

**Customer Bill Impacts
2021 Electric Rate Case**

2021 Electric Rate Case - Phase I vs Estimated 2020 Phase II Base Rates				
Average Monthly Bill Impact				
	Est. 2020 Phase II	Proposed	Monthly \$ Change	Monthly % Change
Residential - R	\$77.32	\$87.28	\$9.96	12.89%
Commercial - C	\$111.59	\$125.56	\$13.98	12.53%
Secondary General - SG	\$2,220	\$2,466	\$246	11.08%
Primary General - PG	\$37,139	\$40,780	\$3,641	9.80%
Transmission General - TG	\$504,373	\$549,159	\$44,785	8.88%

Public Service Company of Colorado
Electric Department
Customer Impact Study
Bill Impacts of Rate Case
2020 Phase II Rates VS 2021 Rate Case

Customer Class	Current Rates	Proposed Rates	Billing Volumes	Current Bill	Proposed Bill	Monthly Difference \$	Monthly Difference %
Residential - Schedule R							
Service and Facility Charge	\$6.00/month	\$6.00/month	1 month	\$6.00	\$6.00	\$0.00	
Summer Tier 1 Energy Charge	\$0.08263/kWh	\$0.08263/kWh	128 kWh	\$10.59	\$10.59	\$0.00	
Summer Tier 2 Energy Charge	\$0.08263/kWh	\$0.08263/kWh	88 kWh	\$7.28	\$7.28	\$0.00	
Winter Energy Charge	\$0.07056/kWh	\$0.07056/kWh	376 kWh	\$26.56	\$26.56	\$0.00	
GRSA	0.00%	0.00%		\$0.00	\$0.00	\$0.00	
GRSA-E	\$0.00000/kWh	\$0.02071/kWh	593 kWh	\$0.00	\$12.28	\$12.28	
Subtotal Base Rates				\$50.43	\$62.71	\$12.28	24.34%
DSMCA	\$0.00177/kWh	\$0.00177/kWh	593 kWh	\$1.05	\$1.05	\$0.00	
PCCA	\$0.00415/kWh	\$0.00415/kWh	593 kWh	\$2.46	\$2.46	\$0.00	
CACJA	(\$0.00009)/kWh	(\$0.00009)/kWh	593 kWh	(\$0.05)	(\$0.05)	\$0.00	
TCA	\$0.00108/kWh	(\$0.00042)/kWh	593 kWh	\$0.64	(\$0.25)	(\$0.89)	
TEPA	\$0.00046/kWh	\$0.00046/kWh	593 kWh	\$0.27	\$0.27	\$0.00	
ECA - Secondary	\$0.03544/kWh	\$0.03271/kWh	593 kWh	\$21.00	\$19.39	(\$1.62)	
Subtotal Base Rate Adjustments				\$25.37	\$22.87	(\$2.51)	-9.88%
Bill Subtotal				\$75.80	\$85.57	\$9.77	12.89%
CEPA	1.00%	1.00%		\$0.76	\$0.86	\$0.10	
RESA	1.00%	1.00%		\$0.76	\$0.86	\$0.10	
Total Bill				\$77.32	\$87.28	\$9.96	12.89%
Commercial - Schedule C							
Service and Facility Charge	\$10.50/month	\$10.50/month	1 month	\$10.50	\$10.50	\$0.00	
Summer Energy Charge	\$0.08852/kWh	\$0.08852/kWh	329 kWh	\$29.13	\$29.13	\$0.00	
Winter Energy Charge	\$0.05314/kWh	\$0.05314/kWh	599 kWh	\$31.86	\$31.86	\$0.00	
GRSA	0.00%	0.00%		\$0.00	\$0.00	\$0.00	
GRSA-E	\$0.00000/kWh	\$0.01898/kWh	929 kWh	\$0.00	\$17.63	\$17.63	
Base Rate Amount				\$71.49	\$89.12	\$17.63	24.66%
DSMCA	\$0.00158/kWh	\$0.00158/kWh	929 kWh	\$1.47	\$1.47	\$0.00	
PCCA	\$0.00372/kWh	\$0.00372/kWh	929 kWh	\$3.45	\$3.45	\$0.00	
CACJA	(\$0.00008)/kWh	(\$0.00008)/kWh	929 kWh	(\$0.07)	(\$0.07)	\$0.00	
TCA	\$0.00097/kWh	(\$0.00038)/kWh	929 kWh	\$0.90	(\$0.35)	(\$1.25)	
TEPA	\$0.00036/kWh	\$0.00036/kWh	929 kWh	\$0.33	\$0.33	\$0.00	
ECA - Secondary	\$0.03544/kWh	\$0.03271/kWh	929 kWh	\$32.91	\$30.37	(\$2.54)	
Subtotal Base Rate Adjustments				\$38.99	\$35.20	(\$3.79)	-9.72%
Total Bill Subtotal				\$110.48	\$124.32	\$13.84	12.53%
CEPA	1.00%	1.00%		\$1.10	\$1.24	\$0.14	
RESA	1.00%	1.00%		\$1.10	\$1.24	\$0.14	
Total Bill				\$111.59	\$125.56	\$13.98	12.53%

