	141,452	100,473
5250000	525 Nuc Power Rents	-	-	-	0%	-	-	-	0%	-	-
<b>Total Production Operations</b>		<b>25,545</b>	<b>26,725</b>	<b>1,181</b>	<b>5%</b>	<b>108,772</b>	<b>106,903</b>	<b>(1,869)</b>	<b>-2%</b>	<b>341,063</b>	<b>234,161</b>
<b><u>Production Maintenance</u></b>											
5280000	528 Supv & Eng	6,482	5,812	(670)	-10%	10,605	9,771	(835)	-8%	18,991	9,221
5290000	529 Maint of Structure	933	915	(18)	-2%	2,176	2,262	86	4%	6,129	3,866
5300000	530 Maint of Reactor Plant Equip	17,251	10,540	(6,711)	-39%	24,587	16,551	(8,036)	-33%	62,498	45,947
5310000	531 Maint of Electric Plant	3,623	6,163	2,540	70%	9,306	13,596	4,290	46%	22,839	9,243
5320000	532 Maint of Misc Nuc Plant	864	1,453	590	68%	2,092	3,604	1,511	72%	6,249	2,646
<b>Total Production Maintenance</b>		<b>29,153</b>	<b>24,884</b>	<b>(4,269)</b>	<b>-15%</b>	<b>48,767</b>	<b>45,783</b>	<b>(2,983)</b>	<b>-6%</b>	<b>116,706</b>	<b>70,923</b>
<b><u>Transmission</u></b>											
5560000	556 Sys Cntl/Load Dispatch	602	550	(52)	-9%	2,396	2,096	(300)	-13%	7,229	5,133
<b>Total Transmissions</b>		<b>602</b>	<b>550</b>	<b>(52)</b>	<b>-9%</b>	<b>2,396</b>	<b>2,096</b>	<b>(300)</b>	<b>-13%</b>	<b>7,229</b>	<b>5,133</b>
<b><u>Other</u></b>											
4081001	408 Payroll Taxes	1,669	1,678	9	1%	5,900	5,961	61	1%	19,009	13,048
4082001	408 Other Taxes	-	-	-	0%	-	6	6	0%	-	(6)
4261000	426 Donations/Penalties	26	7	(19)	-73%	46	126	80	173%	112	(14)
4264000	426 Civic Political	-	2	2	0%	-	9	9	0%	-	(9)
4265000	426 Other Deductions/Exp	-	-	-	0%	-	179	179	0%	-	(179)
9240000	924 Property Insurance	565	557	(8)	-1%	2,262	(3,099)	(5,361)	-237%	6,786	9,885
9250000	925 Injuries & Damages	293	284	(9)	-3%	1,348	1,178	(170)	-13%	3,971	2,793
9250001	925 Injuries & Damages - Benefits	166	163	(3)	-2%	658	656	(2)	0%	1,941	1,285
9260001	926 Pensions & Benefits	3,243	3,182	(61)	-2%	12,833	12,789	(44)	0%	37,841	25,051
9280000	928 Reg Commission Exp	1,431	1,550	119	8%	5,981	5,744	(237)	-4%	17,621	11,877
9302000	930 Admin & General Exp	6,438	6,556	118	2%	22,757	23,298	540	2%	73,321	50,023
<b>Total Other</b>		<b>13,832</b>	<b>13,980</b>	<b>148</b>	<b>1%</b>	<b>51,785</b>	<b>46,847</b>	<b>(4,939)</b>	<b>-10%</b>	<b>160,601</b>	<b>113,754</b>
<b>Total</b>		<b>69,131</b>	<b>66,139</b>	<b>(2,992)</b>	<b>-4%</b>	<b>211,720</b>	<b>201,629</b>	<b>(10,091)</b>	<b>-5%</b>	<b>625,600</b>	<b>423,971</b>

# PVGS Executive Cost Report

## 2020 Total (O&M and Capital) Actual Incentives with Loads

### April 2020

\$	33,256	Est.	Total Year End Incentive
	-	Act	Total Unit-3 Outage Incentive (100 day run)
	<b>33,256</b>		<b>Subtotal Estimate Incentives for 2020</b>
<hr/>			
\$	11,307	Est.	Total Loads For Year-End Incentive
	-	Act	Total Unit-3 Outage Incentive (100 day run)
	<b>11,307</b>		<b>Subtotal Estimate Incentive Load for 2020</b>
<hr/>			
\$	326	Est.	2019 EIP True Up
	-	Est.	2019 EIP Incentive Payroll
	111	Est.	2019 EIP Incentive Loads
	<b>437</b>		<b>Subtotal Incentives - Prior Year Adjustments</b>
<hr/>			
<b>\$</b>	<b>45,000</b>		<b>Total (O&amp;M and Capital) Actual Incentives and Loads for 2020</b>

**PVGS Executive Cost Report**  
**Year End Forecast**  
**April 2020**  
(\$ Millions)

	<u>YTD</u>	<u>Actuals</u>				<u>Forecast</u>								<u>Year End</u>
	<u>Actuals</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Variance</u>
<b>O &amp; M</b>	<b>197.59</b>	<b>44.59</b>	<b>42.93</b>	<b>46.92</b>	<b>63.15</b>	<b>40.07</b>	<b>43.97</b>	<b>44.79</b>	<b>43.55</b>	<b>45.85</b>	<b>64.61</b>	<b>45.04</b>	<b>47.16</b>	<b>(10.28)</b>
<b>COVID-19 (Incremental) <sup>(2)</sup></b>	<b>2.59</b>	-	-	<b>0.56</b>	<b>2.03</b>	<b>1.40</b>	<b>0.75</b>	-	-	-	-	-	-	<b>4.74</b>
<b>COVID-19 (Non-Incremental) <sup>(2)</sup></b>	<b>1.01</b>	-	-	<b>0.05</b>	<b>0.96</b>	<b>0.07</b>	<b>0.46</b>	-	-	-	-	-	-	<b>1.54</b>
<b>Incentives <sup>(w/ Loads &amp; Adj)</sup></b>	<b>0.44</b>	-	-	<b>0.44</b>	-	-	-	-	-	-	-	-	<b>42.26</b>	<b>0.00</b>
<b>Exclusions <sup>(1)</sup></b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub Total O&amp;M</b>	<b>201.63</b>	<b>44.59</b>	<b>42.93</b>	<b>47.97</b>	<b>66.14</b>	<b>41.54</b>	<b>45.18</b>	<b>44.79</b>	<b>43.55</b>	<b>45.85</b>	<b>64.61</b>	<b>45.04</b>	<b>89.42</b>	<b>(4.00)</b>
	<u>YTD</u>	<u>Actuals</u>				<u>Forecast</u>								<u>Year End</u>
	<u>Actuals</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Variance</u>
<b>Capital</b>	<b>63.15</b>	<b>10.09</b>	<b>12.07</b>	<b>16.50</b>	<b>24.50</b>	<b>12.04</b>	<b>16.86</b>	<b>15.53</b>	<b>15.97</b>	<b>31.21</b>	<b>43.96</b>	<b>24.71</b>	<b>7.26</b>	-
<b>Incentives <sup>(w/ Loads &amp; Adj)</sup></b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>2.30</b>	-
<b>Exclusions <sup>(1)</sup></b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub Total Capital</b>	<b>63.15</b>	<b>10.09</b>	<b>12.07</b>	<b>16.50</b>	<b>24.50</b>	<b>12.04</b>	<b>16.86</b>	<b>15.53</b>	<b>15.97</b>	<b>31.21</b>	<b>43.96</b>	<b>24.71</b>	<b>9.56</b>	-

(1) Exclusions include: Mid- Year True-Ups (A&G/PRD, Load Dispatch - Exhibit 1 A&G) and any Mid -Year Rate Changes.  
(2) COVID-19 FERC Account is 5240000 for all costs



**MICHAEL MCLAUGHLIN**  
Vice President  
Site Services

5801 S Wintersburg Rd  
Tonopah, AZ 85354

ID: 517-00002  
Date: June 19, 2020

To: File  
Sta. #  
Ext. #

From: M. McLaughlin  
Sta. # 7605  
Ext. # 82-5761

Subject: **PVGS May 2020 Executive Cost Report**

Attached is the PVGS Executive Cost Report that reflects information for May 2020 for the O&M (including incentives), Capital (including incentives), and Nuclear Fuel budgets. The report compares actual costs to budget for the month, year-to-date (YTD), and presents the year-end variances as summarized below:

**(Millions of Dollars)**

Category	YTD Budget	YTD Actual	Year – End Variance
O&M	255.90	249.82	(4.00)
Capital	105.57	73.78	(1.30)
Nuclear Fuel	114.73	112.91	(0.40)
Total	476.20	436.51	(5.70)

Please call me if you have any questions or comments.

MM / SB

Attachment

cc:	J. Cadogan	7602	J. McGill	7990
	J. Guldner	9040	T. Mionske	7990
	T. Horton	8201	E. Asturias	7990
	M. Lacal	7605		
	M. McLaughlin	7605		
	B. Rash	7602		

A decorative graphic consisting of several hexagons of different colors (purple, blue, green, grey) arranged in a cluster. Some hexagons contain images: a nuclear power plant, a desert landscape with a saguaro cactus, and a blue sky with white clouds. Other hexagons are solid colors or have a subtle pattern.

# **Palo Verde Generating Station**

## **Executive Cost Report**

**May 2020**

**Prepared by**  
**Business Operations**



# Palo Verde Generating Station Executive Cost Report

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**PVGS Executive Cost Report**  
**All Budgets Recap**  
**May 2020**  
(\$ Millions)

	<u>Current Month</u>			<u>Year-to-Date</u>			<u>Year-End Forecast</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
<b>O &amp; M</b>	44.18	47.85	3.67	255.30	249.04	(6.25)	582.90	578.90	(4.00)
<b>Incentives</b> (w/ Loads & Adj)	-	0.34	0.34	0.61	0.77	0.17	42.70	42.70	(0.00)
<b>Sub Total O&amp;M</b>	44.18	48.19	4.00	255.90	249.82	(6.09)	625.60	621.60	(4.00)
<b>Capital</b>	19.03	10.63	(8.40)	105.57	73.78	(31.79)	230.70	229.40	(1.30)
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	-	-	-	2.30	2.30	0.00
	19.03	10.63	(8.40)	105.57	73.78	(31.79)	233.00	231.70	(1.30)
<b>Nuclear Fuel</b>	2.12	0.96	(1.16)	114.73	112.91	(1.82)	214.69	214.29	(0.40)
<b>Total</b>	65.33	59.78	(5.56)	476.20	436.50	(39.70)	1,073.29	1,067.59	(5.70)
<b>Net Inventory</b>				171.20	187.90	16.70	170.90	179.44	8.54
<b>Revenue</b>	0.47	0.60	0.13	1.16	1.07	(0.09)	3.21	3.21	0.00

# PVGS Executive Cost Report

## All Budgets Recap

### May 2020

(\$ Millions)

**May 2020 MTD O&M Variance: \$4.00 Over-run**

MTD	Comments
	<u>Budget Timing:</u>
\$0.00	Incentives:
(\$1.47)	Online: SCORE/MLIS Replacement (Amortization for 2020) \$0.16, Engineering Online Services (3rd/4th Qtr) (\$0.80), Station Services (Fees/Dues/Other - 3rd Qtr) (\$0.83)
\$0.05	1R22: Early Material Withdrawal, Labor Charges (Mischarges-September) \$0.05
	<u>Budget Savings:</u>
\$0.00	Incentives:
(\$6.05)	Online: Site Travel/Misc (\$0.36), 2019 Payroll Load True Up (2020 Exclusion) (\$5.69)
(\$3.55)	Outage: 2R22: Spring Outage Scope/Emergent Work Fund/Headcount/Material Request Reduction (\$3.55)
	<u>Budget Impacts:</u>
\$0.34	Incentives: 2019 True-Up/EIP Update
\$14.68	Online: 2019 A&G Load True Up (2020 Exclusion) \$13.62, 2019 Exhibit 1 Load Dispatch True Up (2020 Exclusion) \$0.57, COVID19 Incremental Support \$0.49
\$0.00	Outage:
<b>Total</b>	<b><u>\$4.00</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### May 2020

(\$ Millions)

**May 2020 YTD O&M Variance: (\$6.09) Under-run**

YTD	Comments
	<u>Budget Timing:</u>
(\$3.10)	Online: Site Chemicals [Powerblock- 3rd Qtr] \$0.05, HR Relocation (\$0.13), Site Support [Various Groups - 3rd Qtr] (\$0.33), SCORE/MLIS Replacement [Amortization for 2020] (\$0.35), Sandia Labs/Policy Group [Contract Review 2nd Qtr] (\$0.56), Engineering Online Services [3rd/4th Qtr] (\$0.80), Station Services [Fees/Dues/Other - 3rd Qtr] (\$0.98)
\$0.22	Outage: 1R22: Early Material Withdrawal, Labor Charges (Mischarges- September) \$0.22
	<u>Budget Savings:</u>
(\$0.61)	Incentives: U3R21 100 Day Run
(\$13.04)	Online: Engineering License - ETAP [RUC] (\$0.10), Site Emergent Work Fund (\$0.25), HR Relocation (\$0.35), Site Travel (\$0.68), SCORE/MLIS Replacement (\$1.21), Insurance [Allocation Adjustment, NEIL Reimbursement] (\$4.76), 2019 Payroll Load True Up [2020 Exclusion] (\$5.69)
(\$8.71)	Outage: 3R21: Prior Year Outage Support [Final Invoicing/Material Returns] (\$1.97), 2R22: Spring Outage Scope COVID Mitigation/Headcount/Material Request Reduction/Emergent Work Fund (\$6.74)
	<u>Budget Impacts:</u>
\$0.78	Incentives: 2019 True-Up/EIP Update \$0.78
\$18.37	Online: 2019 A&G Load True Up [2020 Exclusion] \$13.62, COVID19 Incremental Support \$3.08, U3 RCP 1B/U2 FW SNO [APS Overtime, Labor OT, Materials] \$0.58, 2019 Exhibit 1 Load Dispatch True Up [2020 Exclusion] \$0.57, Material Average Unit Cost Adjustments \$0.27, NAU Degree Program \$0.10, DOE [Insurance] \$0.10, U2 Main Feedwater Loss SNO [APS Overtime] \$0.05
\$0.00	Outage:
<b>Total</b>	<b><u>(\$6.09)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### May 2020

(\$ Millions)

**May 2020 MTD Capital Variance: (\$8.40) Under-run**

MTD	Comments
	<u>Budget Timing:</u>
	SP Concrete Repl. U3 [Implementation delays due to COVID19 - August] (\$1.18), CTLE 2020 U2 [Costs incurred in prior month] (\$0.62), EDG Protective Relay Repl. 2A [Due to implementation delays - August] (\$0.33), Waste Centrifuge Piers Refurb [Project implementation delayed to Q4] (\$0.30), Facilities Infrastructure Common [Implementation delays due to WA timing and site stand-down - Q3] (\$0.28), LV 22 Blowdown M/U U2 [Field work moved to Q4] (\$0.23), Digital SMP Phase I U3 [Implementation delays] (\$0.22), Life Cycle Computer Repl 2020 [Equipment arrival delayed to June] (\$0.20), License Renewal Update Project [Under run tied to vendor support - Q3] (\$0.18), Normal Chiller Replacement U3 [Delayed due to work on U2 - Q3] (\$0.18), OSB FIN Area Restack [Timing of implementation due to COVID19 - Q4] (\$0.18), WR Well #1 [Due to the timing of the permit issuance - Q3] (\$0.18), MT/FW Lube Oil Conditioning U1 [Originally planned for an online install vs Fall outage] (\$0.16), Misc. \$0.11
(\$4.13)	
	<u>Budget Savings:</u>
	LP Feedwater Heater Repl. U2R22 [Scope removed from 2R22 due to COVID-19] (\$2.50), Clarifiers Life Extension T6 [Due to priority associated with Clarifier Train 1 work] (\$0.74), Main Transformer New Spare [Due to parts being moved into inventory] (\$0.45), 2019 Payroll Load True Up (\$0.42), eWP Advanced Interactive [Project deferred from 2020] (\$0.29), Piping Fire Protection Yard Southloop [Implementation moved to 2021 due to engineering delays] (\$0.18), Piping-CW Pipeline Repl. 2020 [Savings tied to contractor costs] (\$0.17)
(\$4.75)	
	<u>Budget Impacts:</u>
\$0.48	2019 A&G Load True Up \$0.20, Start-Up Xfmr X03 Bushing Repl. [Emergent work identified during bushing inspections] \$0.28
<b>Total</b>	<b><u>(\$8.40)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### May 2020

(\$ Millions)

**May 2020 YTD Capital Variance: (\$31.79) Under-run**

YTD	Comments
	<u>Budget Timing:</u>
	S.C.O.R.E Supply Chain Optimization [Originally budgeted \$7.6M payment in March, however, will now be allocated monthly] (\$6.62), RCP Motor Repl 1R22 [Material move to the Emergency Spring 2R22 RCP Motor Repl] (\$4.42), Digital SMP Phase I U3 [Due to delays with vendor Q2] (\$1.50), Digital SMP Phase II [Due to delays in issuing engineering purchase order - Q2] (\$1.35), SP Concrete Replacement [Delays associated with COVID19, will catch up by Aug] (\$1.11), LV 22 Blowdown M/U U2 [Project implementation move from Q2 to Q3/Q4] (\$1.10), Security Access Control Computer Repl. [Due to engineering delays Q2] (\$1.07), I&C and Electrical 1R22 Outage 2020 [Due to the budgeting of material pull - Q3] (\$1.00), Normal Chiller Replacement U3 [Implementation delays - Q3] (\$0.90), EDG Spare Generator [Due to milestone payment being to July] (\$0.81), WR Well #1 [Due to the timing of the permit issuance - Q3] (\$0.75), OSB - FIN Area [Timing due to shift in scope - Q4] (\$0.75), Clarifiers Life Extension T6 [Project being delayed to support other emergent projects Q4] (\$0.74), SP Chemical Addition Upgrade U1 [Milestone payment delayed to August] (\$0.64), Misc. (\$0.03)
(\$22.79)	
	<u>Budget Savings:</u>
	LPFW Heater Repl. 2R22 [Scope has been removed from 2R22 due to COVID-19] (\$10), RCP Motor Repl 1R22 [2020 Milestone payment was executed in 2019] (\$1.05), Piping-Fire Protection Yard South Loop [Scope deferred to 2021] (\$1.04), ESF Xmfr NBNX03 [Scope has been removed from 2R22 due to COVID-19] (\$1.00), Vehicle Replacements 2020 [Reduction in overall vehicle purchases for the year] (\$0.71), I&C and Electrical 2R22 Outage 2020 [Fewer I&C components were replaced in the outage] (\$0.65), 2019 Payroll Load True Up (\$0.42)
(\$14.87)	
	<u>Budget Impacts:</u>
\$5.87	2019 A&G Load True Up \$0.20, 45 Acre Inlet Structure [Emergent project not budgeted for in 2020] \$1.08, Emergent RCP Motor Repl 2R22 [Emergency 2R22 scope] \$4.59
<b>Total</b>	<b><u>(\$31.79)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### May 2020

