

# 2020 Budget & 2020/2021 Rate Adjustment



December 9, 2019

# Electric Budget Changes

- Circuit Switcher - \$70,000
- Community Solar Fence - \$60,000
- FEMA payment moved to 2020 - \$1,253,314



# Electric Budget

	Budget 2020	Estimated 2019	Budget 2019
<u>Revenues:</u>			
Electric Sales	\$62,997,455	\$62,493,000	\$61,647,085
Misc. Other Revenues	\$3,917,996	\$2,850,000	\$2,979,122
Bond Proceeds	\$8,000,000	\$0	\$3,600,000
Interest Income	\$453,000	\$550,000	\$285,000
BPA Conservation Credits	\$690,250	\$650,000	\$690,208
<b>Total Revenues:</b>	<b>\$76,058,701</b>	<b>\$66,543,000</b>	<b>\$69,201,415</b>
<u>Expenses:</u>			
Purchase Power	\$30,189,614	\$29,500,000	\$29,792,528
Operations, Maintenance, Admin	\$25,221,930	\$22,838,592	\$22,755,848
Business Taxes	\$3,469,966	\$3,291,863	\$3,248,801
Debt Expenses	\$3,726,400	\$3,745,875	\$3,745,875
Capital Expenses	\$12,557,000	\$6,480,579	\$12,458,800
<b>Total Expenses:</b>	<b>\$75,164,910</b>	<b>\$65,856,909</b>	<b>\$72,001,852</b>
<b>Change in Reserves</b>	<b>\$893,791</b>	<b>\$686,091</b>	<b>(\$2,800,437)</b>
<b>Ending Reserves</b>	<b>\$21,334,187</b>	<b>\$20,440,396</b>	<b>\$16,998,723</b>

# Water Budget

	Budget 2020	Estimated 2019	Budget 2019
<u>Revenues:</u>			
Water Sales	\$4,645,033	\$4,315,616	\$4,308,998
Misc. Other Revenues	\$101,250	\$246,502	\$145,250
Capital Fund Transfers	\$500,000		
Debt Proceeds	\$486,240	\$2,421,929	\$2,226,000
<b>Total Revenues:</b>	<b>\$5,732,523</b>	<b>\$6,984,047</b>	<b>\$6,680,248</b>
 <u>Expenses:</u>			
Purchase Water	\$291,846	\$291,846	\$291,846
Operations, Maintenance, Admin	\$3,082,039	\$2,432,692	\$2,480,284
Business Taxes	\$228,800	\$226,963	\$207,252
Debt Expenses	\$533,616	\$536,685	\$434,573
Capital Expenses	\$2,533,604	\$3,754,516	\$4,246,819
<b>Total Expenses:</b>	<b>\$6,669,905</b>	<b>\$7,242,703</b>	<b>\$7,660,774</b>
 <b>Change in Reserves</b>	 <b>(\$937,382)</b>	 <b>(\$258,656)</b>	 <b>(\$980,526)</b>
 <b>Ending Reserves</b> (Unrestricted)	 <b>\$1,530,839</b>	 <b>\$2,468,221</b>	 <b>\$2,726,876</b>

# Waste Water Budget

	Budget 2020	Estimated 2019	Budget 2019
<u>Revenues:</u>			
Waste Water Sales	\$67,849	\$63,291	\$60,406
Misc. Other Revenues	\$1,250	\$2,169	\$1,250
Capital Fund Transfers	\$90,000		
Debt Proceeds		\$43,000	\$0
<b>Total Revenues:</b>	<b>\$159,099</b>	<b>\$108,460</b>	<b>\$61,656</b>
<u>Expenses:</u>			
Operations, Maintenance, Admin	\$90,870	\$60,643	\$58,557
Business Taxes	\$100	\$98	\$1,000
Debt Expenses	\$3,565	\$3,612	\$0
Capital Expenses	\$64,260	\$57,762	\$9,400
<b>Total Expenses:</b>	<b>\$158,795</b>	<b>\$122,116</b>	<b>\$68,957</b>
<b>Change in Reserves</b>	<b>\$304</b>	<b>(\$13,656)</b>	<b>(\$7,301)</b>
<b>Ending Reserves (Unrestricted)</b>	<b>\$6,312</b>	<b>\$6,008</b>	<b>\$19,664</b>