Public Service Company of Colorado
Electric Department
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Customer Class	Current Rates	Proposed Rates	Billing Volumes	Current Bill	Proposed Bill	Monthly Difference \$	Monthly Difference %
Secondary General - Schedule SG							
Service and Facility Charge	\$37.90/month	\$37.90/month	1 month	\$37.90	\$37.90	\$0.00	
Energy Charge	\$0.00791/kWh	\$0.00791/kWh	22,200 kWh	\$175.60	\$175.60	\$0.00	
Distribution Demand Charge	\$6.17/kW-mo	\$6.17/kW-mo	62 kW-mo	\$380.22	\$380.22	\$0.00	
Summer G&T Demand Charge	\$15.15/kW-mo	\$15.15/kW-mo	22 kW-mo	\$339.04	\$339.04	\$0.00	
Winter G&T Demand Charge	\$9.09/kW-mo	\$9.09/kW-mo	38 kW-mo	\$343.59	\$343.59	\$0.00	
GRSA	0.00%	20.92%		\$0.00	\$266.96	\$266.96	
GRSA-E	\$0.00000/kWh	\$0.00292/kWh	22,200 kWh	\$0.00	\$64.82	\$64.82	
Base Rate Amount				\$1,276.35	\$1,608.14	\$331.79	25.99%
DSMCA	\$0.54/kW-mo	\$0.54/kW-mo	60 kW-mo	\$32.50	\$32.50	\$0.00	
PCCA	\$1.27/kW-mo	\$1.27/kW-mo	60 kW-mo	\$76.42	\$76.42	\$0.00	
CACJA	(\$0.03)/kW-mo	(\$0.03)/kW-mo	60 kW-mo	(\$1.81)	(\$1.81)	\$0.00	
TCA	\$0.33/kW-mo	(\$0.13)/kW-mo	60 kW-mo	\$19.86	(\$7.82)	(\$27.68)	
TEPA	\$0.13/kW-mo	\$0.13/kW-mo	60 kW-mo	\$7.82	\$7.82	\$0.00	
ECA - Secondary	\$0.03544/kWh	\$0.03271/kWh	22,200 kWh	\$786.78	\$726.17	(\$60.61)	
Subtotal Base Rate Adjustments				\$921.57	\$833.28	(\$88.29)	-9.58%
Total Bill Subtotal				\$2,197.93	\$2,441.42	\$243.50	11.08%
CEPA	1.00%	1.00%		\$21.98	\$24.41	\$2.43	
RESA	1.00%	1.00%		\$21.98	\$24.41	\$2.43	
Total Bill				\$2,219.91	\$2,465.84	\$245.93	11.08%
Primary General - Schedule PG							
Service and Facility Charge	\$382.49/month	\$382.49/month	1 month	\$382.49	\$382.49	\$0.00	
Energy Charge	\$0.00778/kWh	\$0.00778/kWh	465,948 kWh	\$3,625.08	\$3,625.08	\$0.00	
Distribution Demand Charge	\$4.23/kW-mo	\$4.23/kW-mo	979 kW-mo	\$4,142.30	\$4,142.30	\$0.00	
Summer G&T Demand Charge	\$14.97/kW-mo	\$14.97/kW-mo	322 kW-mo	\$4,817.96	\$4,817.96	\$0.00	
Winter G&T Demand Charge	\$10.03/kW-mo	\$10.03/kW-mo	578 kW-mo	\$5,797.44	\$5,797.44	\$0.00	
GRSA	0.00%	20.92%		\$0.00	\$3,924.94	\$3,924.94	
GRSA-E	\$0.00000/kWh	\$0.00285/kWh	465,948 kWh	\$0.00	\$1,327.95	\$1,327.95	
Base Rate Amount				\$18,765.27	\$24,018.16	\$5,252.90	27.99%
DSMCA	\$0.50/kW-mo	\$0.50/kW-mo	900 kW-mo	\$449.93	\$449.93	\$0.00	
PCCA	\$1.18/kW-mo	\$1.18/kW-mo	900 kW-mo	\$1,061.82	\$1,061.82	\$0.00	
CACJA	(\$0.03)/kW-mo	(\$0.03)/kW-mo	900 kW-mo	(\$27.00)	(\$27.00)	\$0.00	
TCA	\$0.31/kW-mo	(\$0.12)/kW-mo	900 kW-mo	\$278.95	(\$107.98)	(\$386.94)	
TEPA	\$0.12/kW-mo	\$0.12/kW-mo	900 kW-mo	\$107.98	\$107.98	\$0.00	
40.0% ECA On-Peak	\$0.04668/kWh	\$0.04298/kWh	186,157 kWh	\$8,689.71	\$8,001.24	(\$688.47)	
60.0% ECA Off-Peak	\$0.02661/kWh	\$0.02456/kWh	279,791 kWh	\$7,444.49	\$6,871.83	(\$572.65)	
Subtotal Base Rate Adjustments				\$18,005.89	\$16,357.83	(\$1,648.06)	-9.15%
Total Bill Subtotal				\$36,771.15	\$40,375.99	\$3,604.84	9.80%
CEPA	1.00%	1.00%		\$367.71	\$403.76	\$36.05	
RESA	1.00%	1.00%		\$367.71	\$403.76	\$36.05	
Total Bill				\$37,138.86	\$40,779.75	\$3,640.88	9.80%