(\$ Millions)

**May 2020 YTD Inventory Variance: \$16.70 Over-run**

YTD	Comments
	<u>Budget Timing:</u>
\$14.95	Less Receipts (\$15.49); Less Issues \$21.83; Greater Adjustments \$17.07; Less Material Returns (\$13.18); Material Sales/Expense \$4.72
	<u>Budget Savings:</u>
\$0.00	
	<u>Budget Impacts:</u>
\$1.75	2019 Inventory Impacts [Less Issues / More Adjustments Partially offset by Less Receipts / Less Returns (\$4.77); MST / Support Ring Moved from Capital Project to Inventory \$6.52M
<b>Total</b>	<b><u>\$16.70</u></b>

## PVGS Executive Cost Report Nuclear Fuels

**May 2020**

(\$ Millions)

YTD	Project	Comments
	<b><u>FIP:</u></b>	
\$2.71	Uranium	Timing - EUP (U3O8 component) delivery budgeted in October moved to February
\$1.43	Conversion	Timing - EUP (Conversion component) delivery budgeted in October moved to February
\$1.38	Enrichment	Timing - EUP (SWU component) delivery budgeted in October moved to February
(\$15.37)	Fabrication	Savings - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with U3C23 NGF milestone moved to September
\$0.02	Use Tax	Impact - Actual Use Tax for U2C23 higher than budgeted
\$0.47	Labor	Impact - Framatome Fuel implementation project
\$7.44	Outside Services	Impact - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with delay in procurement of Casmo/Simulate
(\$0.20)	Other	Savings - NRC Fees associated with Framatome Fuel implementation project less than budgeted
Subtotal FIP	<u>(\$2.11)</u>	
	<b><u>DCS:</u></b>	
(\$0.33)	Labor	Timing - MAGNASTOR implementation project
(\$1.97)	Materials	Timing - MAGNASTOR material milestones
(\$0.21)	Outside Services	Timing - MAGNASTOR engineering services
(\$0.01)	Other	Timing - MAGNASTOR rental services
\$2.81	DOE Settlement	Timing - DOE credit accrual pending contract reinstatement
Subtotal DCS	<u>\$0.29</u>	
Total	<u><u>(\$1.82)</u></u>	



**PVGS Executive Cost Report  
O&M Power Block Report  
May 2020  
(\$000)**

	Current Month				Year-to-Date				Total	Remaining
	Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
UNIT - 1	11,414	13,486	2,072	18%	62,732	62,547	(185)	0%	188,140	125,593
UNIT - 2	14,768	14,269	(499)	-3%	96,591	92,918	(3,674)	-4%	192,593	99,676
UNIT - 3	11,197	12,662	1,465	13%	62,237	58,647	(3,590)	-6%	157,116	98,469
COMMON	1,086	2,018	932	86%	5,531	7,955	2,424	44%	14,134	6,179
PVUNALL	(0)	0	0	0%	(0)	0	0	0%	(0)	(0)
WRF	5,719	5,606	(113)	-2%	28,813	27,604	(1,209)	-4%	73,617	46,014
GENERAL	(0)	148	148	0%	(0)	148	148	0%	(0)	(148)
<b>TOTAL PV</b>	<b>44,184</b>	<b>48,189</b>	<b>4,005</b>	<b>9%</b>	<b>255,904</b>	<b>249,818</b>	<b>(6,086)</b>	<b>-2%</b>	<b>625,600</b>	<b>375,782</b>
PAYROLL	18,078	17,459	(619)	-3%	102,364	102,700	337	0%	271,559	168,858
CONTRACT LABOR	3,449	3,149	(301)	-9%	19,884	19,683	(201)	-1%	44,158	24,475
MATL / SUPPLIES	4,458	3,149	(1,309)	-29%	26,648	25,050	(1,598)	-6%	63,834	38,784
OUTSIDE SERVICES	4,080	2,571	(1,509)	-37%	31,958	24,486	(7,472)	-23%	58,557	34,071
OTHER	14,119	21,861	7,742	55%	75,050	77,898	2,848	4%	187,492	109,594
<b>TOTAL PV</b>	<b>44,184</b>	<b>48,189</b>	<b>4,005</b>	<b>9%</b>	<b>255,904</b>	<b>249,818</b>	<b>(6,086)</b>	<b>-2%</b>	<b>625,600</b>	<b>375,782</b>

# PVGS Executive Cost Report

## Capital Improvements Variance Summary

### May 2020

### (\$000)

		<----- Current Month ----->				<----- Year-to-Date ----->				
<u>Budget Category</u>		<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	<u>Annual Budget</u>
1	Plant Modifications	3,682	2,237	(1,445)	-39%	21,161	17,560	(3,601)	-17%	46,395
2	Equipment & Replacements	7,294	2,855	(4,439)	-61%	39,178	26,122	(13,055)	-33%	94,740
3	Buildings	1,201	209	(992)	-83%	4,637	1,145	(3,492)	-75%	8,995
4	General Plant	705	148	(557)	-79%	2,645	2,076	(569)	-21%	8,059
5	Computers	1,333	398	(934)	-70%	12,366	3,261	(9,104)	-74%	18,406
6	Water Rec Facility	3,499	3,722	223	6%	18,218	17,435	(783)	-4%	35,162
7	Overheads	1,313	1,057	(256)	-20%	6,867	6,180	(688)	-10%	18,677
8	Emergent Work Fund	0	0	0	0%	500	0	(500)	-100%	2,566
9	Fukushima	0	0	0	0%	0	0	0	0%	0
11	Capitalized Incentives	0	0	0	0%	0	0	0	0%	0
Totals		19,026	10,625	(8,401)	-44%	105,572	73,780	(31,792)	-30%	233,000

**PVGS Executive Cost Report  
Nuclear Fuel Report  
May 2020  
(\$000)**

	<u>Current Month</u>			<u>Year-To-Date</u>			<u>Year-End</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Forecast</u>	<u>Variance</u>
Fuel In Process	531	285	(246)	113,120	111,006	(2,114)	214,999	214,189	(810)
Fuel In Stock	-	-	-	-	-	-	-	-	-
Spent Fuel Disposal	-	-	-	-	-	-	-	-	-
Dry Cask Storage	1,587	672	(915)	1,607	1,900	293	(309)	105	414
<b>TOTAL NUCLEAR FUEL</b>	<b>2,118</b>	<b>957</b>	<b>(1,161)</b>	<b>114,727</b>	<b>112,906</b>	<b>(1,821)</b>	<b>214,690</b>	<b>214,294</b>	<b>(396)</b>

## PVGS Executive Cost Report

### Inventory Balance Sheet

#### May 2020

**April 2020 Ending Inventory Balance less Amortization**

**\$186,623,473**

**Increases:**

Receipts	\$2,663,309
Returns	\$1,890,222
Inventory Adjustments	(\$49,778)
Intercompany Balance	\$0
Accounting Adjustments	(\$371,886)
Misc JVs (Repair Accrual)	\$0
Misc JV (SOX Accrual)	\$0
Subtotal	\$4,131,866

**Decreases:**

Issues	(\$4,618,983)
--------	---------------

**Net Change (\$487,116)**

**Amortization Transactions:**

Monthly Amortization Cost	(\$200,000)
Write Offs & Sales	\$1,960,399

**\$1,760,399**

**May 2020 Ending Inventory Balance less Amortization**

**\$187,896,756**

**Notes:**

- Sales to outside utilities for the month was \$6,317 that was written off at original cost.
- The above sales were invoiced for a total of \$10,044 (net 30 days)
- Current month revenue received for sales to outside utilities totaled (\$3,728)
- To Date Amortization Balance = (\$38,233,894)
- Capitalized Spare Account Balance Original Cost = \$32,538,003

## PVGS Executive Cost Report

### Major Inventory Transactions (Over \$25K)

#### May 2020

#### INVENTORY

		<u>Qty</u>	<u>\$ Value</u>			<u>Qty</u>	<u>\$ Value</u>
<b>Issue:</b>	BONNET ASM, DIAPH VALVE	1	\$71,482	<b>Restock:</b>	BALL VALVE	1	\$25,303
	HYDRAMOTOR NH93	1	\$41,748		BALL VALVE	1	\$25,303
	GENERATOR END SHIELDS	1	\$195,286		BALL VALVE	1	\$25,303
	42IN BUTTERFLY VALVE	1	\$173,180		BALL VALVE	1	\$25,303
	CIRC WATER PUMP SHAFT	1	\$48,470		6 INCH BALL VALVE	1	\$28,204
	VALVE, 24" BUTTERFLY, 150	1	\$94,957		VALVE PRZ SAFETY 6 IN	1	\$101,217
	PMTC CATCH BASIN LID	3	\$48,424		VALVE PRZ SAFETY 6 IN	1	\$101,217
					VALVE PRZ SAFETY 6 IN	1	\$101,217
					VALVE PRZ SAFETY 6 IN	1	\$101,217
<b>Received:</b>	GOVERNOR, SPEED	1	\$49,492		PLATE THRUST/SEQ NO 0608	1	\$39,894
	42IN BUTTERFLY VALVE	1	\$160,500		BREAKER, CIRCUIT	1	\$40,005
	GENERATOR END SHIELDS	1	\$195,286				
	OXYGEN ANALZYER	1	\$36,076				
	MANIFOLD ASSEMBLY	1	\$38,999				
	OXYGEN ANALZYER	1	\$36,076				
	ROTOR & SHAFT ASSY,MOTOR	1	\$54,435				
	STATOR, CHILLER; 1298 HP.	1	\$241,304				
	WEDGE, GATE VALVE	2	\$52,976				
	PMTC CATCH BASIN LID	3	\$145,272				
	MOTOR,5000HP,190FR,400RPM	1	\$112,341				

## Revenue, Budget, Actuals, Forecast Variance By Month May 2020

Description		Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b><u>Quantity (acre-feet):</u></b>														
T&T Units 1 & 2	Budget	3,674	274	193	206	94	547	382	454	433	424	98	365	204
	Act/F'cast	3,879	176	379	186	71	706	382	454	433	424	98	365	204
	Var	205	(98)	186	(20)	(23)	159	-	-	-	-	-	-	-
<b><u>Unit Rate (\$/acre-foot):</u></b>														
Transportation & Treatment		\$843												
<b><u>Revenue (\$ 000):</u></b>														
T&T Units 1 & 2	Budget	3,099	231	163	174	79	461	322	383	365	358	83	308	172
	Act/F'cast	3,273	149	320	157	60	596	322	383	365	358	83	308	172
	Var	174	(82)	157	(17)	(19)	135	-	-	-	-	-	-	-
Adjustments*	Act/F'cast	89	-	-	-	-	-	-	89	-	-	-	-	-
	Var	263	(82)	157	(17)	(19)	135	-	89	-	-	-	-	-
Initial Reserve Fee & Credits - U1 & U2	Budget	38	4	4	4	5	1	2	2	2	2	5	3	4
	Act/F'cast	35	4	1	4	5	1	2	2	2	2	5	3	4
	Var	(3)	-	(3)	-	-	-	-	-	-	-	-	-	-
Add'l Reserve Fee & Credits - U3 & U4	Budget	75	6	6	6	6	6	6	6	6	6	6	6	6
	Act/F'cast	75	6	6	6	6	6	6	6	6	6	6	6	6
	Var	-	-	-	-	-	-	-	-	-	-	-	-	-
2019 Transportation and Treatment True-Ups	Budget	-	-	-	-	-	-	-	-	-	-	-	-	-
	Act/F'cast	-	-	-	(260)	-	-	-	-	-	-	-	-	-
	Var	-	-	-	(260)	-	-	-	-	-	-	-	-	-
<b>Total Revenue</b>														
	Budget	3,212	241	173	184	91	469	330	391	373	366	94	317	182
	Act/F'cast	3,212	160	328	(92)	72	601	330	480	373	366	94	317	182
	Var	0	(82)	155	(276)	(19)	132	(0)	89	(0)	0	0	0	(0)

**PVGS Executive Cost Report**  
**Total Outage (O&M)**  
**May 2020**  
**(\$ Millions)**

	<u>Current Month</u>			<u>Year-To-Date</u>			<u>Year-End</u>		
<u>2020 Outages</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
Unit - 2	3.38	0.19	(3.19)	34.23	27.64	(6.59)	34.23	28.50	(5.72)
Unit - 1	-	0.31	0.31	-	0.49	0.49	28.96	28.47	(0.48)
<b>Sub-Total 2020 Outages</b>	<b>3.38</b>	<b>0.51</b>	<b>(2.88)</b>	<b>34.24</b>	<b>28.13</b>	<b>(6.10)</b>	<b>63.19</b>	<b>56.97</b>	<b>(6.20)</b>
 <u>2019 Outage Expenses</u>									
Unit - 3	-	0.17	0.17	-	(1.59)	(1.59)	-	(1.59)	(1.59)
<b>Sub-Total 2019 Outages</b>	<b>-</b>	<b>0.17</b>	<b>0.17</b>	<b>-</b>	<b>(1.59)</b>	<b>(1.59)</b>	<b>-</b>	<b>(1.59)</b>	<b>(1.59)</b>
<b>Total</b>	<b>3.38</b>	<b>0.68</b>	<b>(2.70)</b>	<b>34.24</b>	<b>26.54</b>	<b>(7.69)</b>	<b>63.19</b>	<b>55.38</b>	<b>(7.79)</b>

## PVGS Executive Cost Report APS Employees & Overtime Contract Labor Overtime May 2020

		APS			Contract Labor			
		Employees			Overtime %		Overtime %	
	<u>Organization</u>	<u>Budget</u>	<u>Actual</u>	<u>Var</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>
82PP	Nuclear Operations	1,139	1,132	(7)	17%	25%	28%	20%
97PP	Nuclear Engineering	315	308	(7)	6%	9%	0%	5%
96PP	Emergency Services & Support	434	428	(6)	10%	19%	4%	6%
83PP	Station Support Organizations	61	49	(12)	0%	2%	0%	17%
<b>Total</b>		<b>1,949</b>	<b>1,917</b>	<b>(32)</b>	<b>13%</b>	<b>9%</b>	<b>16%</b>	<b>14%</b>
<b>Year-To-Date Average</b>		<b>1,982</b>	<b>1,956</b>	<b>(26)</b>	<b>10%</b>	<b>9%</b>	<b>14%</b>	<b>17%</b>
<b>Equivalent "Borrowed" Employees</b>								
	<b>Current Month</b>	<b>56</b>	<b>56</b>	<b>0</b>				
	<b>Year-To-Date</b>	<b>56</b>	<b>57</b>	<b>1</b>				

Note: All budgets and actual include O&M, Capital and Fuel values.



# PVGS Executive Cost Report

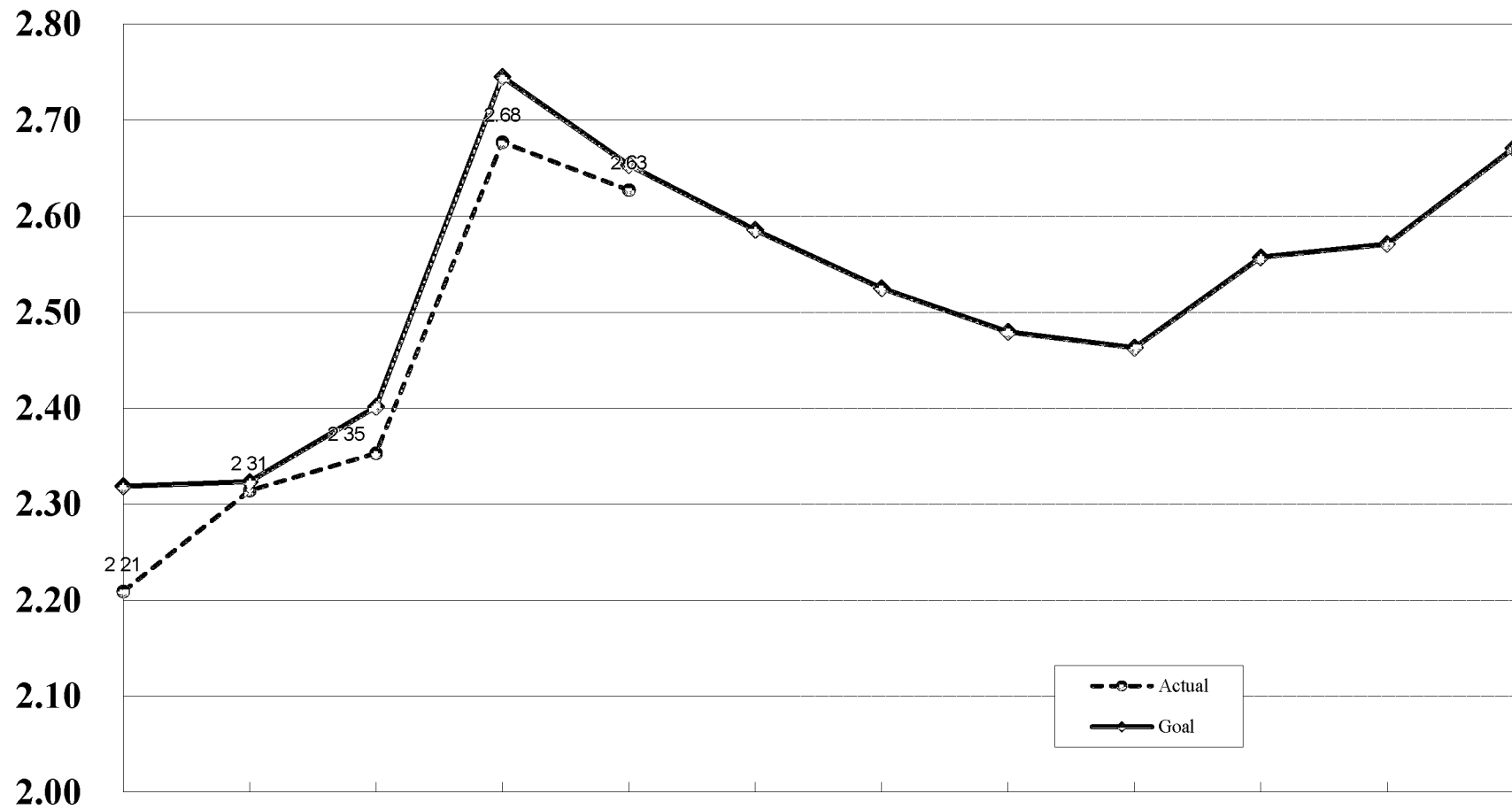
## Contract Labor and Outside Service Report

