

**Public Service Company of Colorado
 Electric Department
 2021 Projected Retail Protection Mitigation Rider**

Wildfire Protection Rider Rate Design

Line No.		(A) Primary Function	(B) Dist Subs Function		Projected Retail Cost for Wildfire Protection Rider
1	Total Revenue Requirement	\$ 19,371,830	\$ 380,764		
2	Amounts Recovered in Base Rates	(2,567,556)			
3	Rider Revenue Requirement	<u>\$ 16,804,274</u>	<u>\$ 380,764</u>	\$	17,185,038

Cost Allocation Methodology

- (A)** NCP, does not include TG customer class
- (B)** 4CP-AED

Public Service Company of Colorado
Electric Department
Class Cost Allocations
2021 Projected Retail Protection Mitigation Rider

Wildfire Protection Rider Rate Design

Line No.	Rate Class	4CP-AED Allocated Rev Req \$	NCP Allocated Rev Req \$	Total WPR Revenue Requirement \$
1	Residential General	161,103	7,299,962	7,461,065
2	Residential Demand	229	25,390	25,619
3	Total Residential	161,332	7,325,352	7,486,684
4				
5	Small Commerical	19,909	952,347	972,256
6				
7	C&I Secondary	165,498	7,033,176	7,198,674
8	C&I Primary	32,704	1,389,629	1,422,333
9	C&I Transmission	0	0	0
10	Total C&I	198,202	8,422,805	8,621,007
11				
12	Street and Area Lighting	1,162	96,909	98,071
13	Traffic Signal Lighting	160	6,861	7,021
14	Total Lighting	1,322	103,770	105,092
15				
16	<i>Rounding - Functional Allocations</i>			
17	<i>Rounding - Class Allocations</i>		(1)	(1)
18	CPUC Total	380,765	16,804,273	17,185,038

**Public Service Company of Colorado
 Electric Department
 Unit Cost Calculations
 2021 Projected Retail Protection Mitigation Rider**

Wildfire Protection Rider Rate Design

Line No.		<u>Residential General</u>	<u>Small Commercial</u>	<u>Street & Area Lighting</u>	<u>Traffic Signal Lighting</u>
1	<u>Energy Rider Unit Cost Determination</u>				
2					
3	Allocated Rider Revenue Requirement:	\$7,461,065	\$972,256	\$98,071	\$7,021
4					
5	Annual Billing Units - Energy	9,509,849,892	1,318,226,022	158,157,066	19,907,515
6					
7	Energy Based Unit Cost:	\$0.00078456	\$0.00073755	\$0.00062009	\$0.00035268
8					
9	Rounded Rider:	\$0.00078	\$0.00074	\$0.00062	\$0.00035

Line No.		<u>Residential Demand</u>		<u>Residential Demand -TDR</u>	
12					
13					
14					
15					
16					
17	<u>Demand Rider Unit Cost Determination</u>				
18					
19	Allocated Rider Revenue Requirement:	\$25,619		\$7,461,065	
20					
21	Annual Billing Units - Demand	142,065	kW-Mo	43,789,362	kW-Mo
22					
23	Demand Based Unit Cost:	\$0.1803	/ kW-Mo	\$0.1704	/ kW-Mo
24					
25	Rounded Rider:	\$0.18	/ kW-Mo	\$0.17	/ kW-Mo

Line No.		<u>Commercial and Industrial</u>		
		<u>Secondary Delivery</u>	<u>Primary Delivery</u>	<u>Transmission Delivery</u>
28				
29				
30				
31				
32				
33				
34	<u>Demand Rider Unit Cost Determination</u>			
35				
36	Allocated Rider Revenue Requirement:	\$7,198,674	\$1,422,333	\$0
37				
38	Total Annual Equivalent Billing Demand:			
39	Billing Demand - at Load	32,253,621	7,009,612	4,588,269
40				
41	Demand Based Unit Cost:	\$0.2232	\$0.2029	\$0.0000
42				
43	Rounded Rider:	\$0.22	\$0.20	\$0.00 / kW-Mo

46	<u>Production Demand Rider - Low Load Factor Service</u>	
47	Monthly Hours Use Cap	80.00 hours use
48	Rounded Rider:	\$0.00279 / kWh
49		

50	<u>Production Demand Rider - S-EV Service</u>	
51	Monthly Hours Use Cap	109.50 hours use

52	Rounded Rider:	\$0.00204 / kWh		
53				
54	<u>Production Reserved Capacity Riders - Standby Service</u>			
55	Reserved Capacity Percentage	12%	12%	12%
56	Rounded Rider:	\$0.03	\$0.02	\$0.00 / kW-Mo

Public Service Company of Colorado
Electric Department
Customer Impact Study - Wildfire Protection Rider