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Electric Department
Customer Impact Study
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Customer Class	Current Rates	Proposed Rates	Billing Volumes	Current Bill	Proposed Bill	Monthly Difference \$	Monthly Difference %
Transmission General - Schedule TG							
Service and Facility Charge	\$10,360.85/month	\$11,642.44/month	1 month	\$10,360.85	\$11,642.44	\$1,281.59	
Energy Charge	\$0.00724/kWh	\$0.00724/kWh	6,962,357 kWh	\$50,407.46	\$50,407.46	\$0.00	
Summer G&T Demand Charge	\$12.68/kW-mo	\$12.68/kW-mo	6,130 kW-mo	\$77,727.69	\$77,727.69	\$0.00	
Winter G&T Demand Charge	\$7.60/kW-mo	\$7.60/kW-mo	12,261 kW-mo	\$93,182.86	\$93,182.86	\$0.00	
GRSA	0.00%	20.92%		\$0.00	\$48,726.00	\$48,726.00	
GRSA-E	\$0.00000/kWh	\$0.00280/kWh	6,962,357 kWh	\$0.00	\$19,494.60	\$19,494.60	
Base Rate Amount				\$231,678.86	\$301,181.05	\$69,502.19	30.00%
DSMCA	\$0.44/kW-mo	\$0.44/kW-mo	18,391 kW-mo	\$8,091.97	\$8,091.97	\$0.00	
PCCA	\$1.04/kW-mo	\$1.04/kW-mo	18,391 kW-mo	\$19,126.48	\$19,126.48	\$0.00	
CACJA	(\$0.02)/kW-mo	(\$0.02)/kW-mo	18,391 kW-mo	(\$367.82)	(\$367.82)	\$0.00	
TCA	\$0.27/kW-mo	(\$0.11)/kW-mo	18,391 kW-mo	\$4,965.53	(\$2,022.99)	(\$6,988.52)	
TEPA	\$0.00/kW-mo	\$0.00/kW-mo	18,391 kW-mo	\$0.00	\$0.00	\$0.00	
38.1% ECA On-Peak	\$0.04610/kWh	\$0.04255/kWh	2,655,967 kWh	\$122,441.10	\$113,008.66	(\$9,432.45)	
61.9% ECA Off-Peak	\$0.02634/kWh	\$0.02431/kWh	4,306,390 kWh	\$113,443.55	\$104,704.25	(\$8,739.31)	
Subtotal Base Rate Adjustments				\$267,700.82	\$242,540.55	(\$25,160.27)	-9.40%
Total Bill Subtotal				\$499,379.68	\$543,721.60	\$44,341.92	8.88%
CEPA	1.00%	1.00%		\$4,993.80	\$5,437.22	\$443.42	
RESA	1.00%	1.00%		\$4,993.80	\$5,437.22	\$443.42	
Total Bill				\$504,373.48	\$549,158.81	\$44,785.34	8.88%