### May 2020

#### (\$000)

<u>ORGANIZATION</u>	<u>Non-Outage O&amp;M</u>						<u>Outage O&amp;M</u>					
	<u>Contract Labor</u>			<u>Outside Services</u>			<u>Contract Labor</u>			<u>Outside Services</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
<b>82PP Total Nuc Operations</b>												
Current Month	\$1,136	\$1,282	\$146	\$776	\$747	(\$29)	\$1,313	\$242	(\$1,071)	\$315	(\$58)	(\$373)
YTD Closed	\$6,833	\$7,420	\$586	\$5,613	\$5,533	(\$79)	\$7,946	\$6,420	(\$1,526)	\$4,808	\$1,742	(\$3,066)
<b>97PP Tot Nuclear Eng &amp; Support</b>												
Current Month	\$173	\$278	\$105	\$851	\$737	(\$114)	\$25	(\$9)	(\$34)	\$290	(\$180)	(\$470)
YTD Closed	\$885	\$894	\$9	\$3,397	\$2,915	(\$482)	\$126	\$78	(\$48)	\$7,651	\$6,377	(\$1,274)
<b>96PP Total Operations Support</b>												
Current Month	\$771	\$1,189	\$418	\$723	\$712	(\$11)	\$26	\$37	\$11	\$0	\$75	\$75
YTD Closed	\$3,931	\$4,431	\$500	\$3,090	\$4,278	\$1,188	\$125	\$154	\$29	\$203	\$192	(\$11)
<b>83PP Total Station Support</b>												
Current Month	\$5	\$130	\$125	\$625	\$537	(\$88)	\$0	\$0	\$0	\$500	\$0	(\$500)
YTD Closed	\$38	\$283	\$245	\$6,696	\$3,449	(\$3,247)	\$0	\$4	\$4	\$500	\$0	(\$500)
<b>Total</b>												
Current Month	\$2,085	\$2,879	\$794	\$2,975	\$2,733	(\$242)	\$1,364	\$270	(\$1,094)	\$1,105	(\$163)	(\$1,268)
YTD Closed	\$11,688	\$13,027	\$1,340	\$18,796	\$16,175	(\$2,621)	\$8,197	\$6,656	(\$1,541)	\$13,162	\$8,311	(\$4,851)

## PVGS Executive Cost Report 2020 YTD Production Costs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goal	2.32	2.32	2.40	2.75	2.65	2.59	2.52	2.48	2.46	2.56	2.57	2.67
Actual	2.21	2.31	2.35	2.68	2.63							

## PVGS Executive Cost Report

### O&M Cost per Kilowatt Hour

#### May 2020

A.	O&M Costs (\$000):	249,045	
	Amortization/Redhawk Tertiary	(1,720)	
	Incentives	773	
	<b>Net O&amp;M:</b>	<u>248,098</u>	
B.	Net Generation (MWh):		
	Unit 1	4,864,382	
	Unit 2	3,643,940	
	Unit 3	<u>4,524,027</u>	
	<b>Total</b>	<b><u>13,032,349</u></b>	
C.	Net O&M Cost per kWh:	1.904	<i>Cents per KWhr (1 &amp; 3)</i>
D.	Nuclear Fuel Expense:	<u>0.723</u>	<i>Cents per KWhr (2)</i>
E.	Total O&M Cost per kWh (W/Fuel)	<b>2.627</b>	<i>Cents per KWhr (1, 2, &amp; 3)</i>
I.	2019 Actual:	2.67	<i>Cents per KWhr (1, 2, &amp; 3)</i>
II.	2018 Actual Revised:	2.69	<i>Cents per KWhr (1, 2, &amp; 3)</i>
III.	2017 Actual Revised:	2.78	<i>Cents per KWhr (1 &amp; 2)</i>
IV.	2016 Actual Revised:	2.81	<i>Cents per KWhr (1 &amp; 2)</i>
V.	2015 Actual Revised:	2.78	<i>Cents per KWhr (1 &amp; 2)</i>
VI.	2014 Actual Revised:	2.87	<i>Cents per KWhr (1 &amp; 2)</i>
VII.	2013 Actual Revised:	2.93	<i>Cents per KWhr (1 &amp; 2)</i>
VIII.	2012 Actual Revised:	2.92	<i>Cents per KWhr (1 &amp; 2)</i>
IX.	2011 Actual Revised:	2.90	<i>Cents per KWhr (1 &amp; 2)</i>
X.	2010 Actual Revised:	2.83	<i>Cents per KWhr (1 &amp; 2)</i>

**Note: Revision of the Production Cost Calculation**

(1) O&M is calculated as O&M costs including incentives, less amortization

(2) Fuel Expense: YTD = \$94.3 M. The fixed and variable costs related to nuclear spent fuel rod storage are not included in the unit costs.

(3) O&M is calculated to exclude Redhawk Tertiary

**PVGS Executive Cost Report**  
**FERC Cost Report**  
**May 2020**  
**(\$ 000)**

		Current Month				Year to Date				Total	Remaining
		Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
<b><u>Production Operations</u></b>											
5170000	517 Ops Supv & Eng	6,235	6,277	42	1%	32,755	32,110	(646)	-2%	75,018	42,908
5190000	519 Coolants and Water	3,918	3,581	(337)	-9%	19,048	18,478	(570)	-3%	50,241	31,763
5200000	520 Steam Expenses	2,726	2,431	(294)	-11%	14,219	14,292	73	1%	33,114	18,822
5230000	523 Electric Expenses	3,313	2,787	(526)	-16%	17,143	16,118	(1,024)	-6%	41,238	25,119
5240000	524 Misc Nuc Power Exp	8,713	8,271	(442)	-5%	50,510	49,250	(1,260)	-2%	141,452	92,202
5250000	525 Nuc Power Rents	-	-	-	0%	-	-	-	0%	-	-
<b>Total Production Operations</b>		<b>24,904</b>	<b>23,346</b>	<b>(1,558)</b>	<b>-6%</b>	<b>133,676</b>	<b>130,249</b>	<b>(3,427)</b>	<b>-3%</b>	<b>341,063</b>	<b>210,814</b>
<b><u>Production Maintenance</u></b>											
5280000	528 Supv & Eng	1,041	323	(718)	-69%	11,646	10,094	(1,553)	-13%	18,991	8,897
5290000	529 Maint of Structure	305	479	174	57%	2,482	2,742	260	10%	6,129	3,387
5300000	530 Maint of Reactor Plant Equip	3,783	795	(2,988)	-79%	28,370	17,345	(11,024)	-39%	62,498	45,153
5310000	531 Maint of Electric Plant	1,324	1,850	526	40%	10,630	15,447	4,816	45%	22,839	7,392
5320000	532 Maint of Misc Nuc Plant	620	744	125	20%	2,712	4,348	1,636	60%	6,249	1,901
<b>Total Production Maintenance</b>		<b>7,073</b>	<b>4,192</b>	<b>(2,881)</b>	<b>-41%</b>	<b>55,840</b>	<b>49,975</b>	<b>(5,865)</b>	<b>-11%</b>	<b>116,706</b>	<b>66,731</b>
<b><u>Transmission</u></b>											
5560000	556 Sys Cntl/Load Dispatch	619	626	7	1%	3,015	2,721	(294)	-10%	7,229	4,508
<b>Total Transmissions</b>		<b>619</b>	<b>626</b>	<b>7</b>	<b>1%</b>	<b>3,015</b>	<b>2,721</b>	<b>(294)</b>	<b>-10%</b>	<b>7,229</b>	<b>4,508</b>
<b><u>Other</u></b>											
4081001	408 Payroll Taxes	1,265	2	(1,263)	-100%	7,165	5,963	(1,203)	-17%	19,009	13,046
4082001	408 Other Taxes	-	-	-	0%	-	6	6	0%	-	(6)
4261000	426 Donations/Penalties	15	2	(14)	-90%	61	128	(179)	-293%	112	(16)
4264000	426 Civic Political	-	2	2	0%	-	12	12	0%	-	(12)
4265000	426 Other Deductions/Exp	-	-	-	0%	-	179	179	0%	-	(179)
9240000	924 Property Insurance	566	557	(9)	-2%	2,828	(2,542)	(5,370)	-190%	6,786	9,328
9250000	925 Injuries & Damages	290	267	(23)	-8%	1,638	1,445	(193)	-12%	3,971	2,526
9250001	925 Injuries & Damages - Benefits	156	(482)	(637)	-410%	814	174	(640)	-79%	1,941	1,766
9260001	926 Pensions & Benefits	3,035	(775)	(3,809)	-126%	15,868	12,015	(3,853)	-24%	37,841	25,826
9280000	928 Reg Commission Exp	1,380	1,499	119	9%	7,361	7,244	(117)	-2%	17,621	10,377
9302000	930 Admin & General Exp	4,881	18,953	14,072	288%	27,638	42,250	14,612	53%	73,321	31,071
<b>Total Other</b>		<b>11,588</b>	<b>20,025</b>	<b>8,438</b>	<b>73%</b>	<b>63,373</b>	<b>66,872</b>	<b>3,499</b>	<b>6%</b>	<b>160,601</b>	<b>93,729</b>
<b>Total</b>		<b>44,184</b>	<b>48,189</b>	<b>4,005</b>	<b>9%</b>	<b>255,904</b>	<b>249,818</b>	<b>(6,086)</b>	<b>-2%</b>	<b>625,600</b>	<b>375,782</b>

# PVGS Executive Cost Report

## 2020 Total (O&M and Capital) Actual Incentives with Loads May 2020

\$	33,005	Est.	Total Year End Incentive
	-	Act	Total Unit-3 Outage Incentive (100 day run)
	<b>33,005</b>		<b>Subtotal Estimate Incentives for 2020</b>
<hr/>			
\$	11,222	Est.	Total Loads For Year-End Incentive
	-	Act	Total Unit-3 Outage Incentive (100 day run)
	<b>11,222</b>		<b>Subtotal Estimate Incentive Load for 2020</b>
<hr/>			
\$	336	Est.	2019 EIP True Up
	326	Est.	2019 EIP Incentive Payroll
	111	Est.	2019 EIP Incentive Loads
	<b>773</b>		<b>Subtotal Incentives - Prior Year Adjustments</b>
<hr/>			
<b>\$</b>	<b>45,000</b>		<b>Total (O&amp;M and Capital) Actual Incentives and Loads for 2020</b>

**PVGS Executive Cost Report**  
**Year End Forecast**  
**May 2020**  
(\$ Millions)

	YTD	Actuals					Forecast							Year End
	Actuals	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Variance
<b>O &amp; M</b>	<b>235.95</b>	<b>44.59</b>	<b>42.93</b>	<b>46.92</b>	<b>63.15</b>	<b>38.36</b>	<b>43.51</b>	<b>45.57</b>	<b>45.35</b>	<b>47.65</b>	<b>66.35</b>	<b>46.69</b>	<b>43.42</b>	<b>(8.39)</b>
<b>COVID-19 (Incremental) <sup>(2)</sup></b>	<b>3.08</b>	-	-	<b>0.56</b>	<b>2.03</b>	<b>0.49</b>	-	-	-	-	-	-	-	<b>3.08</b>
<b>COVID-19 (Non-Incremental) <sup>(2)</sup></b>	<b>1.51</b>	-	-	<b>0.05</b>	<b>0.96</b>	<b>0.50</b>	<b>0.25</b>	<b>0.25</b>	-	-	-	-	-	<b>2.01</b>
<b>Exclusions <sup>(1)</sup></b>	<b>8.50</b>	-	-	-	-	<b>8.50</b>	-	<b>(1.53)</b>	<b>(1.53)</b>	<b>(1.53)</b>	<b>(1.55)</b>	<b>(1.53)</b>	<b>(1.53)</b>	<b>(0.70)</b>
<b>Incentives <sup>(w/ Loads &amp; Adj)</sup></b>	<b>0.77</b>	-	-	<b>0.44</b>	-	<b>0.34</b>	-	-	-	-	-	-	<b>41.93</b>	<b>(0.00)</b>
<b>Sub Total O&amp;M</b>	<b>249.82</b>	<b>44.59</b>	<b>42.93</b>	<b>47.97</b>	<b>66.14</b>	<b>48.19</b>	<b>43.76</b>	<b>44.29</b>	<b>43.82</b>	<b>46.12</b>	<b>64.80</b>	<b>45.16</b>	<b>83.82</b>	<b>(4.00)</b>
	YTD	Actuals					Forecast							Year End
	Actuals	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Variance
<b>Capital</b>	<b>74.00</b>	<b>10.09</b>	<b>12.07</b>	<b>16.50</b>	<b>24.50</b>	<b>10.85</b>	<b>15.34</b>	<b>13.38</b>	<b>15.49</b>	<b>31.92</b>	<b>43.55</b>	<b>26.23</b>	<b>10.79</b>	-
<b>Exclusions <sup>(1)</sup></b>	<b>(0.22)</b>	-	-	-	-	<b>(0.22)</b>	-	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(1.30)</b>
<b>Incentives <sup>(w/ Loads &amp; Adj)</sup></b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>2.30</b>	-
<b>Sub Total Capital</b>	<b>73.78</b>	<b>10.09</b>	<b>12.07</b>	<b>16.50</b>	<b>24.50</b>	<b>10.63</b>	<b>15.34</b>	<b>13.20</b>	<b>15.31</b>	<b>31.74</b>	<b>43.37</b>	<b>26.05</b>	<b>12.91</b>	<b>(1.30)</b>

(1) Exclusions include: Mid- Year True-Ups (A&G/PRD, Load Dispatch - Exhibit 1 A&G) and any Mid -Year Rate Changes.

(2) COVID-19 FERC Account is 5240000 for all costs



**MICHAEL MCLAUGHLIN**  
Vice President  
Site Services

5801 S Wintersburg Rd  
Tonopah, AZ 85354

ID: 517-00003  
Date: July 17, 2020

To: File  
Sta. #  
Ext. #

From: M. McLaughlin  
Sta. # 7605  
Ext. # 82-5761

Subject: **PVGS June 2020 Executive Cost Report**

Attached is the PVGS Executive Cost Report that reflects information for June 2020 for the O&M (including incentives), Capital (including incentives), and Nuclear Fuel budgets. The report compares actual costs to budget for the month, year-to-date (YTD), and presents the year-end variances as summarized below:

(Millions of Dollars)

Category	YTD Budget	YTD Actual	Year – End Variance
O&M	299.76	291.28	(10.40)
Capital	122.89	88.61	(2.16)
Nuclear Fuel	125.90	115.29	(0.31)
Total	548.55	495.18	(12.87)

Please call me if you have any questions or comments.

MM / SB

Attachment

cc:	J. Guldner	9040	J. McGill	7990
	T. Horton	7602	T. Mionske	7990
	M. Lacal	7605	E. Asturias	7990
	M. McLaughlin	7605		
	B. Rash	7602		

A decorative graphic consisting of several hexagons of different colors (purple, blue, green, grey) arranged in a cluster. Some hexagons contain images: a nuclear power plant, a desert landscape with a saguaro cactus, and a blue sky with white clouds. Other hexagons are solid colors or have a subtle pattern.

# **Palo Verde Generating Station Executive Cost Report**

**June 2020**

**Prepared by  
Business Operations**



# Palo Verde Generating Station Executive Cost Report

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**PVGS Executive Cost Report**  
**All Budgets Recap**  
**June 2020**  
(\$ Millions)

	<u>Current Month</u>			<u>Year-to-Date</u>			<u>Year-End Forecast</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
<b>O &amp; M</b>	<b>43.86</b>	<b>41.46</b>	<b>(2.39)</b>	<b>299.16</b>	<b>290.51</b>	<b>(8.65)</b>	<b>582.90</b>	<b>575.50</b>	<b>(7.40)</b>
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	0.61	0.77	0.17	42.70	39.70	(3.00)
<b>Sub Total O&amp;M</b>	<b>43.86</b>	<b>41.46</b>	<b>(2.39)</b>	<b>299.76</b>	<b>291.28</b>	<b>(8.48)</b>	<b>625.60</b>	<b>615.20</b>	<b>(10.40)</b>
<b>Capital</b>	<b>17.32</b>	<b>14.83</b>	<b>(2.49)</b>	<b>122.89</b>	<b>88.61</b>	<b>(34.29)</b>	<b>230.70</b>	<b>229.40</b>	<b>(1.30)</b>
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	-	-	-	2.30	1.44	(0.86)
	<b>17.32</b>	<b>14.83</b>	<b>(2.49)</b>	<b>122.89</b>	<b>88.61</b>	<b>(34.29)</b>	<b>233.00</b>	<b>230.84</b>	<b>(2.16)</b>
<b>Nuclear Fuel</b>	<b>11.17</b>	<b>2.39</b>	<b>(8.78)</b>	<b>125.90</b>	<b>115.29</b>	<b>(10.60)</b>	<b>214.69</b>	<b>214.38</b>	<b>(0.31)</b>
<b>Total</b>	<b>72.35</b>	<b>58.68</b>	<b>(13.67)</b>	<b>548.55</b>	<b>495.18</b>	<b>(53.37)</b>	<b>1,073.29</b>	<b>1,060.42</b>	<b>(12.87)</b>
<b>Net Inventory</b>				<b>172.20</b>	<b>188.48</b>	<b>16.28</b>	<b>170.90</b>	<b>179.44</b>	<b>8.54</b>
<b>Revenue</b>	<b>0.33</b>	<b>0.40</b>	<b>0.07</b>	<b>1.49</b>	<b>1.47</b>	<b>(0.02)</b>	<b>3.21</b>	<b>3.21</b>	<b>0.00</b>

# PVGS Executive Cost Report

## All Budgets Recap

### June 2020

(\$ Millions)