Wildfire Protection Rider Rate Design

Customer Class	Current Rates	Proposed Rates	Monthly Average Usage	Current Bill	Proposed Bill	Monthly Difference \$	Monthly Difference %
Residential - Schedule R							
Service and Facility Charge	\$ 5.47	\$ 5.47		\$ 5.47	\$ 5.47	\$ -	
Energy Charge Annualized	\$ 0.06124 /kWh	\$ 0.06124 /kWh	617 kWh	37.81	37.81	-	
Subtotal				\$ 43.28	\$ 43.28	\$ -	0.00%
GRSA	0.00%	0.00%		-	-	-	
GRSA-E	\$0.00823	\$0.00823		5.08	5.08	-	
Base Rate Amount				\$ 48.36	\$ 48.36	\$ -	0.00%
DSMCA	\$ 0.00189	\$ 0.00189 /kWh		\$ 1.17	\$ 1.17	\$ -	
PCCA	\$ 0.00392	\$ 0.00392 /kWh		\$ 2.42	\$ 2.42	\$ -	
CACJA	\$ (0.00008)	\$ (0.00008) /kWh		\$ (0.05)	\$ (0.05)	\$ -	
WPR	\$ -	\$ 0.00078 /kWh		\$ -	\$ 0.48	\$ 0.48	
TCA	\$ 0.00036	\$ 0.00036 /kWh		\$ 0.22	\$ 0.22	\$ -	
ECA - Secondary	\$ 0.02522	\$ 0.02522 /kWh		\$ 15.57	\$ 15.57	\$ -	
Subtotal Base Rate Adjustments				\$ 19.33	\$ 19.81	\$ 0.48	
Total Bill Subtotal				\$ 67.69	\$ 68.17	\$ 0.48	0.71%
RESA	2.00%	2.00%		\$ 1.35	\$ 1.36	\$ 0.01	
Total Bill				\$ 69.04	\$ 69.53	\$ 0.49	0.71%
Commercial - Schedule C							
Service and Facility Charge	\$ 10.50	\$ 10.50		\$ 10.50	\$ 10.50	\$ -	
Energy Charge Annualized	\$ 0.05727 /kWh	\$ 0.05727 /kWh	941 kWh	53.91	53.91	-	
Subtotal				\$ 64.41	\$ 64.41	\$ -	0.00%
GRSA	0.00%	0.00%		-	-	-	
GRSA-E	\$0.00814	\$0.00814		7.66	7.66	-	
Base Rate Amount				\$ 72.07	\$ 72.07	\$ -	0.00%
DSMCA	\$ 0.00171	\$ 0.00171 /kWh		\$ 1.61	\$ 1.61	\$ -	
PCCA	\$ 0.00353	\$ 0.00353 /kWh		\$ 3.32	\$ 3.32	\$ -	
CACJA	\$ (0.00007)	\$ (0.00007) /kWh		\$ (0.07)	\$ (0.07)	\$ -	
WPR	\$ -	\$ 0.00074 /kWh		\$ -	\$ 0.70	\$ 0.70	
TCA	\$ 0.00032	\$ 0.00032 /kWh		\$ 0.30	\$ 0.30	\$ -	
ECA - Secondary	\$ 0.02522	\$ 0.02522 /kWh		\$ 23.74	\$ 23.74	\$ -	
Subtotal Base Rate Adjustments				\$ 28.90	\$ 29.60	\$ 0.70	
Total Bill Subtotal				\$ 100.97	\$ 101.67	\$ 0.70	0.69%
RESA	2.00%	2.00%		\$ 2.02	\$ 2.03	\$ 0.01	
Total Bill				\$ 102.99	\$ 103.70	\$ 0.71	0.69%
Secondary General - Schedule SG							
Service and Facility Charge	\$ 36.17	\$ 36.17	50.56% L.F.	\$ 36.17	\$ 36.17	\$ -	
Energy Charge	\$ 0.00461 kWh	\$ 0.00461 kWh	23,565 kWh	108.64	108.64	-	
Distribution Demand Charge	\$ 5.63 /kW	\$ 5.63 /kW	65.54 kW	368.98	368.98	-	
G & T Demand Charge - Annualized	\$ 11.35 /kW	\$ 11.35 /kW	63.85 kW	724.44	724.44	-	
Subtotal				\$ 1,238.23	\$ 1,238.23	\$ -	0.00%
GRSA	5.76%	5.76%		71.32	71.32	-	
GRSA-E	\$0.00420	\$0.00420		98.97	98.97	-	
Base Rate Amount				\$ 1,408.52	\$ 1,408.52	\$ -	0.00%
DSMCA	\$ 0.56	\$ 0.56 /kW		\$ 35.75	\$ 35.75	\$ -	
PCCA	\$ 1.21	\$ 1.21 /kW		\$ 77.25	\$ 77.25	\$ -	
CACJA	\$ (0.03)	\$ (0.03) /kW		\$ (1.92)	\$ (1.92)	\$ -	
WPR	\$ -	\$ 0.22 /kW		\$ -	\$ 14.05	\$ 14.05	
TCA	\$ 0.11	\$ 0.11 /kW		\$ 7.02	\$ 7.02	\$ -	
ECA - Secondary	\$ 0.02522	\$ 0.02522 /kWh		\$ 594.31	\$ 594.31	\$ -	
Subtotal Base Rate Adjustments				\$ 712.41	\$ 726.46	\$ 14.05	
Total Bill Subtotal				\$ 2,120.93	\$ 2,134.98	\$ 14.05	0.66%
RESA	2.00%	2.00%		\$ 42.42	\$ 42.70	\$ 0.28	
Total Bill				\$ 2,163.35	\$ 2,177.68	\$ 14.33	0.66%
Primary General - Schedule PG							
Service and Facility Charge	\$ 346.29	\$ 346.29	70.78% L.F.	\$ 346.29	\$ 346.29	\$ -	
Energy Charge	\$ 0.00458 kWh	\$ 0.00458 kWh	501,282 kWh	2,295.87	2,295.87	-	
Distribution Demand Charge	\$ 3.86 /kW	\$ 3.86 /kW	1,053.83 kW	4,067.79	4,067.79	-	
G & T Demand Charge - Annualized	\$ 11.21 /kW	\$ 11.21 /kW	970.16 kW	10,878.62	10,878.62	-	
Subtotal				\$ 17,588.57	\$ 17,588.57	\$ -	0.00%
GRSA	5.76%	5.76%		1,013.10	1,013.10	-	
GRSA-E	\$0.00410	\$0.00410		2,055.26	2,055.26	-	
Base Rate Amount				\$ 20,656.93	\$ 20,656.93	\$ -	0.00%
DSMCA	\$ 0.55	\$ 0.55 /kW		\$ 533.59	\$ 533.59	\$ -	
PCCA	\$ 1.15	\$ 1.15 /kW		\$ 1,115.69	\$ 1,115.69	\$ -	
CACJA	\$ (0.02)	\$ (0.02) /kW		\$ (19.40)	\$ (19.40)	\$ -	
WPR	\$ -	\$ 0.20 /kW		\$ -	\$ 194.03	\$ 194.03	