Public Service Company of Colorado
PSC-1Y-300 DEF RR
At December 2022
PSC JCOSS Electric - Rate Case 13MA

Line No.	PSC-1Y-300 DEF RR	PSCO Electric	Rush Creek	Cheyenne Ridge	Total GRSA-E Reve Req	PSCO Net of RCW and CRW
1	Rate Base					
2		10,286,709,620	668,824,388	574,236,511	1,243,060,898	9,043,648,721
3	Allowed Rate of Return	7.17%	7.17%	7.17%		
4	Required Earnings	737,557,080	47,954,709	41,172,758	89,127,466	648,429,613
5						
6	Operating Earnings					
7	Interest Deduction	165,616,025	10,768,073	9,245,208	20,013,280	145,602,744
8						
9	Schedule M	(248,645,839)	(61,706,195)	(103,054,883)	(164,761,078)	(83,884,760)
10						
11	State Taxable Income	323,295,216	(24,519,559)	(71,127,333)	(95,646,892)	418,942,109
12	State Tax Rate	4.55%	4.55%	4.55%		
13	State Tax Expense	14,709,932	(1,115,640)	(3,236,294)	(4,351,934)	19,061,866
14						
15	Section 199 Deduction					
16	Federal Taxable Income	308,585,284	(23,403,919)	(67,891,040)	(91,294,959)	399,880,243
17	Federal Tax Rate	21.00%	21.00%	21.00%		
18	Federal Tax Expense	64,802,910	(4,914,823)	(14,257,118)	(19,171,941)	83,974,851
19						
20	Deferred Taxes	35,153,321	15,220,980	25,356,410	40,577,390	(5,424,069)
21	ITC Amortized	(2,138,043)				(2,138,043)
22	Tax Credit	(4,569,734)				(4,569,734)
23						
24	Total Tax Expense	107,958,386	9,190,518	7,862,998	17,053,515	90,904,871
25	Gross up factor	1.32616321	1.32616321	1.32616321		
26	Gross Total Tax Expense	143,170,440	12,188,126	10,427,618	22,615,744	120,554,696
27						
28	Cost of Sales	(0)				(0)
29	O&M	666,720,082	12,144,788	12,344,357	24,489,145	642,230,937
30	Depreciation and Amortization	620,379,160	37,342,441	27,000,901	64,343,342	556,035,818
31	TOTI	189,133,101				189,133,101
32	<u>Total Operating Expenses</u>	1,476,232,342	49,487,229	39,345,258	88,832,487	1,387,399,856
33						
34	Operating Deductions	1,619,402,783	61,675,355	49,772,876	111,448,231	1,507,954,552
35						
36	Revenue Credit	43,267,689				43,267,689
37	Gains/Loses	(21)				(21)
38	AFUDC	15,279,674	41,440	21,833	63,273	15,216,401
39	Required Operating Income	1,560,855,399	61,633,915	49,751,043	111,384,958	1,449,470,441
40						
41	Total Revenue Requirement	2,298,412,479	109,588,624	90,923,801	200,512,424	2,097,900,055
42	Operating Revenue	1,832,142,403	118,246,151	(0)	118,246,151	1,713,896,252
43	Revenue Deficiency/Excess	466,270,076	(8,657,528)	90,923,801	82,266,273	384,003,803
Retail Rate Revenue						1,832,142,403
Less: Street Light Maintenance Revenue Adjust						550,974
Less: Street Light Maintenance Revenue						2,580,882
Plus: Energy Affordability Program						6,922,978
Rider Applicable Revenue						1,835,933,525
GRSA						20.92%
Present GRSA						
Total GRSA						20.92%
<u>Wind GRSA-E Calculation</u>						
GRSA-E Revenue Requirement						82,266,273
2022 Billing Units (kWh)						29,425,826,489
Wind GRSA-E (\$/kWh)						\$0.00280/kWh