**June 2020 MTD O&M Variance: (\$2.39)**

MTD	Comments
	<u>Budget Timing:</u>
\$0.00	Incentives:
	Online: Engineering Online Services - Plant and Design [3rd/4th Qtr] (\$0.10), Site Payroll/Loads (4th Qtr) (\$0.46), Site Support/Misc [Various Groups - 3rd Qtr] (\$0.67)
(\$1.23)	
\$0.53	1R22: Early Material Withdrawal, Labor Charges [Mischarges-September] \$0.18, 2R22: Maintenance Projects Final Invoicing Update/Misc \$0.35
	<u>Budget Savings:</u>
\$0.00	Incentives:
	Online: Temporary Employee (Intern) (\$0.14), STARS Volume Incentive Rebate (\$0.29), Site Travel (\$0.42), Site Emergent Work Fund/Misc (\$0.61), Station Services [Fees/Dues/Other] (\$1.36)
(\$2.82)	
\$0.00	Outage:
	<u>Budget Impacts:</u>
\$0.00	Incentives:
	Online: COVID19 Incremental Support \$0.48, LPFWH 2R22 Deferral/Misc (Online) \$0.65
\$1.13	
\$0.00	Outage:
<b>Total</b>	<b><u>(\$2.39)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### June 2020

(\$ Millions)

**June 2020 YTD O&M Variance: (\$8.48) Under-run**

YTD	Comments
	<u>Budget Timing:</u>
(\$4.33)	Online: SCORE/MLIS Replacement [Amortization for 2020] (\$0.30), HR Relocation (\$0.32), Site Payroll/Loads (4th Qtr) (\$0.46), Sandia Labs/Policy Group [Contract Review - 2nd Qtr] (\$0.52), Station Services [Fees/Dues/Other - 3rd Qtr] (\$0.70), Engineering Online Services - Plant and Design [3rd/4th Qtr] (\$0.90), Site Support [Various Groups - 3rd Qtr] (\$1.13)
\$0.40	Outage: 1R22: Early Material Withdrawal, Labor Charges (Mischarges-September) \$0.40
	<u>Budget Savings:</u>
(\$0.61)	Incentives: U3R21 100 Day Run
(\$15.86)	Online: Engineering License - ETAP [RUC] (\$0.10), Temporary Employee [Intern] (\$0.14), STARS Volume Incentive Rebate (\$0.29), HR Relocation (\$0.35), Site Emergent Work Fund/Misc (\$0.82), Site Travel (\$1.10), SCORE/MLIS Replacement (\$1.21), Station Services [Fees/Dues/Other] (\$1.36), Insurance [Allocation Adjustment, NEIL Reimbursement] (\$4.80), 2019 Payroll Load True Up [2020 Exclusion](\$5.69)
(\$8.36)	Outage: 3R21: Prior Year Outage Support [Final Invoicing/Material Returns] (\$1.81), 2R22: Spring Outage Scope COVID Mitigation/Headcount/Material Request Reduction/Emergent Work Fund (\$6.55)
	<u>Budget Impacts:</u>
\$0.78	Incentives: 2019 True-Up/EIP Update \$0.78
\$19.50	Online: 2019 A&G Load True Up [2020 Exclusion] \$13.62, COVID19 Incremental Support \$3.64, LPFWH 2R22 Deferral [Online] \$0.61, U3 RCP 1B/U2 FW SNO [APS Overtime, Labor OT, Materials] \$0.58, 2019 Exhibit 1 Load Dispatch True Up [2020 Exclusion] \$0.57, Material Average Unit Cost Adjustments \$0.23, NAU Degree Program \$0.10, DOE [Insurance] \$0.10, U2 Main Feedwater Loss SNO [APS Overtime] \$0.05
\$0.00	Outage:
<b>Total</b>	<b><u>(\$8.48)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### June 2020

(\$ Millions)

**June 2020 MTD Capital Variance: (\$2.49) Under-run**

MTD	Comments
	<u>Budget Timing:</u>
\$0.22	SP Concrete Repl. U3 [Implementation delays due to COVID19 - August] (\$0.77), CTLE 2020 U2 [Costs incurred in prior months] (\$0.49), SP Filtration System Repl U2 [Implementation start delayed to August] (\$0.25), Digital SMP Phase II [Prior month under run PO has now been issued] \$1.78, Misc. (\$0.05)
	<u>Budget Savings:</u>
(\$2.95)	Security Access Control Computer Repl. [Partial scope deferred to 2021 due to engineering delays] (\$0.81), Construction Power Repl. [Project deferred to out years](\$0.55), Clarifiers Life Extension T6 [Due to priority associated with Clarifier Train 1 work] (\$0.48), eWP Advanced Interactive [Delays with Phase I have deferred implementation start to 2021] (\$0.46), Main Transformer New Spare [Due to parts being moved into inventory] (\$0.38), Liquid Storage Nitrogen Tank Repl. [Project deferred to out years] (\$0.27)
	<u>Budget Impacts:</u>
\$0.24	RCP 1B Motor Repl 2R22 [Emergent 2R22 scope] \$0.24
<b>Total</b>	<b><u>(\$2.49)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### June 2020

(\$ Millions)

June 2020 YTD Capital Variance: (\$34.29) Under-run

YTD	Comments
	<u>Budget Timing:</u> S.C.O.R.E Supply Chain Optimization [Originally budgeted \$7.6M payment in March, however, will now be allocated monthly] (\$6.31), RCP Motor Repl 1R22 [Material move to the Emergency Spring 2R22 RCP Motor Repl] (\$4.45), SP Concrete Replacement [Delays associated with COVID19, will catch up by Aug] (\$1.88), Clarifiers Life Extension T6 [Project being delayed to support other emergent projects Q4] (\$1.21), LV 22 Blowdown M/U U2 [Project implementation move from Q2 to Q3/Q4] (\$1.15), I&C and Electrical 1R22 Outage 2020 [Due to the budgeting of material pull - Q3] (\$1.00), Normal Chiller Replacement U3 [Implementation delays - Q3] (\$0.99), WR Well #1 [Due to the timing of the permit issuance - Q3] (\$0.88), EDG Spare Generator [Delays associated with engineering milestone payment - Q3] (\$0.81), OSB - FIN Area [Timing due to shift in scope - Q4] (\$0.72), Digital SMP Phase I U3 [Due to delays with vendor Q2] (\$0.70), Facilities Upgrades PA/Non PA [Due to scope and WA issuance later than budget - Q3] (\$0.70), Waste Centrifuge Piers Refurbishment [Implementation delayed due to WRF project priorities - Q4] (\$0.70), Facilities Infrastructure Common [Due to scope and WA issuance later than budget - Q3] (\$0.64), EDG Protective Relay Repl 2A [Implementation start delayed - Q3] (\$0.59), Misc. (\$0.03)
(\$22.76)	
	<u>Budget Savings:</u> LPFW Heater Repl. 2R22 [Scope was removed from 2R22 due to COVID-19] (\$10.14), Security Access Control Computer Repl. [Partial scope deferred to 2021 due to engineering delays] (\$1.88), Piping-Fire Protection Yard South Loop [Scope deferred to 2021] (\$1.21), RCP Motor Repl 1R22 [2020 Milestone payment was executed in 2019] (\$1.05), ESF Xmfr NBNX03 [Scope has been removed from 2R22 due to COVID-19] (\$1.00), eWP Advanced Interactive [Delays with Phase I have deferred implementation start to 2021] (\$0.88), Construction Power Replacement 2020 [Project deferred to out years] (\$0.80), Vehicle Replacements 2020 [Reduction in overall vehicle purchases for the year] (\$0.71), I&C and Electrical 2R22 Outage 2020 [Fewer I&C components were replaced in the outage] (\$0.59), 2019 Payroll Load True Up [2020 Exclusion] (\$0.42)
(\$18.68)	
	<u>Budget Impacts:</u> 2019 A&G Load True Up \$0.20 [2020 Exclusion], RCP Seal Replacement U3 1B [Emergent SNO] \$1.03, 45 Acre Inlet Structure [Emergent project not budgeted for in 2020] \$1.09, Emergent RCP Motor Repl 2R22 [Emergency 2R22 scope] \$4.83
\$7.15	
<b>Total</b>	<b><u>(\$34.29)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### June 2020

(\$ Millions)

**June 2020 YTD Inventory Variance: \$16.28 Over-run**

YTD	Comments
	<u>Budget Timing:</u>
\$14.53	Less Receipts (\$15.49); Less Issues \$21.45; Greater Adjustments \$17.03; Less Material Returns (\$13.18); Material Sales/Expense \$4.72
	<u>Budget Savings:</u>
\$0.00	
	<u>Budget Impacts:</u>
\$1.75	2019 Inventory Impacts [Less Issues / More Adjustments Partially offset by Less Receipts / Less Returns (\$4.77); MST / Support Ring Moved from Capital Project to Inventory \$6.52.
<b>Total</b>	<b><u><u>\$16.28</u></u></b>

## PVGS Executive Cost Report Nuclear Fuels

**June 2020**  
(\$ Millions)

YTD	Project	Comments
	<b><u>FIP:</u></b>	
\$2.71	Uranium	Timing - EUP (U3O8 component) delivery budgeted in October moved to February
\$1.40	Conversion	Timing - EUP (Conversion component) delivery budgeted in October moved to February
\$1.38	Enrichment	Timing - EUP (SWU component) delivery budgeted in October moved to February
(\$24.73)	Fabrication	Savings - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with U2C24 & U3C23 milestones moved to 2nd half of 2020
\$0.02	Use Tax	Impact - Actual Use Tax for U2C23 higher than budgeted
\$0.49	Labor	Impact - Framatome Fuel implementation project
\$7.41	Outside Services	Impact - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with delay in procurement of Casmo/Simulate
(\$0.21)	Other	Savings - NRC Fees associated with Framatome Fuel implementation project less than budgeted
Subtotal FIP	<u>(\$11.52)</u>	
	<b><u>DCS:</u></b>	
(\$0.09)	Labor	Timing - MAGNASTOR implementation project
(\$3.61)	Materials	Timing - MAGNASTOR material milestones
(\$0.24)	Outside Services	Timing - MAGNASTOR engineering services
\$4.85	DOE Settlement	Timing - DOE credit accrual pending contract reinstatement
Subtotal DCS	<u>\$0.91</u>	
Total	<u><u>(\$10.60)</u></u>	



**PVGS Executive Cost Report  
O&M Power Block Report  
June 2020  
(\$000)**

	Current Month				Year-to-Date				Total	Remaining
	Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
UNIT - 1	12,404	11,644	(761)	-6%	75,136	74,191	(945)	-1%	188,140	113,949
UNIT - 2	12,346	11,621	(725)	-6%	108,937	104,539	(4,399)	-4%	192,593	88,054
UNIT - 3	12,182	11,362	(820)	-7%	74,419	70,009	(4,410)	-6%	157,116	87,107
COMMON	995	1,436	441	44%	6,526	9,391	2,864	44%	14,134	4,743
PVUNALL	0	0	0	0%	(0)	0	0	0%	(0)	(0)
WRF	5,930	5,389	(540)	-9%	34,743	32,993	(1,750)	-5%	73,617	40,624
GENERAL	(0)	10	10	0%	(0)	158	158	0%	(0)	(158)
<b>TOTAL PV</b>	<b>43,857</b>	<b>41,462</b>	<b>(2,395)</b>	<b>-5%</b>	<b>299,761</b>	<b>291,280</b>	<b>(8,481)</b>	<b>-3%</b>	<b>625,600</b>	<b>334,320</b>
PAYROLL	19,795	19,484	(311)	-2%	122,159	122,184	26	0%	271,559	149,374
CONTRACT LABOR	2,344	2,516	172	7%	22,229	22,199	(30)	0%	44,158	21,959
MATL / SUPPLIES	5,447	5,282	(165)	-3%	32,095	30,333	(1,762)	-5%	63,834	33,501
OUTSIDE SERVICES	3,072	2,124	(948)	-31%	35,030	26,610	(8,420)	-24%	58,557	31,947
OTHER	13,199	12,056	(1,143)	-9%	88,249	89,954	1,705	2%	187,492	97,538
<b>TOTAL PV</b>	<b>43,857</b>	<b>41,462</b>	<b>(2,395)</b>	<b>-5%</b>	<b>299,761</b>	<b>291,280</b>	<b>(8,481)</b>	<b>-3%</b>	<b>625,600</b>	<b>334,320</b>

# PVGS Executive Cost Report

## Capital Improvements Variance Summary

### June 2020

### (\$000)

		<----- Current Month ----->				<----- Year-to-Date ----->				Annual Budget
<u>Budget Category</u>		<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	
1	Plant Modifications	3,999	5,151	1,152	29%	25,161	22,711	(2,449)	-10%	46,395
2	Equipment & Replacements	5,204	3,859	(1,345)	-26%	44,381	29,981	(14,400)	-32%	94,740
3	Buildings	1,137	201	(937)	-82%	5,774	1,345	(4,429)	-77%	8,995
4	General Plant	1,080	113	(967)	-90%	3,725	2,189	(1,535)	-41%	8,059
5	Computers	1,224	981	(242)	-20%	13,589	4,243	(9,347)	-69%	18,406
6	Water Rec Facility	3,291	3,291	0	0%	21,509	20,726	(783)	-4%	35,162
7	Overheads	1,388	1,232	(156)	-11%	8,255	7,412	(844)	-10%	18,677
8	Emergent Work Fund	0	0	0	0%	500	0	(500)	-100%	2,566
9	Fukushima	0	0	0	0%	0	0	0	0%	0
11	Capitalized Incentives	0	0	0	0%	0	0	0	0%	0
Totals		17,323	14,828	(2,495)	-14%	122,895	88,608	(34,287)	-28%	233,000

## PVGS Executive Cost Report Nuclear Fuel Report

June 2020

(\$000)

	Current Month			Year-To-Date			Year-End		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Forecast</u>	<u>Variance</u>
Fuel In Process	11,300	1,897	(9,403)	124,420	112,903	(11,517)	214,999	213,706	(1,293)
Fuel In Stock	-	-	-	-	-	-	-	-	-
Spent Fuel Disposal	-	-	-	-	-	-	-	-	-
Dry Cask Storage	(130)	491	621	1,477	2,391	914	(309)	675	984
<b>TOTAL NUCLEAR FUEL</b>	<b>11,170</b>	<b>2,388</b>	<b>(8,782)</b>	<b>125,897</b>	<b>115,294</b>	<b>(10,603)</b>	<b>214,690</b>	<b>214,381</b>	<b>(309)</b>

## PVGS Executive Cost Report

### Inventory Balance Sheet

#### June 2020

**May 2020 Ending Inventory Balance less Amortization**

\$187,896,756

**Increases:**

Receipts	\$2,475,953
Returns	\$1,642,472
Inventory Adjustments	(\$29,865)
Intercompany Balance	\$0
Accounting Adjustments	(\$508,344)
Misc JVs (Repair Accrual)	\$0
Misc JV (SOX Accrual)	\$0
Subtotal	\$3,580,215

**Decreases:**

Issues	(\$3,731,398)
--------	---------------

Net Change (\$151,183)

**Amortization Transactions:**

Monthly Amortization Cost	(\$200,000)
Write Offs & Sales	\$936,482

\$736,482

**June 2020 Ending Inventory Balance less Amortization**

\$188,482,055

**Notes:**

- Sales to outside utilities for the month was \$0 that was written off at original cost.
- The above sales were invoiced for a total of \$0 (net 30 days)
- Current month revenue received for sales to outside utilities totaled (\$0)
- To Date Amortization Balance = (\$38,233,894)
- Capitalized Spare Account Balance Original Cost = \$32,538,003

## PVGS Executive Cost Report

### Major Inventory Transactions (Over \$25K)

June 2020

#### INVENTORY

		<u>Qty</u>	<u>\$ Value</u>			<u>Qty</u>	<u>\$ Value</u>
<b>Issue:</b>	ROTOR & SHAFT ASSY,MOTOR	1	\$54,435	<b>Restock:</b>	CIRC WATER PUMP DIFFUSER	1	\$184,000
	STATOR, CHILLER; 1298 HP.	1	\$241,304		CIRC WATER SUCTION BELL	1	\$37,400
	BREAKER, CIRCUIT	1	\$40,005		CIRC WATER PUMP SHAFT	1	\$48,470
	PUMP REPAIR KIT, MAJOR	1	\$31,539		BALL VALVE	1	\$25,303
	VALVE, 24" BUTTERFLY, 150	1	\$94,957		BALL VALVE	1	\$25,303
	ASSY, CRANK SHAFT GAULIN	1	\$94,000		BALL VALVE	1	\$25,303
	OXYGEN ANALZYER	1	\$38,926		VALVE, 24" BUTTERFLY, 150	1	\$94,957
	BREAKER, CIRCUIT	1	\$40,005		CIV-SV ACTUATOR	1	\$78,128
	CIV-SV ACTUATOR	2	\$156,256		MAIN STM CIV-IV	1	\$66,885
	MAIN STM CIV-IV	2	\$133,770		PUMP ASSEMBLY, EHC	1	\$40,000
	HIGH VOLTAGE MAIN BUSHING	2	\$0		HIGH VOLTAGE MAIN BUSHING	1	\$0
					CIV-SV ACTUATOR	1	\$78,128
<b>Received:</b>	AIR CLR FOR GEN COLL HOU	1	\$30,340		MAIN STM CIV-IV	1	\$66,885
	PUMP REPAIR KIT, MAJOR	1	\$29,230		MAIN TRANSFORMER HV NEUTR	1	\$44,000
	BREAKER, CIRCUIT	1	\$190,000		MAIN TRANSFORMER HV NEUTR	1	\$44,000
	BUSHING, REAR	3	\$89,100		HIGH VOLTAGE MAIN BUSHING	1	\$80,000
	MOTOR, 13.2HP/3600RPM	1	\$94,023		HIGH VOLTAGE MAIN BUSHING	1	\$80,000
	VALVE, SOV LESS ELECTRICS	2	\$63,900				
	VALVE, BUTTERFLY, 4 IN	1	\$38,785				
	PUMP MAIN EHC "B" TRAIN	1	\$59,103				