Customer Class	Current Rates	Proposed Rates	Monthly Average Usage	Current Bill	Proposed Bill	Monthly Difference \$	Monthly Difference %
TCA	\$ 0.10	\$ 0.10 /kW		\$ 97.02	\$ 97.02	\$ -	
ECA - Primary On-Peak (1)	\$ 0.03002	\$ 0.03002 /kWh		\$ 6,105.09	\$ 6,105.09	\$ -	
ECA - Primary Off-Peak (1)	\$ 0.02099	\$ 0.02099 /kWh		\$ 6,255.02	\$ 6,255.02	\$ -	
Subtotal Base Rate Adjustments				\$ 14,087.01	\$ 14,281.04	\$ 194.03	
Total Bill Subtotal				\$ 34,743.94	\$ 34,937.97	\$ 194.03	0.56%
RESA	2.00%	2.00%		\$ 694.88	\$ 698.76	\$ 3.88	
Total Bill				\$ 35,438.82	\$ 35,636.73	\$ 197.91	0.56%

Transmission General - Schedule TG							
Service and Facility Charge	\$ 16,025	\$ 16,025	68.42% L.F.	\$ 16,025.28	\$ 16,025.28	\$ -	
Energy Charge	\$ 0.00441 /kWh	\$ 0.00441 /kWh	9,561,928 kWh	42,168.10	42,168.10	\$ -	
G & T Demand Charge - Annualized	\$ 9.63 /kW	\$ 9.63 /kW	19,143.90 kW	184,316.59	184,316.59	\$ -	
Subtotal				\$ 242,509.97	\$ 242,509.97	\$ -	0.00%
GRSA	5.76%	5.76%		13,968.57	13,968.57	\$ -	
GRSA-E	\$0.00406	\$0.00406		38,821.43	38,821.43	\$ -	
Base Rate Amount				\$ 295,299.97	\$ 295,299.97	\$ -	0.00%
DSMCA	\$ 0.49	\$ 0.49 /kW		\$ 9,380.51	\$ 9,380.51	\$ -	
PCCA	\$ 1.03	\$ 1.03 /kW		\$ 19,718.22	\$ 19,718.22	\$ -	
CACJA	\$ (0.02)	\$ (0.02) /kW		\$ (382.88)	\$ (382.88)	\$ -	
WPR	\$ -	\$ 0.00 /kW		\$ -	\$ -	\$ -	
TCA	\$ 0.09	\$ 0.09 /kW		\$ 1,722.95	\$ 1,722.95	\$ -	
ECA - Transmission On-Peak (1)	\$ 0.02959	\$ 0.02959 /kWh		\$ 100,975.55	\$ 100,975.55	\$ -	
ECA - Transmission Off-Peak (1)	\$ 0.02069	\$ 0.02069 /kWh		\$ 127,236.63	\$ 127,236.63	\$ -	
Subtotal Base Rate Adjustments				\$ 258,650.98	\$ 258,650.98	\$ -	
Total Bill Subtotal				\$ 553,950.95	\$ 553,950.95	\$ -	0.00%
RESA	2.00%	2.00%		\$ 11,079.02	\$ 11,079.02	\$ -	
Total Bill				\$ 565,029.97	\$ 565,029.97	\$ -	0.00%