Line No.	Service Level	Billed volumes	Rush Creek GRSA -E (\$/kWh)	Loss Factor	Adjusted Billed volumes	Adjusted Rush Creek GRSA -E (\$/kWh)
1	Secondary	22,716,220,853	\$0.00280/kWh	1.0460	23,761,167,012	\$0.00292/kWh
2	Primary	3,644,106,856	\$0.00280/kWh	1.0207	3,719,539,868	\$0.00285/kWh
3	Transmission	1,945,119,609	\$0.00280/kWh	1.0000	1,945,119,609	\$0.00280/kWh
		28,305,447,318			29,425,826,489	

Line No.	PSC-1Y-300 DEF RR	PSCO Electric
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Rush Creek	Cheyenne Ridge	Total GRSA-E Reve Req
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PSCO Net of RCW and CRW

Volumetric GRSA for R & C

R Class

GRSA Applicable Revenue	818,771,210
GRSA	20.92%
GRSA Revenue	171,254,163
kWh Sales	9,624,628,133
Equivalent Volumetric GRSA	\$0.01779/kWh
Plus GRSA-E	\$0.00292/kWh
Total GRSA-E	\$0.02071/kWh

C-Class

GRSA Applicable Revenue	99,439,752
GRSA	20.92%
GRSA Revenue	20,798,816
kWh Sales	1,294,825,826
Equivalent Volumetric GRSA	\$0.01606/kWh
Plus GRSA-E	\$0.00292/kWh
Total GRSA-E	\$0.01898/kWh

Public Service Company of Colorado
Electric Base Rate Revenue Rebill
For the Twelve Months Ended December 31, 2022