## Revenue, Budget, Actuals, Forecast Variance By Month June 2020

Description		Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b><u>Quantity (acre-feet):</u></b>														
T&T Units 1 & 2	Budget	3,674	274	193	206	94	547	382	454	433	424	98	365	204
	Act/F'cast	3,957	176	379	186	71	706	460	454	433	424	98	365	204
	Var	283	(98)	186	(20)	(23)	159	78	-	-	-	-	-	-
<b><u>Unit Rate (\$/acre-foot):</u></b>														
Transportation & Treatment		\$843												
<b><u>Revenue (\$ 000):</u></b>														
T&T Units 1 & 2	Budget	3,099	231	163	174	79	461	322	383	365	358	83	308	172
	Act/F'cast	3,339	149	320	157	60	596	388	383	365	358	83	308	172
Adjustments*	Act/F'cast	23	-	-	-	-	-	-	23	-	-	-	-	-
	Var	263	(82)	157	(17)	(19)	135	66	23	-	-	-	-	-
Initial Reserve Fee & Credits - U1 & U2	Budget	38	4	4	4	5	1	2	2	2	2	5	3	4
	Act/F'cast	35	4	1	4	5	1	2	2	2	2	5	3	4
	Var	(3)	-	(3)	-	-	-	-	-	-	-	-	-	-
Add'l Reserve Fee & Credits - U3 & U4	Budget	75	6	6	6	6	6	6	6	6	6	6	6	6
	Act/F'cast	75	6	6	6	6	6	6	6	6	6	6	6	6
	Var	-	-	-	-	-	-	-	-	-	-	-	-	-
2019 Transportation and Treatment True-Ups	Budget	-	-	-	-	-	-	-	-	-	-	-	-	-
	Act/F'cast	-	-	-	(260)	-	-	-	-	-	-	-	-	-
	Var	-	-	-	(260)	-	-	-	-	-	-	-	-	-
<b>Total Revenue</b>														
	Budget	3,212	241	173	184	91	469	330	391	373	366	94	317	182
	Act/F'cast	3,212	160	328	(92)	72	601	396	414	373	366	94	317	182
	Var	0	(82)	155	(276)	(19)	132	66	23	(0)	0	0	0	(0)

**PVGS Executive Cost Report**  
**Total Outage (O&M)**  
**June 2020**  
**(\$ Millions)**

	<u>Current Month</u>			<u>Year-To-Date</u>			<u>Year-End</u>		
<u>2020 Outages</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
Unit - 2	-	0.04	0.04	34.23	27.68	(6.55)	34.23	28.50	(5.72)
Unit - 1	-	(0.08)	(0.08)	-	0.40	0.40	28.96	28.54	(0.41)
<b>Sub-Total 2020 Outages</b>	<b>-</b>	<b>(0.05)</b>	<b>(0.05)</b>	<b>34.24</b>	<b>28.08</b>	<b>(6.15)</b>	<b>63.19</b>	<b>57.04</b>	<b>(6.13)</b>
 <u>2019 Outage Expenses</u>									
Unit - 3	-	0.11	0.11	-	(1.48)	(1.48)	-	(1.48)	(1.48)
<b>Sub-Total 2019 Outages</b>	<b>-</b>	<b>0.11</b>	<b>0.11</b>	<b>-</b>	<b>(1.48)</b>	<b>(1.48)</b>	<b>-</b>	<b>(1.48)</b>	<b>(1.48)</b>
<b>Total</b>	<b>-</b>	<b>0.06</b>	<b>0.06</b>	<b>34.24</b>	<b>26.60</b>	<b>(7.63)</b>	<b>63.19</b>	<b>55.56</b>	<b>(7.61)</b>

## PVGS Executive Cost Report APS Employees & Overtime Contract Labor Overtime June 2020

		APS			Contract Labor			
		Employees			Overtime %		Overtime %	
	<u>Organization</u>	<u>Budget</u>	<u>Actual</u>	<u>Var</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>
82PP	Nuclear Operations	1,138	1,120	(18)	5%	8%	3%	3%
97PP	Nuclear Engineering	315	315	0	0%	1%	0%	1%
96PP	Emergency Services & Support	434	428	(6)	11%	21%	2%	0%
83PP	Station Support Organizations	62	53	(9)	0%	0%	0%	20%
Total		1,949	1,916	(33)	5%	9%	2%	2%
Year-To-Date Average		1,977	1,950	(27)	9%	9%	13%	15%
Equivalent "Borrowed" Employees								
Current Month		56	55	(1)				
Year-To-Date		56	57	1				

Note: All budgets and actual include O&M, Capital and Fuel values.



# PVGS Executive Cost Report

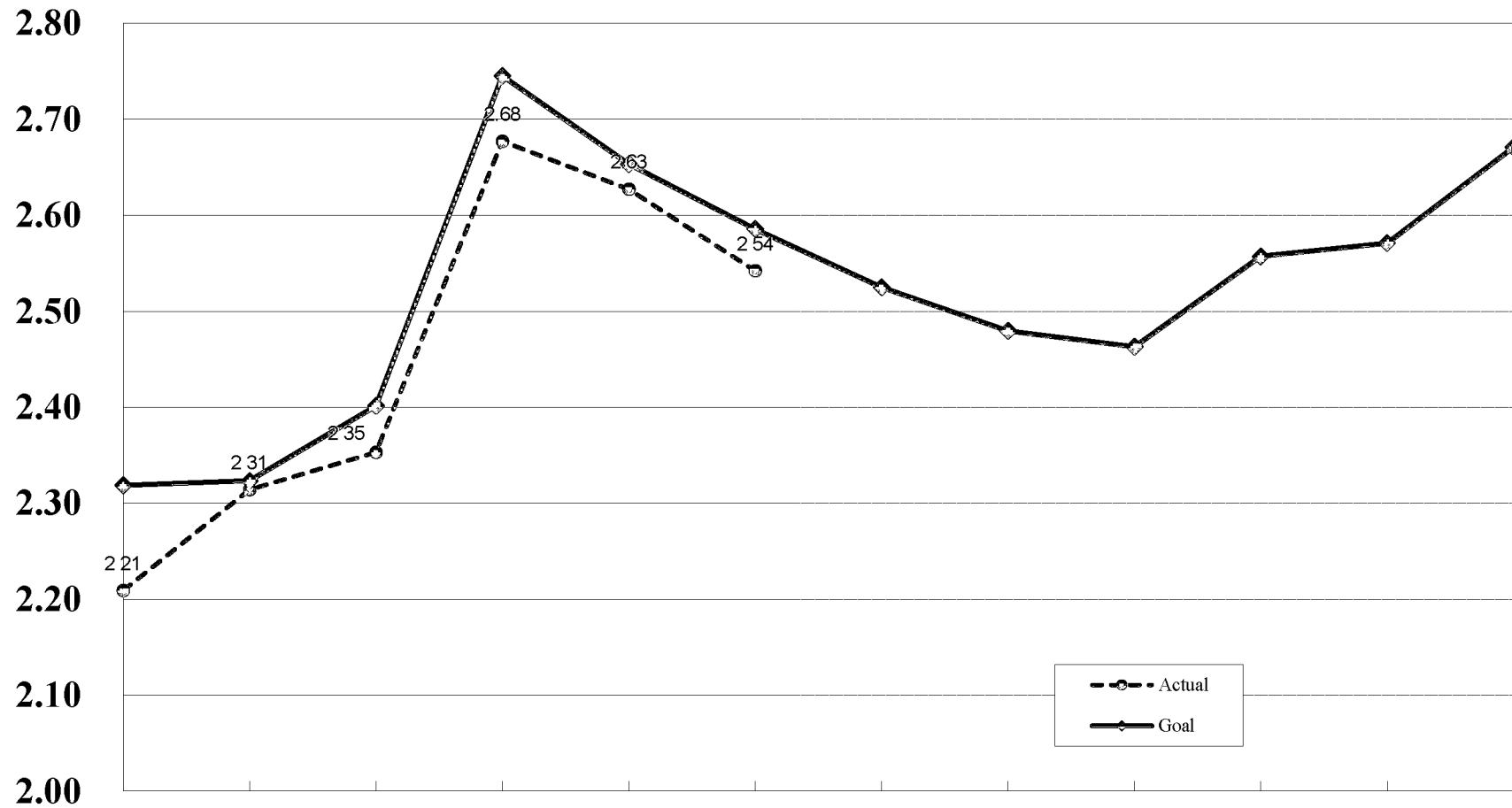
## Contract Labor and Outside Service Report

### June 2020

(\$000)

<u>ORGANIZATION</u>	Non-Outage O&M						Outage O&M					
	Contract Labor			Outside Services			Contract Labor			Outside Services		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
<b>82PP Total Nuc Operations</b>												
Current Month	\$1,347	\$1,234	(\$113)	\$765	\$175	(\$590)	\$0	\$78	\$78	\$0	\$125	\$125
YTD Closed	\$8,180	\$8,653	\$473	\$5,942	\$5,468	(\$474)	\$7,946	\$6,497	(\$1,448)	\$4,808	\$1,867	(\$2,941)
<b>97PP Tot Nuclear Eng &amp; Support</b>												
Current Month	\$182	\$191	\$9	\$762	\$424	(\$338)	\$0	\$4	\$4	\$0	(\$25)	(\$25)
YTD Closed	\$1,067	\$1,085	\$18	\$4,159	\$3,339	(\$820)	\$126	\$82	(\$44)	\$7,651	\$6,352	(\$1,299)
<b>96PP Total Operations Support</b>												
Current Month	\$794	\$699	(\$95)	\$541	\$735	\$194	\$0	(\$1)	(\$1)	\$0	\$50	\$50
YTD Closed	\$4,725	\$5,130	\$404	\$3,631	\$5,013	\$1,382	\$125	\$154	\$28	\$203	\$241	\$38
<b>83PP Total Station Support</b>												
Current Month	\$21	\$312	\$291	\$1,004	\$639	(\$365)	\$0	\$0	\$0	\$0	\$0	\$0
YTD Closed	\$59	\$595	\$536	\$8,136	\$4,328	(\$3,808)	\$0	\$4	\$4	\$500	\$0	(\$500)
<b>Total</b>												
Current Month	\$2,344	\$2,435	\$91	\$3,072	\$1,974	(\$1,098)	\$0	\$81	\$81	\$0	\$150	\$150
YTD Closed	\$14,032	\$15,462	\$1,431	\$21,868	\$18,149	(\$3,719)	\$8,197	\$6,737	(\$1,460)	\$13,162	\$8,461	(\$4,701)

## PVGS Executive Cost Report 2020 YTD Production Costs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goal	2.32	2.32	2.40	2.75	2.65	2.59	2.52	2.48	2.46	2.56	2.57	2.67
Actual	2.21	2.31	2.35	2.68	2.63	2.54						

## PVGS Executive Cost Report

### O&M Cost per Kilowatt Hour

#### June 2020

A.	O&M Costs (\$000):	290,507	
	Amortization/Redhawk Tertiary	(2,064)	
	Incentives	773	
	<b>Net O&amp;M:</b>	<u>289,216</u>	
B.	Net Generation (MWh):		
	Unit 1	5,818,241	
	Unit 2	4,598,418	
	Unit 3	<u>5,467,250</u>	
	<b>Total</b>	<b><u>15,883,909</u></b>	
C.	Net O&M Cost per kWh:	1.821	Cents per KWhr (1 & 3)
D.	Nuclear Fuel Expense:	<u>0.721</u>	Cents per KWhr (2)
E.	Total O&M Cost per kWh (W/Fuel)	<b>2.542</b>	Cents per KWhr (1, 2, & 3)
I.	2019 Actual:	2.67	Cents per KWhr (1, 2, & 3)
II.	2018 Actual Revised:	2.69	Cents per KWhr (1, 2, & 3)
III.	2017 Actual Revised:	2.78	Cents per KWhr (1 & 2)
IV.	2016 Actual Revised:	2.81	Cents per KWhr (1 & 2)
V.	2015 Actual Revised:	2.78	Cents per KWhr (1 & 2)
VI.	2014 Actual Revised:	2.87	Cents per KWhr (1 & 2)
VII.	2013 Actual Revised:	2.93	Cents per KWhr (1 & 2)
VIII.	2012 Actual Revised:	2.92	Cents per KWhr (1 & 2)
IX.	2011 Actual Revised:	2.90	Cents per KWhr (1 & 2)
X.	2010 Actual Revised:	2.83	Cents per KWhr (1 & 2)

**Note: Revision of the Production Cost Calculation**

(1) O&M is calculated as O&M costs including incentives, less amortization

(2) Fuel Expense: YTD = \$114.5 M. The fixed and variable costs related to nuclear spent fuel rod storage are not included in the unit costs.

(3) O&M is calculated to exclude Redhawk Tertiary

# PVGS Executive Cost Report

## FERC Cost Report

### June 2020

(\$ 000)

		Current Month				Year to Date				Total	Remaining
		Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
<b><u>Production Operations</u></b>											
5170000	517 Ops Supv & Eng	5,353	4,030	(1,323)	-25%	38,108	36,140	(1,969)	-5%	75,018	38,878
5190000	519 Coolants and Water	4,304	3,881	(423)	-10%	23,352	22,359	(993)	-4%	50,241	27,882
5200000	520 Steam Expenses	2,622	1,450	(1,172)	-45%	16,841	15,742	(1,099)	-7%	33,114	17,372
5230000	523 Electric Expenses	3,321	3,925	604	18%	20,464	20,044	(420)	-2%	41,238	21,194
5240000	524 Misc Nuc Power Exp	9,169	10,509	1,340	15%	59,679	59,759	80	0%	141,452	81,693
5250000	525 Nuc Power Rents	-	-	-	0%	-	-	-	0%	-	-
<b>Total Production Operations</b>		<b>24,768</b>	<b>23,795</b>	<b>(973)</b>	<b>-4%</b>	<b>158,444</b>	<b>154,044</b>	<b>(4,400)</b>	<b>-3%</b>	<b>341,063</b>	<b>187,020</b>
<b><u>Production Maintenance</u></b>											
5280000	528 Supv & Eng	575	454	(121)	-21%	12,221	10,547	(1,674)	-14%	18,991	8,444
5290000	529 Maint of Structure	661	679	18	3%	3,143	3,421	278	9%	6,129	2,708
5300000	530 Maint of Reactor Plant Equip	3,030	750	(2,280)	-75%	31,400	18,096	(13,304)	-42%	62,498	44,402
5310000	531 Maint of Electric Plant	1,381	2,207	826	60%	12,011	17,654	5,643	47%	22,839	5,185
5320000	532 Maint of Misc Nuc Plant	395	587	192	49%	3,107	4,934	1,827	59%	6,249	1,315
<b>Total Production Maintenance</b>		<b>6,042</b>	<b>4,677</b>	<b>(1,365)</b>	<b>-23%</b>	<b>61,882</b>	<b>54,653</b>	<b>(7,230)</b>	<b>-12%</b>	<b>116,706</b>	<b>62,053</b>
<b><u>Transmission</u></b>											
5560000	556 Sys Cntl/Load Dispatch	602	527	(75)	-12%	3,617	3,249	(368)	-10%	7,229	3,980
<b>Total Transmissions</b>		<b>602</b>	<b>527</b>	<b>(75)</b>	<b>-12%</b>	<b>3,617</b>	<b>3,249</b>	<b>(368)</b>	<b>-10%</b>	<b>7,229</b>	<b>3,980</b>
<b><u>Other</u></b>											
4081001	408 Payroll Taxes	1,386	1,366	(19)	-1%	8,551	7,329	(1,222)	-14%	19,009	11,680
4082001	408 Other Taxes	-	-	-	0%	-	6	6	0%	-	(6)
4261000	426 Donations/Penalties	-	-	-	0%	61	128	67	109%	112	(16)
4264000	426 Civic Political	-	2	2	0%	-	14	14	0%	-	(14)
4265000	426 Other Deductions/Exp	-	-	-	0%	-	179	179	0%	-	(179)
9240000	924 Property Insurance	565	557	(8)	-1%	3,393	(1,985)	(5,378)	-158%	6,786	8,771
9250000	925 Injuries & Damages	321	283	(38)	-12%	1,959	1,728	(231)	-12%	3,971	2,243
9250001	925 Injuries & Damages - Benefits	165	163	(2)	-1%	979	337	(641)	-66%	1,941	1,603
9260001	926 Pensions & Benefits	3,215	3,186	(29)	-1%	19,082	15,200	(3,882)	-20%	37,841	22,640
9280000	928 Reg Commission Exp	1,449	1,568	119	8%	8,810	8,812	2	0%	17,621	8,809
9302000	930 Admin & General Exp	5,345	5,337	(8)	0%	32,983	47,587	14,604	44%	73,321	25,734
<b>Total Other</b>		<b>12,445</b>	<b>12,463</b>	<b>18</b>	<b>0%</b>	<b>75,818</b>	<b>79,335</b>	<b>3,517</b>	<b>5%</b>	<b>160,601</b>	<b>81,266</b>
<b>Total</b>		<b>43,857</b>	<b>41,462</b>	<b>(2,395)</b>	<b>-5%</b>	<b>299,761</b>	<b>291,280</b>	<b>(8,481)</b>	<b>-3%</b>	<b>625,600</b>	<b>334,320</b>

# **PVGS Executive Cost Report**

## **2020 Total (O&M and Capital) Actual Incentives with Loads**

### **June 2020**

\$	30,125	Est.	Total Year End Incentive
	-	Act	Total Unit-3 Outage Incentive (100 day run)
	<b>30,125</b>		<b>Subtotal Estimate Incentives for 2020</b>
<hr/>			
\$	10,242	Est.	Total Loads For Year-End Incentive
	-	Act	Total Unit-3 Outage Incentive (100 day run)
	<b>10,242</b>		<b>Subtotal Estimate Incentive Load for 2020</b>
<hr/>			
\$	336	Est.	2019 EIP True Up
	326	Est.	2019 EIP Incentive Payroll
	111	Est.	2019 EIP Incentive Loads
	<b>773</b>		<b>Subtotal Incentives - Prior Year Adjustments</b>
<hr/>			
\$	<b>41,140</b>		<b>Total (O&amp;M and Capital) Actual Incentives and Loads for 2020</b>

**PVGS Executive Cost Report**  
**Year End Forecast**  
**June 2020**  
(\$ Millions)

	<b>YTD</b>	<b>Actuals</b>						<b>Forecast</b>						<b>Year End</b>
	<b>Actuals</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Variance</b>
<b>O &amp; M</b>	<b>276.87</b>	<b>44.59</b>	<b>42.93</b>	<b>46.88</b>	<b>63.15</b>	<b>38.41</b>	<b>40.90</b>	<b>44.13</b>	<b>45.75</b>	<b>45.79</b>	<b>63.46</b>	<b>50.83</b>	<b>43.15</b>	<b>(12.93)</b>
<b>COVID-19 (Incremental) <sup>(2)</sup></b>	<b>3.63</b>	-	-	<b>0.60</b>	<b>1.91</b>	<b>0.64</b>	<b>0.48</b>	<b>0.08</b>	<b>0.08</b>	<b>0.42</b>	<b>1.31</b>	<b>0.62</b>	-	<b>6.13</b>
<b>COVID-19 (Non-Incremental) <sup>(2)</sup></b>	<b>1.51</b>	-	-	<b>0.05</b>	<b>1.08</b>	<b>0.30</b>	<b>0.08</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>	<b>2.11</b>
<b>Exclusions <sup>(1)</sup></b>	<b>8.50</b>	-	-	-	-	<b>8.50</b>	-	<b>(1.99)</b>	<b>(1.68)</b>	<b>(1.87)</b>	<b>(1.94)</b>	<b>(1.66)</b>	<b>(2.05)</b>	<b>(2.70)</b>
<b>Incentives <sup>(w/ Loads &amp; Adj)</sup></b>	<b>0.77</b>	-	-	<b>0.44</b>	-	<b>0.34</b>	-	-	-	-	-	-	<b>38.93</b>	<b>(3.00)</b>
<b>Sub Total O&amp;M</b>	<b>291.28</b>	<b>44.59</b>	<b>42.93</b>	<b>47.97</b>	<b>66.14</b>	<b>48.19</b>	<b>41.46</b>	<b>42.31</b>	<b>44.24</b>	<b>44.43</b>	<b>62.92</b>	<b>49.90</b>	<b>80.13</b>	<b>(10.40)</b>