# 2020 Combined Budgets

2020 Budget Summary	Electric	Water	Waste Water
Revenue from Rates	\$62,997,455	\$4,645,033	\$67,849
Other Revenue	\$5,061,246	\$601,250	\$91,250
Debt Proceeds	\$8,000,000	\$486,240	
<b>Total Source of Funds:</b>	<b>\$76,058,701</b>	<b>\$5,732,523</b>	<b>\$159,099</b>
Purchased Resources	\$30,189,614	\$291,846	
Conservation	\$590,550		
Operations, Maintenance, Admin	\$24,631,380	\$3,082,039	\$90,870
Taxes	\$3,469,966	\$228,800	\$100
Debt Service	\$3,726,400	\$533,616	\$3,565
Capital Expense	\$12,557,000	\$2,533,604	\$64,260
<b>Total Uses of Funds:</b>	<b>\$75,164,910</b>	<b>\$6,669,905</b>	<b>\$158,795</b>
Change in Reserves	\$893,791	(\$937,382)	\$304
Beginning Cash Reserves	\$20,440,396	\$2,468,221	\$6,008
Estimated Ending Cash Reserves	<b>\$21,334,187</b>	<b>\$1,530,839</b>	<b>\$6,312</b>

# 2020 / 2021 Proposed Electric Rate Adjustments

Analysis provided by FCS Group

## 2020/2021 Proposed Electric Rate Adjustment

Class	2020	2021
Residential/Farm	3.50%	3.50%
Small General Service	3.50%	3.50%
Medium General Service	3.50%	3.50%
Large General Service	3.50%	3.50%
Industrial	3.50%	3.50%
Seasonal Irrigation	3.50%	3.50%
Area Lighting	3.50%	3.50%
Highway Lighting Service	3.50%	3.50%
<b>Total</b>	<b>3.50%</b>	<b>3.50%</b>



# Basic Customer Charge 2020

Class	Existing	% Inc	2020
<b>Residential/Farm</b>			
Single Phase	\$33.14	9.66%	\$36.34
Three Phase	\$66.27	9.67%	\$72.68
<b>Small General Service</b>			
Single Phase	\$36.45	9.79%	\$40.02
Three Phase	\$72.91	9.79%	\$80.05
<b>Medium General Service</b>	\$70.00	1.74%	\$71.22
<b>Large General Service</b>	\$184.89	3.50%	\$191.36
<b>Industrial</b>	\$276.99	3.50%	\$286.68
<b>Seasonal Irrigation</b>			
Single Phase	\$20.93	11.99%	\$23.44
Three Phase	\$41.87	11.99%	\$46.89
<b>Area Lighting</b>	\$11.22	3.39%	\$11.60
<b>Highway Lighting</b>			
Single Phase	\$36.59	7.08%	\$39.18
Three Phase	\$69.04	7.07%	\$73.92

# Basic Customer Charge 2021

Class	2020	% Inc	2021
<b>Residential/Farm</b>			
Single Phase	\$36.34	8.83%	\$39.55
Three Phase	\$72.68	8.81%	\$79.08
<b>Small General Service</b>			
Single Phase	\$40.02	8.92%	\$43.59
Three Phase	\$80.05	8.92%	\$87.19
<b>Medium General Service</b>	\$71.22	1.71%	\$72.44
<b>Large General Service</b>	\$191.36	3.50%	\$198.06
<b>Industrial</b>	\$286.68	3.50%	\$296.72
<b>Seasonal Irrigation</b>			
Single Phase	\$23.44	11.09%	\$26.04
Three Phase	\$46.89	11.09%	\$52.09
<b>Area Lighting</b>	\$11.60	3.53%	\$12.01
<b>Highway Lighting</b>			
Single Phase	\$39.18	6.81%	\$41.85
Three Phase	\$73.92	6.83%	\$78.97