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
1	<u>Residential Service</u>			
2				
3	R	Service & Facility Charge	13,498,048 Bills	
4		Service & Facility Charge - PV Production Meter	- Bills	
5		Service & Facility Charge - Load Meter	- Bills	
6		Energy Charge - Summer Tier 1	1,729,383,921 kWh	128 kWh
7		Energy Charge - Summer Tier 2	1,189,574,892 kWh	88 kWh
8		Energy Charge - Winter	5,081,130,645 kWh	376 kWh
9		Energy Charge - Medical Exemption	3,345,029 kWh	
10		Total	8,003,434,487 kWh	593 kWh
11				
12	RD	Service & Facility Charge	12,696 Bills	
13		Service & Facility Charge - PV Production Meter	- Bills	
14		Service & Facility Charge - Load Meter	- Bills	
15		Demand Charge - Summer	38,832 kW	
16		Demand Charge - Winter	104,744 kW	
17		Energy Charge	30,460,253 kWh	
18		Total	30,460,253 kWh	
19				
20	RETOU	Service & Facility Charge	2,353,628 Bills	
21		Service & Facility Charge - PV Production Meter	- Bills	
22		Energy Charge - On Peak - Summer	92,884,688 kWh	
23		Energy Charge - Off Peak - Summer	482,296,535 kWh	
24		Energy Charge - Shoulder - Summer	53,840,700 kWh	
25		Energy Charge - On Peak - Winter	119,619,132 kWh	
26		Energy Charge - Off Peak - Winter	684,769,093 kWh	
27		Energy Charge - Shoulder - Winter	78,743,293 kWh	
28		Total	1,512,153,441 kWh	
29				
30	RDTDR	Service & Facility Charge	26,747 Bills	
31		Service & Facility Charge - PV Production Meter	- Bills	
32		Demand Charge - Distribution	94,509 kW	
33		Demand Charge - G&T Summer	24,477 kW	
34		Demand Charge - G&T Winter	40,751 kW	
35		Energy Charge	14,019,952 kWh	
36		Total	14,019,952 kWh	
37				
38	ROO	Service & Facility Charge	204 Bills	
39		Service & Facility Charge - PV Production Meter	- Bills	
40		Service & Facility Charge - Load Meter	- Bills	
41		Energy Charge - Summer	21,520,000 kWh	
42		Energy Charge - Winter	43,040,000 kWh	
43		Total	64,560,000 kWh	
44				
45		Total Residential Service	9,624,628,133 kWh	713 kWh
46				
47	<u>Commercial & Industrial Service</u>			
48				
49	<u>Small Commercial Service</u>			
50				
51	C	Service & Facility Charge	1,368,824 Bills	
52		Service & Facility Charge - PV Production Meter	- Bills	
53		Service & Facility Charge - Load Meter	- Bills	
54		Energy Charge - Summer	450,510,491 kWh	329 kWh
55		Energy Charge - Winter	820,564,078 kWh	599 kWh
56		Total	1,271,074,568 kWh	929 kWh
57				
58	NMTR	Service & Facility Charge	9,471 Bills	
59		Energy Charge - Summer	8,309,830 kWh	
60		Energy Charge - Winter	15,441,428 kWh	
61		Total	23,751,257 kWh	
62				
63		Total Small Commercial Service	1,294,825,826 kWh	939 kWh

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
64				

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
65	Commercial & Industrial - General Service			
66				
67	SGL	Service & Facility Charge	5,627 Bills	
68		Service & Facility Charge - PV Production Meter	- Bills	
69		Demand Charge - Distribution	167,985 kW	
70		Energy Charge - Summer	1,912,672 kWh	
71		Energy Charge - Winter	3,492,381 kWh	
72		Total	5,405,053 kWh	
73				
74	SG	Service & Facility Charge	516,709 Bills	
75		Service & Facility Charge - PV Production Meter	- Bills	
76		Service & Facility Charge - Load Meter	- Bills	
77		Demand Charge - Distribution	31,842,063 kW	62 kW-mo
78		Demand Charge - G&T Summer	11,563,327 kW	22 kW-mo
79		Demand Charge - G&T Winter	19,530,684 kW	38 kW-mo
80		Energy Charge	11,471,059,662 kWh	22,200 kWh
81		Total	11,471,059,662 kWh	
82				
83	S EV	Service & Facility Charge	276 Bills	
84		Demand Charge - Distribution	82,610 kW	
85		Energy Charge - On Peak - Summer	817,398 kWh	
86		Energy Charge - Off Peak - Summer	1,377,293 kWh	
87		Energy Charge - On Peak - Winter	1,642,114 kWh	
88		Energy Charge - Off Peak - Winter	2,677,186 kWh	
89		Energy Charge - Critical Peak	- kWh	
90		Total	6,513,992 kWh	
91				
92	SGCPP	Service & Facility Charge	264 Bills	
93		Demand Charge - Distribution	106,350 kW	
94		Demand Charge - G&T	102,099 kW	
95		Energy Charge - Critical Peak	- kWh	
96		Energy Charge - Non-Critical Peak	35,551,614 kWh	
97		Total	35,551,614 kWh	
98				
99	STOU	Service & Facility Charge	24 Bills	
100		Demand Charge - Distribution	21,455 kW	
101		Energy Charge - On Peak	445,168 kWh	
102		Energy Charge - Off Peak	5,168,807 kWh	
103		Total	5,613,975 kWh	
104				
105	SPVTOU A	Service & Facility Charge	2,570 Bills	
106		Service & Facility Charge - PV Production Meter	- Bills	
107		Demand Charge - Distribution	395,564 kW	
108		Energy Charge - On Peak	7,571,270 kWh	
109		Energy Charge - Off Peak	96,166,093 kWh	
110		Total	103,737,363 kWh	
111				
112	SPVTOUA B	Service & Facility Charge	- Bills	
113		Service & Facility Charge - PV Production Meter	- Bills	
114		Demand Charge - Distribution	- kW	
115		Demand Charge - G&T Summer	- kW	
116		Demand Charge - G&T Winter	- kW	
117		Energy Charge - On Peak	- kWh	
118		Energy Charge - Off Peak	- kWh	
119		Total	- kWh	
120				
121	RE SG	Service & Facility Charge	- Bills	
122		Service & Facility Charge - PV Production Meter	- Bills	
123		Distribution Standby Capacity Fee	- kW	
124		G&T Standby Capacity Reservation Fee	- kW	
125		Usage Demand - Summer	- kW	
126		Usage Demand - Winter	- kW	
127		Energy Charge	- kWh	
128		Total	- kWh	
129				
130	PG	Service & Facility Charge	6,950 Bills	
131		Service & Facility Charge - PV Production Meter	- Bills	
132		Service & Facility Charge - Load Meter	- Bills	
133		Demand Charge - Distribution	6,805,901 kW	979 kW-mo