	<b>YTD</b>	<b>Actuals</b>						<b>Forecast</b>						<b>Year End</b>
	<b>Actuals</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Variance</b>
<b>Capital</b>	<b>88.69</b>	<b>10.09</b>	<b>12.07</b>	<b>16.46</b>	<b>24.40</b>	<b>10.85</b>	<b>14.83</b>	<b>9.12</b>	<b>17.27</b>	<b>31.44</b>	<b>47.17</b>	<b>26.72</b>	<b>8.35</b>	<b>(1.95)</b>
<b>COVID-19 (Incremental) <sup>(2)</sup></b>	-	-	-	-	-	-	-	-	<b>0.06</b>	<b>0.08</b>	<b>0.08</b>	<b>0.06</b>	-	<b>0.28</b>
<b>COVID-19 (Non-Incremental) <sup>(2)</sup></b>	<b>0.07</b>	-	-	<b>0.02</b>	<b>0.05</b>	-	-	<b>0.10</b>	<b>0.10</b>	<b>0.30</b>	<b>0.50</b>	<b>0.50</b>	<b>0.10</b>	<b>1.67</b>
<b>Exclusions <sup>(1)</sup></b>	<b>(0.22)</b>	-	-	-	-	<b>(0.22)</b>	-	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(0.18)</b>	<b>(1.30)</b>
<b>Incentives <sup>(w/ Loads &amp; Adj)</sup></b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>1.44</b>	<b>(0.86)</b>
<b>Sub Total Capital</b>	<b>88.54</b>	<b>10.09</b>	<b>12.07</b>	<b>16.48</b>	<b>24.45</b>	<b>10.63</b>	<b>14.83</b>	<b>9.04</b>	<b>17.25</b>	<b>31.64</b>	<b>47.57</b>	<b>27.10</b>	<b>9.71</b>	<b>(2.16)</b>

(1) Exclusions include: Mid- Year True-Ups (A&G/PRD, Load Dispatch - Exhibit 1 A&G) and any Mid -Year Rate Changes.  
(2) COVID-19 FERC Account is 5240000 for all costs



**MICHAEL MCLAUGHLIN**  
Vice President  
Site Services

5801 S Wintersburg Rd  
Tonopah, AZ 85354

ID: 517-00004  
Date: August 21, 2020

To: File  
Sta. #  
Ext. #

From: M. McLaughlin  
Sta. # 7605  
Ext. # 82-5761

A handwritten signature in black ink, appearing to read "M. McLaughlin", is written over the printed name in the "From:" field.

Subject: **PVGS July 2020 Executive Cost Report**

Attached is the PVGS Executive Cost Report that reflects information for July 2020 for the O&M (including incentives), Capital (including incentives), and Nuclear Fuel budgets. The report compares actual costs to budget for the month, year-to-date (YTD), and presents the year-end variances as summarized below:

**(Millions of Dollars)**

Category	YTD Budget	YTD Actual	Year - End Variance
O&M	342.86	332.47	(10.40)
Capital	135.18	97.32	(2.16)
Nuclear Fuel	130.91	118.46	(0.39)
Total	608.95	548.25	(12.95)

Please call me if you have any questions or comments.

MM / SB

Attachment

cc:	J. Cadogan	7602	J. McGill	7990
	J. Guldner	9040	T. Mionske	7990
	T. Horton	7602	E. Asturias	7990
	M. Lacal	7605		
	M. McLaughlin	7605		
	B. Rash	7602		

A decorative graphic consisting of several hexagons of different colors (purple, blue, green, grey) arranged in a cluster. Some hexagons contain images: a nuclear power plant, a desert landscape with a saguaro cactus, and a blue sky with white clouds. Other hexagons are solid colors or have a patterned background.

# **Palo Verde Generating Station**

## **Executive Cost Report**

**July 2020**

**Prepared by**  
**Business Operations**



# **Palo Verde Generating Station Executive Cost Report**

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**PVGS Executive Cost Report**  
**All Budgets Recap**  
**July 2020**  
(\$ Millions)

	<u>Current Month</u>			<u>Year-to-Date</u>			<u>Year-End Forecast</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
O & M	43.10	41.18	(1.92)	342.26	331.69	(10.57)	582.90	575.50	(7.40)
Incentives (w/ Loads & Adj)	-	0.01	0.01	0.61	0.78	0.17	42.70	39.70	(3.00)
<b>Sub Total O&amp;M</b>	<b>43.10</b>	<b>41.19</b>	<b>(1.91)</b>	<b>342.86</b>	<b>332.47</b>	<b>(10.39)</b>	<b>625.60</b>	<b>615.20</b>	<b>(10.40)</b>
Capital	12.29	8.71	(3.58)	135.18	97.32	(37.87)	230.70	229.40	(1.30)
Incentives (w/ Loads & Adj)	-	-	-	-	-	-	2.30	1.44	(0.86)
	<b>12.29</b>	<b>8.71</b>	<b>(3.58)</b>	<b>135.18</b>	<b>97.32</b>	<b>(37.87)</b>	<b>233.00</b>	<b>230.84</b>	<b>(2.16)</b>
Nuclear Fuel	5.01	3.17	(1.84)	130.91	118.46	(12.45)	214.69	214.30	(0.39)
<b>Total</b>	<b>60.40</b>	<b>53.07</b>	<b>(7.33)</b>	<b>608.95</b>	<b>548.25</b>	<b>(60.70)</b>	<b>1,073.29</b>	<b>1,060.34</b>	<b>(12.95)</b>
Net Inventory				171.30	189.21	17.91	170.90	200.54	29.64
Revenue	0.39	0.45	0.06	1.88	1.91	0.03	3.21	3.21	0.00

# PVGS Executive Cost Report

## All Budgets Recap

### July 2020

(\$ Millions)

**July 2020 MTD O&M Variance: (\$1.91)**

MTD	Comments
	<u>Budget Timing:</u>
\$0.00	Incentives:
\$0.96	Online: Site Payroll/Overtime Loads (4th Qtr) \$0.80, Station Services (Fees/Dues/Other - 3rd Qtr) \$0.20, HR Relocation \$0.19, Engineering Online Services - Plant and Design (3rd/4th Qtr) (\$0.23)
\$0.06	1R22: Early Material Withdrawal, Labor Charges [Mischarges- September] \$0.06
	<u>Budget Savings:</u>
\$0.00	Incentives:
(\$3.69)	Online: Site Travel (\$0.29), Insurance (ICRP Reimbursement) (\$0.31), Site Emergent Work Fund/Misc (\$0.50), Station Services [Fees/Dues/Other] (\$0.64), 2020 Payroll Load Rate Adjustment (2020 Exclusion) (\$1.95)
(\$0.04)	Outage: 2R22: Spring Outage Material Restocks
	<u>Budget Impacts:</u>
\$0.00	Incentives:
\$0.80	Online: COVID19 Incremental Support \$0.38, Destack/Restack Service Support/Misc \$0.31, Radwaste (Spent Fuel Pool Iron/Concentrates) \$0.11
\$0.00	Outage:
<b>Total</b>	<b><u>(\$1.91)</u></b>

**PVGS Executive Cost Report**  
**All Budgets Recap**  
**July 2020**  
(\$ Millions)

July 2020 YTD O&M Variance: (\$10.39) Under-run

YTD	Comments
	<u>Budget Timing</u>
(\$3 37)	Online SCORE/MLIS Replacement (Amortization for 2020) (\$0 30), HR Relocation (\$0 39), Sandia Labs/Policy Group (Contract Update - September) (\$0 49), Station Services (Fees/Dues/Other - 3rd Qtr) (\$0 50), Site Support (HR, Water Resources, IT, Misc - 3rd Qtr) (\$0 56), Engineering Online Services - Plant and Design (3rd/4th Qtr) (\$1 13)
\$0 46	Outage 1R22 Early Material Withdrawal, Labor Charges (Miscarges-September) \$0 46
	<u>Budget Savings</u>
(\$0 61)	Incentives U3R21 100 Day Run
(\$19 55)	Online Engineering License - ETAP (RUC) (\$0 10), Temporary Employee (Intern) (\$0 10), HR Relocation (\$0 45), SCORE/MLIS Replacement (\$1 21), Site Travel (\$1 39), Site Emergent Work Fund/Site Support Misc (\$1 55), 2020 Payroll Load Rate Adjustment (2020 Exclusion) (\$1 95), Station Services (Fees/Dues/Other) (\$2 00), Insurance (Allocation Adjustment, NEIL/ICRP Reimbursement) (\$5 11), 2019 Payroll Load True Up (2020 Exclusion)(\$5 69)
(\$8 40)	Outage 3R21 Prior Year Outage Support [Final Invoicing/Material Returns] (\$1 77), 2R22 Spring Outage Scope COVID Mitigation/Headcount/Material Request Reduction/Emergent Work Fund (\$6 63)
	<u>Budget Impacts</u>
\$0 78	Incentives 2019 True-Up/EIP Update
\$20 30	Online 2019 A&G Load True Up (2020 Exclusion) \$13 62, COVID19 Incremental Support \$4 02, LPFWH 2R22 Deferral (Online) \$0 61, U3 RCP 1B/U2 FW SNO (APS Overtime, Labor OT, Materials) \$0 58, 2019 Exhibit 1 Load Dispatch True Up (2020 Exclusion) \$0 57, Destack/Restack Service Support \$0 39, Material Average Unit Cost Adjustments \$0 15, Radwaste (Spent Fuel Pool Iron/Concentrates) \$0 11, NAU Degree Program \$0 10, DOE (Insurance) \$0 10, U2 Main Feedwater Loss SNO (APS Overtime) \$0 05
\$0 00	Outage
<b>Total</b>	<b><u>(\$10.39)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### July 2020

(\$ Millions)

**July 2020 MTD Capital Variance: (\$3.58) Under-run**

MTD	Comments
(\$2.02)	<u>Budget Timing:</u> Magnastor Dry Cask Storage [Reimbursement was not budgeted in 2020] (\$1.61), Waste Centrifuge Piers Refurb [Project implementation delayed to Q4] (\$0.30), Piping-PW Pipeline Repl. U3 [Reversal of milestone payment accrual due to delays - Q4] (\$0.27), Clarifiers Life Extension T3 [Project delayed to support other WRF emergent projects - Q4] (\$0.24), Operations Enhancements [Project started delayed to August] (\$0.20), SP Concrete Repl. U3 [Delays associated with COVID19 - Q4] (\$0.20), ESF Transformer Repl. NBNX03 [Xmfr pulled from warehouse sooner than budgeted - Q3] \$0.64, Misc. \$0.16
(\$1.78)	<u>Budget Savings:</u> Construction Power Repl. [This work has been deferred to out years] (\$0.42), Vehicle Repl. 2020 [Reduction in overall vehicle purchases for the year] (\$0.40), Main Transformer New Spare [Tied to overall project savings] (\$0.30), MT/FW Lube Oil Conditioning [Savings tied to project being deferred to out years] (\$0.27), Concrete and Paving 2020 [Project deferred due to station priorities] (\$0.21), 2020 Payroll Load Rate Adjustment (2020 <i>Exclusion</i> ) (\$0.18)
\$0.22	<u>Budget Impacts:</u> SOCA Defensive Strategy Upgrades [Project was not budgeted for 2020, spending tied to engineering] \$0.22
<b>Total</b>	<b><u>(\$3.58)</u></b>

**PVGS Executive Cost Report**  
**All Budgets Recap**  
**July 2020**  
(\$ Millions)

July 2020 YTD Capital Variance: (\$37.87) Under-run

YTD	Comments
	<u>Budget Timing</u>
(\$19.91)	S C O R E Supply Chain Optimization [Originally budgeted \$7.6M payment in March, however, will now be allocated monthly] (\$6.09), RCP Motor Repl 1R22 [Material move to the Emergency Spring 2R22 RCP Motor Repl] (\$4.45), SP Concrete Replacement [Delays associated with COVID19, will catch up by Q4] (\$2.08), LV 22 Blowdown M/U U2 [Project implementation move from Q2 to Q3/Q4] (\$1.15), Normal Chiller Replacement U3 [Implementation delays - Q3] (\$1.03), Waste Centrifuge Piers Refurbishment [Implementation delayed due to WRF project priorities - Q4] (\$1.00), I&C and Electrical 1R22 Outage 2020 [Due to the budgeting of material pull - Q3] (\$0.99), Facilities Upgrades PA/Non PA [Due to scope and WA issuance later than budget - Q3] (\$0.90), EDG Spare Generator [Delays associated with engineering milestone payment - Q3] (\$0.81), OSB - FIN Area [Timing due to shift in scope - Q4] (\$0.65), EDG Protective Relay Repl 2A [Implementation start delayed - Q3] (\$0.64), Misc (\$0.12)
	<u>Budget Savings</u>
(\$25.09)	LPFV Heater Repl 2R22 [Scope was removed from 2R22 due to COVID-19] (\$10.13), Security Access Control Computer Repl [Partial scope deferred to 2021 due to engineering delays] (\$1.89), Clarifiers Life Extension T6 [Project deferred to out years to support other emergent WRF projects] (\$1.32), Construction Power Replacement 2020 [Project deferred to out years] (\$1.22), Vehicle Replacements 2020 [Reduction in overall vehicle purchases for the year] (\$1.11), Piping-Fire Protection Yard South Loop [Scope deferred to 2021] (\$1.10), RCP Motor Repl 1R22 [2020 Milestone payment was executed in 2019] (\$1.05), eWP Advanced Interactive [Delays with Phase I have deferred implementation start to 2021] (\$1.00), WR Well #1 [Project deferred to out years due to delays with permit] (\$1.00), ESF Xmfr NBNX03 [Scope has been removed from 2R22 due to COVID-19] (\$0.99), Main Transformer New Spare [Tied to overall project savings] (\$0.93), Concrete and Paving 2020 [Project deferred due to station priorities] (\$0.89), Security Post Relocations/Upgrades [Project deferred to out years] (\$0.67), I&C and Electrical 2R22 Outage 2020 [Fewer I&C components were replaced in the outage] (\$0.63), Liquid Storage Nitrogen Tank Repl [Project deferred to out years] (\$0.56), 2019 Payroll Load True Up [2020 Exclusion] (\$0.42), 2020 Payroll Load Rate Adjustment [2020 Exclusion] (\$0.18)
	<u>Budget Impacts</u>
\$7.13	2019 A&G Load True Up \$0.20 [2020 Exclusion], RCP Seal Replacement U3 1B [Emergent SNO] \$1.01, 45 Acre Inlet Structure [Emergent project not budgeted for in 2020] \$1.09, Emergent RCP Motor Repl 2R22 [Emergency 2R22 scope] \$4.83
<b>Total</b>	<b><u>(\$37.87)</u></b>

# PVGS Executive Cost Report

## All Budgets Recap

### July 2020

(\$ Millions)

**July 2020 YTD Inventory Variance: \$17.91 Over-run**

YTD	Comments
\$16.16	<u>Budget Timing:</u> Less Receipts (\$14.66); Less Issues \$20.07; Greater Adjustments \$18.00; Less Material Returns (\$11.94); Material Sales/Expense \$4.69
\$0.00	<u>Budget Savings:</u>
\$1.75	<u>Budget Impacts:</u> 2019 Inventory Impacts [Less Issues / More Adjustments Partially offset by Less Receipts / Less Returns (\$4.77); MST / Support Ring Moved from Capital Project to Inventory \$6.52.
<b>Total</b>	<b><u><u>\$17.91</u></u></b>

## PVGS Executive Cost Report Nuclear Fuels

**July 2020**  
(\$ Millions)

YTD	Project	Comments
	<b><u>FIP:</u></b>	
\$2.71	Uranium	Timing - EUP (U3O8 component) delivery budgeted in October moved to February
\$1.40	Conversion	Timing - EUP (Conversion component) delivery budgeted in October moved to February
\$1.38	Enrichment	Timing - EUP (SWU component) delivery budgeted in October moved to February
(\$22.33)	Fabrication	Savings - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with U2C24 and U3C23 milestones moved to 2nd half of 2020
(\$2.74)	Use Tax	Timing - U3C23 Use Tax budgeted for July 2020 moved to January 2021
\$0.44	Labor	Impact - Framatome Fuel implementation project
\$7.44	Outside Services	Impact - Reclass of VQP engineering cost from fabrication to outside svcs, coupled with delay in procurement of Casmo/Simulate
(\$0.21)	Other	Savings - NRC Fees associated with Framatome Fuel implementation project less than budgeted
Subtotal FIP	<b><u>(\$11.91)</u></b>	
	<b><u>DCS:</u></b>	
\$0.12	Labor	Timing - MAGNASTOR implementation project
(\$3.50)	Materials	Timing - MAGNASTOR material milestones
(\$0.23)	Outside Services	Timing - MAGNASTOR engineering services
\$3.07	DOE Settlement	Timing - DOE credit accrual follows dry cask storage expenditures
Subtotal DCS	<b><u>(\$0.54)</u></b>	
Total	<b><u><u>(\$12.45)</u></u></b>	