# kWh 2020

Class	Existing	% Inc	2020
<b>Residential/Farm</b>			
Single Phase	\$0.0740	1.35%	\$0.0750
Three Phase	\$0.0740	1.35%	\$0.0750
<b>Small General Service</b>			
Single Phase	\$0.0736	1.22%	\$0.0745
Three Phase	\$0.0736	1.22%	\$0.0745
<b>Medium General Service</b>	\$0.0590	3.56%	\$0.0611
<b>Large General Service</b>	\$0.0479	3.55%	\$0.0496
<b>Industrial</b>	\$0.0458	3.49%	\$0.0474
<b>Seasonal Irrigation</b>			
Single Phase	\$0.0716	0.00%	\$0.0716
Three Phase	\$0.0716	0.00%	\$0.0716
<b>Area Lighting</b>	n/a		n/a
<b>Highway Lighting</b>			
Single Phase	\$0.0735	0.00%	\$0.0735
Three Phase	\$0.0735	0.00%	\$0.0735

# kWh 2021

Class	2020	% Inc	2021
<b>Residential/Farm</b>			
Single Phase	\$0.0750	1.47%	\$0.0761
Three Phase	\$0.0750	1.47%	\$0.0761
<b>Small General Service</b>			
Single Phase	\$0.0745	1.34%	\$0.0755
Three Phase	\$0.0745	1.34%	\$0.0755
<b>Medium General Service</b>	\$0.0611	3.60%	\$0.0633
<b>Large General Service</b>	\$0.0496	3.43%	\$0.0513
<b>Industrial</b>	\$0.0474	3.59%	\$0.0491
<b>Seasonal Irrigation</b>			
Single Phase	\$0.0716	0.00%	\$0.0716
Three Phase	\$0.0716	0.00%	\$0.0716
<b>Area Lighting</b>	n/a		n/a
<b>Highway Lighting</b>			
Single Phase	\$0.0735	0.00%	\$0.0735
Three Phase	\$0.0735	0.00%	\$0.0735

# Demand 2020

Class	Existing	% Inc	2020
<b>Residential/Farm</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a
<b>Small General Service</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a
<b>Medium General Service</b>	\$3.3200	3.61%	\$3.4400
<b>Large General Service</b>	\$5.1600	3.49%	\$5.3400
<b>Industrial</b>	\$6.4100	3.43%	\$6.6300
<b>Seasonal Irrigation</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a
<b>Area Lighting</b>	n/a		
<b>Highway Lighting</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a

# Demand 2021

Class	2020	% Inc	2021
<b>Residential/Farm</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a
<b>Small General Service</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a
<b>Medium General Service</b>	\$3.4400	3.49%	\$3.5600
<b>Large General Service</b>	\$5.3400	3.56%	\$5.5300
<b>Industrial</b>	\$6.6300	3.62%	\$6.8700
<b>Seasonal Irrigation</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a
<b>Area Lighting</b>	n/a		
<b>Highway Lighting</b>			
Single Phase	n/a		n/a
Three Phase	n/a		n/a