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
134		Demand Charge - G&T Summer	2,236,795 kW	322 kW-mo
135		Demand Charge - G&T Winter	4,017,168 kW	578 kW-mo
136		Energy Charge	3,238,341,298 kWh	465,948 kWh
137		Total	3,238,341,298 kWh	

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
138				
139	PGCPP	Service & Facility Charge	156 Bills	
140		Demand Charge - Distribution	604,360 kW	
141		Demand Charge - G&T	552,574 kW	
142		Energy Charge - Critical Peak	- kWh	
143		Energy Charge - Non-Critical Peak	251,661,071 kWh	
144	Total		251,661,071 kWh	
145				
146	PTOU	Service & Facility Charge	24 Bills	
147		Demand Charge - Distribution	145,991 kW	
148		Energy Charge - On Peak	1,718,247 kWh	
149		Energy Charge - Off Peak	35,190,701 kWh	
150	Total		36,908,948 kWh	
151				
152	RE PG	Service & Facility Charge	- Bills	
153		Service & Facility Charge - PV Production Meter	- Bills	
154		Distribution Standby Capacity Fee	- kW	
155		G&T Standby Capacity Reservation Fee	- kW	
156		Usage Demand - Summer	- kW	
157		Usage Demand - Winter	- kW	
158		Energy Charge	- kWh	
159	Total		- kWh	
160				
161	TG	Service & Facility Charge - 020	12 Bills	
162		Service & Facility Charge - 030	12 Bills	
163		Service & Facility Charge - 040	12 Bills	
164		Service & Facility Charge - 200	12 Bills	
165		Service & Facility Charge - 250	12 Bills	
166		Service & Facility Charge - 260	12 Bills	
167		Service & Facility Charge - 270	12 Bills	
168		Service & Facility Charge - 330	12 Bills	
169		Service & Facility Charge - 370	12 Bills	
170		Service & Facility Charge - 380	12 Bills	
171		Service & Facility Charge - 410	12 Bills	
172		Service & Facility Charge - 420	12 Bills	
173		Service & Facility Charge - 520	12 Bills	
174		Service & Facility Charge - 530	12 Bills	
175		Service & Facility Charge - 540	12 Bills	
176		Service & Facility Charge - 550	12 Bills	
177		Service & Facility Charge - 570	- Bills	
178		Service & Facility Charge - 580	12 Bills	
179		Service & Facility Charge - 600	12 Bills	
180		Service & Facility Charge - 620	12 Bills	
181	Service & Facility Charge - 650	12 Bills		
182	Service & Facility Charge - 660	12 Bills		
183	Service & Facility Charge - 670	12 Bills		
184	Service & Facility Charge - 800 - PV Production Me	- Bills		
185	Demand Charge - Summer	1,618,305 kW	6,130 kW-mo	
186	Demand Charge - Winter	3,236,878 kW	12,261 kW-mo	
187	Energy Charge	1,838,062,252 kWh	6,962,357 kWh	
188	Total		1,838,062,252 kWh	
189				
190	TGCPP	Service & Facility Charge	- Bills	
191		Demand Charge - G&T	- kW	
192		Energy Charge - Critical Peak	- kWh	
193		Energy Charge - Non-Critical Peak	- kWh	
194	Total		- kWh	
195				
196	TTOU	Service & Facility Charge	- Bills	
197		Energy Charge - On Peak	- kWh	
198		Energy Charge - Off Peak	- kWh	
199	Total		- kWh	
200				
201	Total Commercial & Industrial - General Service		16,992,855,228 kWh	
202				