**PVGS Executive Cost Report  
O&M Power Block Report  
July 2020  
(\$000)**

	Current Month				Year-to-Date				Total	Remaining
	Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
UNIT - 1	12,123	11,615	(508)	-4%	87,260	85,806	(1,453)	-2%	188,140	102,333
UNIT - 2	11,892	10,831	(1,061)	-9%	120,829	115,370	(5,460)	-5%	192,593	77,223
UNIT - 3	11,741	11,115	(626)	-5%	86,160	81,124	(5,036)	-6%	157,116	75,992
COMMON	1,072	1,426	355	33%	7,598	10,817	3,219	42%	14,134	3,317
PVUNALL	(0)	0	0	0%	(0)	0	0	0%	(0)	(0)
WRF	6,273	6,213	(60)	-1%	41,015	39,206	(1,810)	-4%	73,617	34,412
GENERAL	0	(10)	(10)	0%	(0)	148	148	0%	(0)	(148)
<b>TOTAL PV</b>	<b>43,101</b>	<b>41,190</b>	<b>(1,911)</b>	<b>-4%</b>	<b>342,862</b>	<b>332,470</b>	<b>(10,392)</b>	<b>-3%</b>	<b>625,600</b>	<b>293,129</b>
PAYROLL	18,957	19,620	663	3%	141,115	141,804	689	0%	271,559	129,755
CONTRACT LABOR	2,369	2,836	468	20%	24,597	25,036	438	2%	44,158	19,122
MATL / SUPPLIES	4,731	5,250	519	11%	36,826	35,583	(1,243)	-3%	63,834	28,251
OUTSIDE SERVICES	2,889	2,359	(531)	-18%	37,920	28,969	(8,951)	-24%	58,557	29,588
OTHER	14,155	11,125	(3,030)	-21%	102,404	101,079	(1,325)	-1%	187,492	86,413
<b>TOTAL PV</b>	<b>43,101</b>	<b>41,190</b>	<b>(1,911)</b>	<b>-4%</b>	<b>342,862</b>	<b>332,470</b>	<b>(10,392)</b>	<b>-3%</b>	<b>625,600</b>	<b>293,129</b>

# PVGS Executive Cost Report

## Capital Improvements Variance Summary

### July 2020

### (\$000)

<----- Current Month ----->					<----- Year-to-Date ----->				Annual Budget
<u>Budget Category</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Percent</u>	
1 Plant Modifications	2,266	2,751	485	21%	27,426	25,462	(1,964)	-7%	46,395
2 Equipment & Replacements	3,597	2,201	(1,396)	-39%	47,978	32,182	(15,796)	-33%	94,740
3 Buildings	1,139	404	(735)	-65%	6,913	1,749	(5,164)	-75%	8,995
4 General Plant	1,195	251	(944)	-79%	4,920	2,441	(2,479)	-50%	8,059
5 Computers	1,049	869	(180)	-17%	14,639	5,112	(9,527)	-65%	18,406
6 Water Rec Facility	1,618	1,096	(522)	-32%	23,127	21,822	(1,305)	-6%	35,162
7 Overheads	1,426	1,139	(287)	-20%	9,681	8,551	(1,130)	-12%	18,677
8 Emergent Work Fund	0	0	0	0%	500	0	(500)	-100%	2,566
9 Fukushima	0	0	0	0%	0	0	0	0%	0
11 Capitalized Incentives	0	0	0	0%	0	0	0	0%	0
Totals	12,290	8,711	(3,578)	-29%	135,185	97,319	(37,865)	-28%	233,000

## PVGS Executive Cost Report Nuclear Fuel Report

July 2020  
(\$000)

	Current Month			Year-To-Date			Year-End		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Forecast</u>	<u>Variance</u>
<b>Fuel In Process</b>	4,962	4,573	(389)	129,382	117,477	(11,905)	214,999	213,729	(1,270)
<b>Fuel In Stock</b>	-	-	-	-	-	-	-	-	-
<b>Spent Fuel Disposal</b>	-	-	-	-	-	-	-	-	-
<b>Dry Cask Storage</b>	46	(1,407)	(1,453)	1,523	984	(539)	(309)	568	877
<b>TOTAL NUCLEAR FUEL</b>	<b>5,008</b>	<b>3,166</b>	<b>(1,842)</b>	<b>130,905</b>	<b>118,461</b>	<b>(12,444)</b>	<b>214,690</b>	<b>214,297</b>	<b>(393)</b>

## PVGS Executive Cost Report

### Inventory Balance Sheet

#### July 2020

**June 2020 Ending Inventory Balance less Amortization**

**\$188,484,115**

**Increases:**

Receipts	\$3,499,478
Returns	\$2,333,121
Inventory Adjustments	(\$51,275)
Intercompany Balance	\$0
Accounting Adjustments	\$30,002
Misc JVs (Repair Accrual)	\$0
Misc JV (SOX Accrual)	\$0
Subtotal	<u>\$5,811,326</u>

**Decreases:**

Issues	(\$5,010,637)
--------	---------------

Net Change **\$800,689**

**Amortization Transactions:**

Monthly Amortization Cost	(\$200,000)
Write Offs & Sales	\$121,027
	<u>(\$78,973)</u>

**July 2020 Ending Inventory Balance less Amortization**

**\$189,205,830**

**Notes:**

- Sales to outside utilities for the month was \$15,064 that was written off at original cost.
- The above sales were invoiced for a total of \$18,828 (net 30 days)
- Current month revenue received for sales to outside utilities totaled (\$3,765)
- To Date Amortization Balance = (\$37,576,385)
- Capitalized Spare Account Balance Original Cost = \$32,538,003

**PVGS Executive Cost Report**  
**Major Inventory Transactions (Over \$25K)**  
**July 2020**

**INVENTORY**

		<u>Qty</u>	<u>\$ Value</u>			<u>Qty</u>	<u>\$ Value</u>
<b>Issue:</b>	PUMP, LOW TDS	1	\$64,416	<b>Received:</b>	TRANSFORMER, ESF	1	\$560,460
	PUMP, SUMP, HI-TDS	1	\$71,890		SEVERE SERVICE KIT 14"	1	\$34,622
	DISPERSANT - TOTE	1	\$46,676		PUMP, LOW TDS	1	\$59,700
	MOTOR 500 HP 45 ACRE	1	\$87,445		PUMP, SUMP, HI-TDS	2	\$143,781
	LITHIUM HYDROXIDE	1	\$38,676		VALVE BFLY 24"	1	\$109,250
	TRANSFORMER, ESF	1	\$593,985		DISPERSANT - TOTE	1	\$43,259
	BREAKER CIRCUIT VACUUM	1	\$311,375		MOTOR 500 HP 45 ACRE	1	\$87,445
	OXYGEN ANALYZER	1	\$38,926		PREAMP/FILTER ASM	1	\$77,487
	VALVE, SWING CHECK, 3IN	1	\$36,708		PUMP, LOW TDS	1	\$59,700
	CKT BRK,600A,250-600AMP	1	\$31,093		VALVE, 77L-001BB-1	5	\$155,669
	VALVE ASSEMBLY, FPT HPCV	1	\$83,005		LITHIUM HYDROXIDE	1	\$36,625
	VALVE ASSY, CIV (INT)	1	\$959,054		PUMP, SUMP, HI-TDS	2	\$143,781
	VALVE ASSY, CIV (STOP)	1	\$286,016		SEVERE SERVICE KIT 14"	1	\$34,622
	VALVE GEAR ASSY, LPCV	1	\$89,005		VALVE, 77L-001BB-1	4	\$124,535
	VALVE, SWING CHECK, 3IN	1	\$36,708		VALVE, 77L-001BB-1	2	\$64,120
	VALVE, SWING CHECK, 3IN	3	\$110,125		VALVE, 77L-001BB-1	2	\$62,267
<b>Restock:</b>	MOTOR 500 HP 45 ACRE	1	\$184,000		MOTOR,5000HP,190FR,400RPM	1	\$112,341
	VALVE ASSY, CIV (INT)	1	\$37,400				
	VALVE ASSY, CIV (STOP)	1	\$48,470				
	PUMP, SUMP, HI-TDS	1	\$25,303				
	PUMP ASSEMBLY, EHC	1	\$25,303				
	VALVE ASSEMBLY, FPT HPCV	1	\$25,303				
	VALVE GEAR ASSY, LPCV	1	\$94,957				
	VALVE, 77L-001BB-1	2	\$156,256				
	GEARBOX, ASSEMBLY	1	\$66,885				
	GEARBOX, ASSEMBLY	1	\$40,000				
	OXYGEN ANALYZER	1	\$78,128				

## Revenue, Budget, Actuals, Forecast Variance By Month July 2020

Description		Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b><u>Quantity (acre-feet):</u></b>														
T&T Units 1 & 2	Budget	3,674	274	193	206	94	547	382	454	433	424	98	365	204
	Act/F'cast	4,025	176	379	186	71	706	460	522	433	424	98	365	204
	Var	351	(98)	186	(20)	(23)	159	78	68	-	-	-	-	-
<b><u>Unit Rate (\$/acre-foot):</u></b>														
Transportation & Treatment		\$843												
<b><u>Revenue (\$ 000):</u></b>														
T&T Units 1 & 2	Budget	3,099	231	163	174	79	461	322	383	365	358	83	308	172
	Act/F'cast	3,396	149	320	157	60	596	388	440	365	358	83	308	172
	Var	297	(82)	157	(17)	(19)	135	66	57	(14)	(20)	-	-	-
Adjustments*	Act/F'cast	(34)	-	-	-	-	-	-	-	(14)	(20)	-	-	-
	Var	263	(82)	157	(17)	(19)	135	66	57	(14)	(20)	-	-	-
Initial Reserve Fee & Credits - U1 & U2	Budget	38	4	4	4	5	1	2	2	2	2	5	3	4
	Act/F'cast	35	4	1	4	5	1	2	2	2	2	5	3	4
	Var	(3)	-	(3)	-	-	-	-	-	-	-	-	-	-
Add'l Reserve Fee & Credits - U3 & U4	Budget	75	6	6	6	6	6	6	6	6	6	6	6	6
	Act/F'cast	75	6	6	6	6	6	6	6	6	6	6	6	6
	Var	-	-	-	-	-	-	-	-	-	-	-	-	-
2019 Transportation and Treatment True-Ups	Budget	-	-	-	-	-	-	-	-	-	-	-	-	-
	Act/F'cast	-	-	-	(260)	-	-	-	-	-	-	-	-	-
	Var	-	-	-	(260)	-	-	-	-	-	-	-	-	-
<b>Total Revenue</b>														
	Budget	3,212	241	173	184	91	469	330	391	373	366	94	317	182
	Act/F'cast	3,212	160	328	(92)	72	601	396	448	359	346	94	317	182
	Var	0	(82)	155	(276)	(19)	132	66	57	(14)	(20)	0	0	(0)

**PVGS Executive Cost Report**  
**Total Outage (O&M)**  
**July 2020**  
**(\$ Millions)**

	<u>Current Month</u>			<u>Year-To-Date</u>			<u>Year-End</u>		
<u>2020 Outages</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
Unit - 2	-	(0.08)	(0.08)	34.23	27.59	(6.63)	34.23	27.59	(6.63)
Unit - 1	-	0.21	0.06	-	0.61	0.46	28.96	28.50	(0.45)
<b>Sub-Total 2020 Outages</b>	<b>-</b>	<b>0.13</b>	<b>(0.02)</b>	<b>34.23</b>	<b>28.21</b>	<b>(6.17)</b>	<b>63.19</b>	<b>56.09</b>	<b>(7.08)</b>
 <u>2019 Outage Expenses</u>									
Unit - 3	-	0.05	0.05	-	(1.42)	(1.42)	-	(1.42)	(1.42)
<b>Sub-Total 2019 Outages</b>	<b>-</b>	<b>0.05</b>	<b>0.05</b>	<b>-</b>	<b>(1.42)</b>	<b>(1.42)</b>	<b>-</b>	<b>(1.42)</b>	<b>(1.42)</b>
<b>Total</b>	<b>-</b>	<b>0.18</b>	<b>0.03</b>	<b>34.23</b>	<b>26.79</b>	<b>(7.59)</b>	<b>63.19</b>	<b>54.67</b>	<b>(8.50)</b>

## PVGS Executive Cost Report APS Employees & Overtime Contract Labor Overtime July 2020

		APS			Contract Labor			
		Employees			Overtime %		Overtime %	
	<u>Organization</u>	<u>Budget</u>	<u>Actual</u>	<u>Var</u>	<u>Budget</u>	<u>Actual</u>	<u>Budget</u>	<u>Actual</u>
82PP	Nuclear Operations	1,104	1,096	(8)	5%	8%	3%	1%
97PP	Nuclear Engineering	310	306	(4)	0%	1%	0%	0%
96PP	Emergency Services & Support	463	451	(12)	14%	18%	2%	0%
83PP	Station Support Organizations	64	54	(10)	0%	0%	0%	11%
Total		1,941	1,907	(34)	6%	9%	2%	1%
Year-To-Date Average		1,972	1,942	(30)	9%	9%	12%	13%
Equivalent "Borrowed" Employees								
Current Month		56	56	0				
Year-To-Date		56	57	1				

Note All budgets and actual include O&M, Capital and Fuel values



# PVGS Executive Cost Report

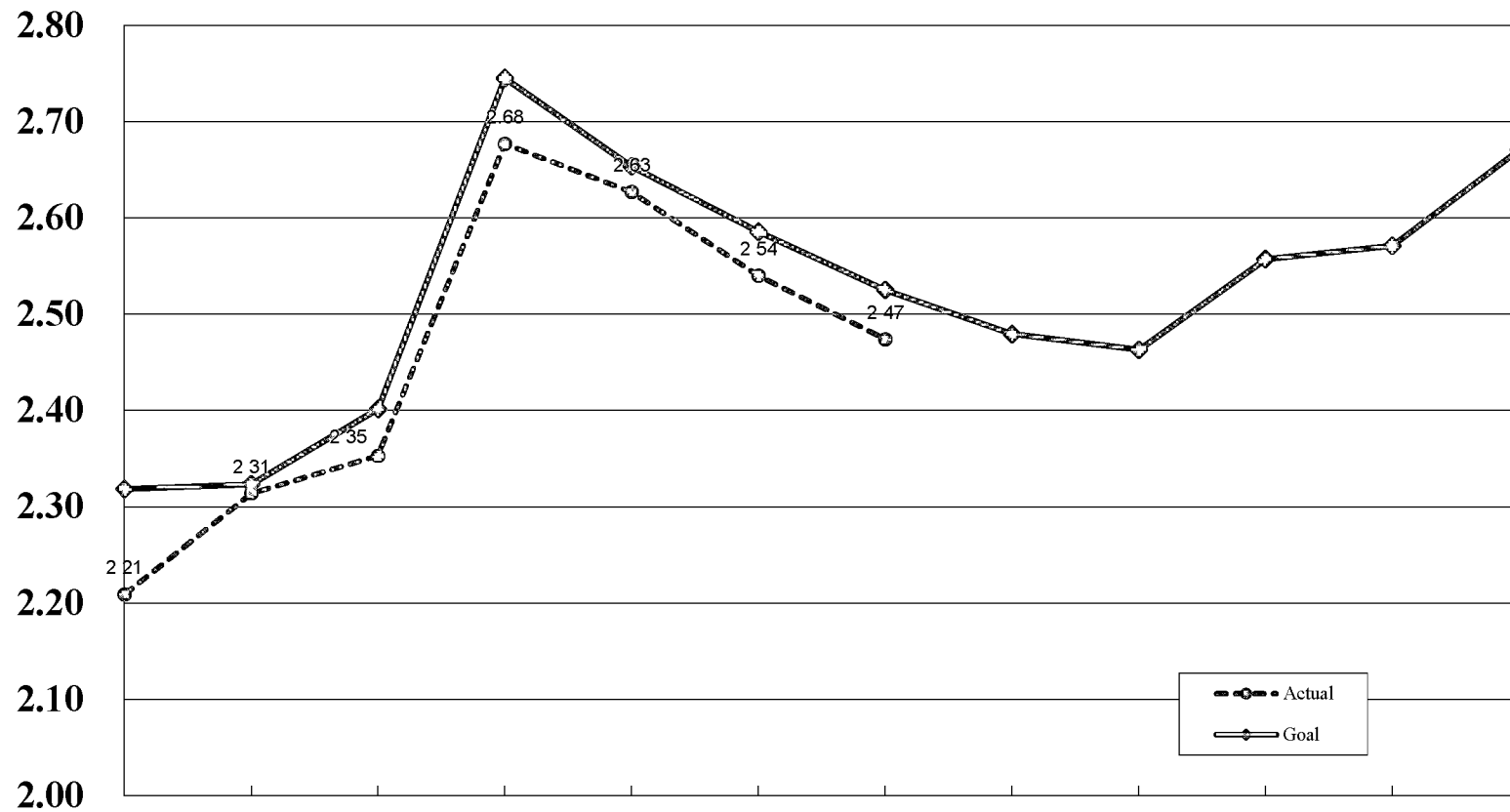
## Contract Labor and Outside Service Report

### July 2020

### (\$000)

ORGANIZATION	Non-Outage O&M						Outage O&M					
	Contract Labor			Outside Services			Contract Labor			Outside Services		
	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance</u>
<b>82PP Total Nuc Operations</b>												
Current Month	\$1,343	\$1,427	\$84	\$1,012	\$693	(\$319)	\$0	\$42	\$42	\$0	\$11	\$11
YTD Closed	\$9,523	\$10,044	\$520	\$6,955	\$6,143	(\$811)	\$7,946	\$6,535	(\$1,410)	\$4,808	\$1,878	(\$2,930)
<b>97PP Tot Nuclear Eng &amp; Support</b>												
Current Month	\$190	\$177	(\$13)	\$523	\$536	\$13	\$0	\$1	\$1	\$0	(\$0)	(\$0)
YTD Closed	\$1,257	\$1,262	\$5	\$4,682	\$3,875	(\$807)	\$126	\$83	(\$43)	\$7,651	\$6,352	(\$1,299)
<b>96PP Total Operations Support</b>												
Current Month	\$827	\$901	\$74	\$550	\$536	(\$14)	\$0	\$0	\$0	\$0	\$0	\$0
YTD Closed	\$5,552	\$6,067	\$516	\$4,181	\$5,568	\$1,387	\$125	\$157	\$31	\$203	\$241	\$38
<b>83PP Total Station Support</b>												
Current Month	\$9	\$288	\$279	\$804	\$584	(\$220)	\$0	\$0	\$0	\$0	\$0	\$0
YTD Closed	\$68	\$883	\$815	\$8,940	\$4,912	(\$4,028)	\$0	\$4	\$4	\$500	\$0	(\$500)
<b>Total</b>												
Current Month	\$2,369	\$2,794	\$425	\$2,889	\$2,348	(\$541)	\$0	\$43	\$43	\$0	\$11	\$11
YTD Closed	\$16,400	\$18,256	\$1,856	\$24,758	\$20,497	(\$4,260)	\$8,197	\$6,779	(\$1,418)	\$13,162	\$8,472	(\$4,690)