# Residential – Single Phase

**Average residential user consuming 1,250 kWh per month**

## **2020**

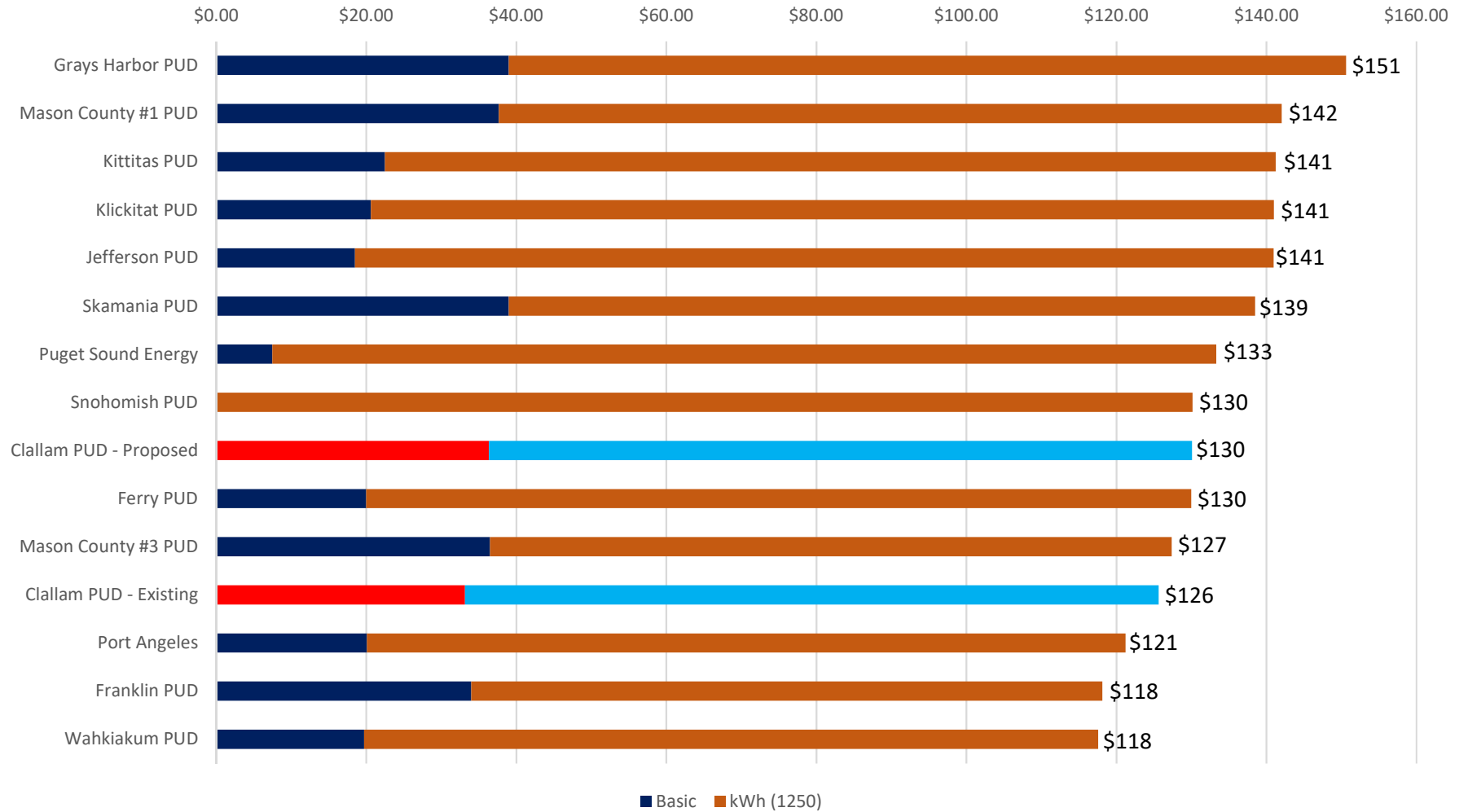
- Existing - \$125.64
- April 2020 - \$130.09
- Difference - \$4.45

## **2021**

- Existing - \$130.09
- April 2021 - \$134.68
- Difference - \$4.59

# Residential Rate Survey

## Residential Comparison (1250 kWh)





# Service Territory Comparison

<b>Utility</b>	<b>Sq Miles</b>
<b>City of PA</b>	<b>15</b>
<b>Jefferson</b>	<b>250</b>
<b>Franklin</b>	<b>435</b>
<b>Mason 3</b>	<b>600</b>
<b>Benton</b>	<b>939</b>
<b>Clallam</b>	<b>2000</b>

# Average Price per kWh

Rank	State	Cents/kWh
1	Louisiana	9.57
2	Washington	10.06
3	Arkansas	10.08
4	Idaho	10.18
5	Oklahoma	10.61
	US Average	13.30
47	Connecticut	21.29
48	Massachusetts	21.54
49	Rhode Island	21.76
50	Alaska	23.56
51	Hawaii	31.16

\*Source eia.gov August 2019

Questions?