## PVGS Executive Cost Report 2020 YTD Production Costs



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goal	2.32	2.32	2.40	2.75	2.65	2.59	2.52	2.48	2.46	2.56	2.57	2.67
Actual	2.21	2.31	2.35	2.68	2.63	2.54	2.47					

## PVGS Executive Cost Report

### O&M Cost per Kilowatt Hour

#### July 2020

A.	O&M Costs (\$000):	331,412	
	Amortization/Redhawk Tertiary	(2,408)	
	Incentives	<u>786</u>	
	<b>Net O&amp;M:</b>	<b>329,790</b>	
B.	Net Generation (MWh):		
	Unit 1	6,795,693	
	Unit 2	5,579,333	
	Unit 3	<u>6,437,951</u>	
	<b>Total</b>	<b><u>18,812,977</u></b>	
C.	Net O&M Cost per kWh:	1.753	Cents per KWhr (1 & 3)
D.	Nuclear Fuel Expense:	<u>0.721</u>	Cents per KWhr (2)
E.	Total O&M Cost per kWh (W/Fuel)	<b>2.474</b>	Cents per KWhr (1, 2, & 3)
I.	2019 Actual:	2.67	Cents per KWhr (1, 2, & 3)
II.	2018 Actual Revised:	2.69	Cents per KWhr (1, 2, & 3)
III.	2017 Actual Revised:	2.78	Cents per KWhr (1 & 2)
IV.	2016 Actual Revised:	2.81	Cents per KWhr (1 & 2)
V.	2015 Actual Revised:	2.78	Cents per KWhr (1 & 2)
VI.	2014 Actual Revised:	2.87	Cents per KWhr (1 & 2)
VII.	2013 Actual Revised:	2.93	Cents per KWhr (1 & 2)
VIII.	2012 Actual Revised:	2.92	Cents per KWhr (1 & 2)
IX.	2011 Actual Revised:	2.90	Cents per KWhr (1 & 2)
X.	2010 Actual Revised:	2.83	Cents per KWhr (1 & 2)

**Note: Revision of the Production Cost Calculation**

- (1) O&M is calculated as O&M costs including incentives, less amortization
- (2) Fuel Expense YTD = \$135.6 M. The fixed and variable costs related to nuclear spent fuel rod storage are not included in the unit costs
- (3) O&M is calculated to exclude Redhawk Tertiary

**PVGS Executive Cost Report**  
**FERC Cost Report**  
**July 2020**  
**(\$ 000)**

		Current Month				Year to Date				Total	Remaining
		Budget	Actual	Variance	% Var	Budget	Actual	Variance	% Var	Budget	Budget
<b><u>Production Operations</u></b>											
5170000	517 Ops Supv & Eng	6,374	6,821	447	7%	44,483	42,961	(1,522)	-3%	75,018	32,057
5190000	519 Coolants and Water	4,358	4,598	240	6%	27,709	26,957	(753)	-3%	50,241	23,284
5200000	520 Steam Expenses	2,047	2,270	223	11%	18,889	18,012	(876)	-5%	33,114	15,102
5230000	523 Electric Expenses	3,719	3,029	(690)	-19%	24,182	23,072	(1,110)	-5%	41,238	18,165
5240000	524 Misc Nuc Power Exp	9,338	7,812	(1,526)	-16%	69,017	67,571	(1,446)	-2%	141,452	73,881
5250000	525 Nuc Power Rents	-	-	-	0%	-	-	-	0%	-	-
<b>Total Production Operations</b>		<b>25,836</b>	<b>24,529</b>	<b>(1,307)</b>	<b>-5%</b>	<b>184,280</b>	<b>178,573</b>	<b>(5,707)</b>	<b>-3%</b>	<b>341,063</b>	<b>162,490</b>
<b><u>Production Maintenance</u></b>											
5280000	528 Supv & Eng	649	342	(307)	-47%	12,871	10,890	(1,981)	-15%	18,991	8,101
5290000	529 Maint of Structure	(259)	451	710	-274%	2,884	3,872	988	34%	6,129	2,256
5300000	530 Maint of Reactor Plant Equip	2,234	3,194	960	43%	33,633	21,290	(12,344)	-37%	62,498	41,208
5310000	531 Maint of Electric Plant	1,236	2,405	1,169	95%	13,248	20,059	6,811	51%	22,839	2,780
5320000	532 Maint of Misc Nuc Plant	367	920	553	151%	3,474	5,854	2,381	69%	6,249	395
<b>Total Production Maintenance</b>		<b>4,227</b>	<b>7,312</b>	<b>3,086</b>	<b>73%</b>	<b>66,109</b>	<b>61,965</b>	<b>(4,144)</b>	<b>-6%</b>	<b>116,706</b>	<b>54,741</b>
<b><u>Transmission</u></b>											
5560000	556 Sys Cntl/Load Dispatch	602	290	(312)	-52%	4,219	3,539	(680)	-16%	7,229	3,690
<b>Total Transmissions</b>		<b>602</b>	<b>290</b>	<b>(312)</b>	<b>-52%</b>	<b>4,219</b>	<b>3,539</b>	<b>(680)</b>	<b>-16%</b>	<b>7,229</b>	<b>3,690</b>
<b><u>Other</u></b>											
4081001	408 Payroll Taxes	1,327	1,373	46	3%	9,878	8,703	(1,175)	-12%	19,009	10,307
4082001	408 Other Taxes	-	-	-	0%	-	6	6	0%	-	(6)
4261000	426 Donations/Penalties	-	18	18	0%	61	146	85	139%	112	(34)
4264000	426 Civic Political	-	2	2	0%	-	16	16	0%	-	(16)
4265000	426 Other Deductions/Exp	-	15	15	0%	-	194	194	0%	-	(194)
9240000	924 Property Insurance	566	559	(7)	-1%	3,959	(1,426)	(5,385)	-136%	6,786	8,212
9250000	925 Injuries & Damages	500	(702)	(1,202)	-240%	2,459	1,026	(1,433)	-58%	3,971	2,945
9250001	925 Injuries & Damages - Benefits	169	172	3	2%	1,148	509	(639)	-56%	1,941	1,431
9260001	926 Pensions & Benefits	3,301	1,345	(1,955)	-59%	22,383	16,545	(5,838)	-26%	37,841	21,295
9280000	928 Reg Commission Exp	1,455	900	(555)	-38%	10,265	9,712	(553)	-5%	17,621	7,909
9302000	930 Admin & General Exp	5,118	5,375	257	5%	38,101	52,962	14,861	39%	73,321	20,359
<b>Total Other</b>		<b>12,436</b>	<b>9,058</b>	<b>(3,378)</b>	<b>-27%</b>	<b>88,254</b>	<b>88,393</b>	<b>139</b>	<b>0%</b>	<b>160,601</b>	<b>72,208</b>
<b>Total</b>		<b>43,101</b>	<b>41,190</b>	<b>(1,911)</b>	<b>-4%</b>	<b>342,862</b>	<b>332,470</b>	<b>(10,392)</b>	<b>-3%</b>	<b>625,600</b>	<b>293,129</b>

# **PVGS Executive Cost Report** **2020 Total (O&M and Capital) Actual Incentives with Loads** **July 2020**

\$	30,125	Est.
	-	Act
<hr/>		
	<b>30,125</b>	
<hr/>		

Total Year End Incentive  
Total Unit-3 Outage Incentive (100 day run)  
**Subtotal Estimate Incentives for 2020**

\$	10,242	Est.
	-	Act
<hr/>		
	<b>10,242</b>	
<hr/>		

Total Loads For Year-End Incentive  
Total Unit-3 Outage Incentive (100 day run)  
**Subtotal Estimate Incentive Load for 2020**

\$	336	Est.
	326	Est.
	111	Est.
<hr/>		
	<b>773</b>	
<hr/>		

2019 EIP True Up  
2019 EIP Incentive Payroll  
2019 EIP Incentive Loads  
**Subtotal Incentives - Prior Year Adjustments**

<b>\$</b>	<b>41,140</b>	
<hr/>		

**Total (O&M and Capital) Actual Incentives and Loads for 2020**

**PVGS Executive Cost Report**  
**Year End Forecast**  
**July 2020**  
(\$ Millions)

	YTD	Actuals							Forecast					Year End
	Actuals	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Variance
O & M	318.99	44.59	42.93	46.88	63.14	38.41	40.90	42.13	44.53	46.54	63.80	50.63	44.04	(14.38)
COVID-19 (Incremental) <sup>(2)</sup>	4.02	-	-	0.60	1.75	0.59	0.41	0.67	0.18	0.52	1.41	0.72	0.10	6.94
COVID-19 (Non-Incremental) <sup>(2)</sup>	2.13	-	-	0.05	1.25	0.35	0.15	0.33	0.12	0.12	0.12	0.12	0.12	2.71
Exclusions <sup>(1)</sup>	6.55	-	-	-	-	8.50	-	(1.95)	(1.69)	(1.88)	(1.94)	(1.67)	(2.05)	(2.68)
Incentives <sup>(w/ Loads &amp; Adj)</sup>	0.78	-	-	0.44	-	0.34	-	0.01	-	-	-	-	38.92	(3.00)
Sub Total O&M	332.47	44.59	42.93	47.97	66.14	48.19	41.46	41.19	43.13	45.29	63.38	49.80	81.13	(10.40)
	YTD	Actuals							Forecast					Year End
	Actuals	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Variance
Capital	97.58	10.09	12.07	16.46	24.40	10.85	14.83	8.89	12.35	36.75	46.90	25.96	9.20	(1.95)
COVID-19 (Incremental) <sup>(2)</sup>	0.07	-	-	0.02	0.05	-	-	-	0.26	0.38	0.58	0.56	0.10	1.95
COVID-19 (Non-Incremental) <sup>(2)</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exclusions <sup>(1)</sup>	(0.40)	-	-	-	-	(0.22)	-	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(1.30)
Incentives <sup>(w/ Loads &amp; Adj)</sup>	-	-	-	-	-	-	-	-	-	-	-	-	1.44	(0.86)
Sub Total Capital	97.25	10.09	12.07	16.48	24.45	10.63	14.83	8.71	12.43	36.95	47.30	26.34	10.56	(2.16)

(1) Exclusions include Mid-Year True-Ups (A&G/PRD, Load Dispatch - Exhibit 1 A&G) and any Mid-Year Rate Changes  
(2) COVID-19 FERC Account is 5240000 for all costs



**MICHAEL MCLAUGHLIN**  
Vice President  
Site Services

5801 S Wintersburg Rd  
Tonopah, AZ 85354

ID: 517-00005  
Date: September 17, 2020

To: File  
Sta. #  
Ext. #

From: M. McLaughlin  
Sta. # 7605  
Ext. # 82-5761

A handwritten signature in black ink, appearing to read "M. McLaughlin", is written over the printed name in the "From:" field.

Subject: **PVGS August 2020 Executive Cost Report**

Attached is the PVGS Executive Cost Report that reflects information for August 2020 for the O&M (including incentives), Capital (including incentives), and Nuclear Fuel budgets. The report compares actual costs to budget for the month, year-to-date (YTD), and presents the year-end variances as summarized below:

**(Millions of Dollars)**

Category	YTD	YTD	Year -
	Budget	Actual	End
O&M	385.74	371.93	Variance
Capital	148.71	108.30	(11.30)
Nuclear Fuel	134.43	121.35	(2.16)
Total	668.88	601.58	(0.31)
			(13.77)

Please call me if you have any questions or comments.

MM / SB

Attachment

cc:	J. Cadogan	7602	J. McGill	7990
	J. Guldner	9040	T. Mionske	7990
	T. Horton	7605	E. Asturias	7990
	M. Lacal	7605		
	M. McLaughlin	7605		
	B. Rash	7602		

A decorative graphic consisting of several overlapping hexagons. The hexagons contain various images: a nuclear power plant, a blue sky with white clouds, a saguaro cactus in a desert landscape, and solid colors like purple, green, and grey. The hexagons are arranged in a cluster, with some overlapping others.

# **Palo Verde Generating Station Executive Cost Report**

**August 2020**

**Prepared by  
Business Operations**



# Palo Verde Generating Station Executive Cost Report

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**PVGS Executive Cost Report**  
**All Budgets Recap**  
**August 2020**  
(\$ Millions)

	<u>Current Month</u>			<u>Year-to-Date</u>			<u>Year-End Forecast</u>		
	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Actual</u>	<u>Var.</u>	<u>Budget</u>	<u>Forecast</u>	<u>Var.</u>
<b>O &amp; M</b>	<b>42.88</b>	<b>39.46</b>	<b>(3.42)</b>	<b>385.14</b>	<b>371.15</b>	<b>(13.99)</b>	<b>582.90</b>	<b>574.60</b>	<b>(8.30)</b>
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	0.61	0.78	0.17	42.70	39.70	(3.00)
<b>Sub Total O&amp;M</b>	<b>42.88</b>	<b>39.46</b>	<b>(3.42)</b>	<b>385.74</b>	<b>371.93</b>	<b>(13.81)</b>	<b>625.60</b>	<b>614.30</b>	<b>(11.30)</b>
<b>Capital</b>	<b>13.53</b>	<b>10.98</b>	<b>(2.55)</b>	<b>148.71</b>	<b>108.30</b>	<b>(40.42)</b>	<b>230.70</b>	<b>229.40</b>	<b>(1.30)</b>
<b>Incentives</b> (w/ Loads & Adj)	-	-	-	-	-	-	2.30	1.44	(0.86)
	<b>13.53</b>	<b>10.98</b>	<b>(2.55)</b>	<b>148.71</b>	<b>108.30</b>	<b>(40.42)</b>	<b>233.00</b>	<b>230.84</b>	<b>(2.16)</b>
<b>Nuclear Fuel</b>	<b>3.52</b>	<b>2.89</b>	<b>(0.63)</b>	<b>134.43</b>	<b>121.35</b>	<b>(13.08)</b>	<b>214.69</b>	<b>214.38</b>	<b>(0.31)</b>
<b>Total</b>	<b>59.93</b>	<b>53.33</b>	<b>(6.60)</b>	<b>668.88</b>	<b>601.58</b>	<b>(67.31)</b>	<b>1,073.29</b>	<b>1,059.52</b>	<b>(13.77)</b>
<b>Net Inventory</b>				<b>169.80</b>	<b>188.70</b>	<b>18.90</b>	<b>170.90</b>	<b>200.54</b>	<b>29.64</b>
<b>Revenue</b>	<b>0.37</b>	<b>0.46</b>	<b>0.08</b>	<b>2.25</b>	<b>2.37</b>	<b>0.12</b>	<b>3.21</b>	<b>3.21</b>	<b>0.00</b>

# PVGS Executive Cost Report

## All Budgets Recap

### August 2020

(\$ Millions)

**August 2020 MTD O&M Variance: (\$3.42)**

MTD	Comments
	<u>Budget Timing:</u>
\$0.00	Incentives:
(\$0.80)	Online: Station Services/Misc [Fees/Dues/Other - 3rd Qtr] (\$0.24), Sandia Labs/Policy Group [Contract Update - September] (\$0.27), Site Support [HR, Water Resources, IT, Misc - 3rd Qtr] (\$0.29)
(\$0.36)	1R22: Material Withdrawal [September] (\$0.36)
	<u>Budget Savings:</u>
\$0.00	Incentives:
(\$2.78)	Online: Site Travel (\$0.26), Station Services [Fees/Dues/Other] (\$0.71), 2020 Payroll Load Rate Adjustment ( <i>2020 Exclusion</i> ) (\$1.81)
(\$0.04)	Outage: 2R22: Spring Outage Material Restocks
	<u>Budget Impacts:</u>
\$0.00	Incentives:
\$0.56	Online: COVID19 Incremental Support \$0.33, Destack/Restack Service Support/Misc \$0.23
\$0.00	Outage:
<b>Total</b>	<b><u>(\$3.42)</u></b>

**PVGS Executive Cost Report**  
**All Budgets Recap**  
**August 2020**  
**(\$ Millions)**

**August 2020 YTD O&M Variance: (\$13.81) Under-run**

YTD	Comments
	<u>Budget Timing:</u>
(\$4.17)	Online: SCORE/MLIS Replacement [Amortization for 2020] (\$0.30), Insurance [OCIP Adjustment- Workers Comp October] (\$0.39), HR Relocation (\$0.39), Engineering Online Services - Plant and Design [3rd/4th Qtr] (\$0.70), Sandia Labs/Policy Group [Contract Update - September] (\$0.76), Station Services [Fees/Dues/Other - 3rd Qtr] (\$0.78), Site Support [HR, Water Resources, IT, Misc - 3rd Qtr] (\$0.85)
\$0.10	Outage: 1R22: Early Material Withdrawal (September) \$0.10
	<u>Budget Savings:</u>
(\$0.61)	Incentives: U3R21 100 Day Run
(\$22.33)	Online: Engineering License - ETAP [RUC] (\$0.10), Temporary Employee [Intern] (\$0.10), HR Relocation (\$0.63), SCORE/MLIS Replacement (\$1.21), Site Emergent Work Fund/Site Support Misc (\$1.77), Site Travel (\$1.78), Station Services [Fees/Dues/Other] (\$2.71), 2020 Payroll Load Rate Adjustment [2020 <i>Exclusion</i> ] (\$3.76), Insurance [Allocation Adjustment, NEIL/ICRP Reimbursement] (\$4.58), 2019 Payroll Load True Up [2020 <i>Exclusion</i> ] (\$5.69)
(\$8.44)	Outage: 3R21: Prior Year Outage Support [Final Invoicing/Material Returns] (\$1.76), 2R22: Spring Outage Scope COVID Mitigation/Headcount/Material Request Reduction/Emergent Work Fund (\$6.68)
	<u>Budget Impacts:</u>
\$0.78	Incentives: 2019 True-Up/EIP Update
\$20.86	Online: 2019 A&G Load True Up (2020 <i>Exclusion</i> ) \$13.62, COVID19 Incremental Support \$4.35, Destack/Restack Service Support \$0.62, LPFWH 2R22 Deferral (Online) \$0.61, U3 RCP 1B/U2 FW SNO (APS Overtime, Labor OT, Materials) \$0.58, 2019 Exhibit 1 Load Dispatch True Up (2020 <i>Exclusion</i> ) \$0.57, Material Average Unit Cost Adjustments \$0.15, Radwaste (Spent Fuel Pool Iron/Concentrates) \$0.11, NAU Degree Program \$0.10, DOE (Insurance) \$0.10, U2 Main Feedwater Loss SNO (APS Overtime) \$0.05
\$0.00	Outage:
<b>Total</b>	<b><u>(\$13.81)</u></b>