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
203	<u>Commercial & Industrial - Special Contract Service</u>			
204				
205	SCS-7	Service & Facility Charge	600 Bills	
206		Transmission & Distribution Demand Charge	364,755 kW	
207		Production Demand Charge - Summer	74,291 kW	
208		Production Demand Charge - Winter	143,485 kW	
209		Energy Charge	84,590,248 kWh	
210	Total		84,590,248 kWh	
211				
212	SCS-8	Service & Facility Charge	36 Bills	
213		Transmission Demand Charge	93,961 kW	
214		Production Demand Charge - Summer	24,078 kW	
215		Production Demand Charge - Winter	51,534 kW	
216		Energy Charge	34,039,507 kWh	
217	Total		34,039,507 kWh	
218				
219	Total Commercial & Industrial - Special Contract Service		118,629,755 kWh	
220				
221	<u>Commercial & Industrial - Standby Service</u>			
222				
223	SST	Service & Facility Charge	- Bills	
224		Service & Facility Charge - PV Production Meter	- Bills	
225		Distribution Standby Capacity Fee	12 kW	
226		G&T Standby Capacity Reservation Fee - Summer	4 kW	
227		G&T Standby Capacity Reservation Fee - Winter	8 kW	
228		Usage Demand Charge - Summer	- kW	
229		Usage Demand Charge - Winter	- kW	
230		Energy Charge	5 kWh	
231	Total		5 kWh	
232				
233	PST	Service & Facility Charge	48 Bills	
234		Service & Facility Charge - PV Production Meter	- Bills	
235		Distribution Standby Capacity Fee	396,068 kW	
236		G&T Standby Capacity Reservation Fee - Summer	129,991 kW	
237		G&T Standby Capacity Reservation Fee - Winter	266,077 kW	
238		Usage Demand Charge - Summer	- kW	
239		Usage Demand Charge - Winter	- kW	
240		Energy Charge	32,605,291 kWh	
241	Total		32,605,291 kWh	
242				
243	TST	Service & Facility Charge - 210	12 Bills	
244		Service & Facility Charge - 220	12 Bills	
245		Service & Facility Charge - 230	12 Bills	
246		Service & Facility Charge - 390	12 Bills	
247		Service & Facility Charge - 430	12 Bills	
248		Service & Facility Charge - 440	- Bills	
249		Service & Facility Charge - 450	12 Bills	
250		Service & Facility Charge - 460	12 Bills	
251		Service & Facility Charge - 480	12 Bills	
252		Service & Facility Charge - 490	12 Bills	
253		Service & Facility Charge - 550	12 Bills	
254		Service & Facility Charge - 560	12 Bills	
255		Service & Facility Charge - 610	12 Bills	
256		Service & Facility Charge - 630	12 Bills	
257		Service & Facility Charge - 640	12 Bills	
258		Interconnection Charges - 210	12 Bills	
259		Interconnection Charges - 220	12 Bills	
260		Interconnection Charges - 230	12 Bills	
261		Interconnection Charges - 390	12 Bills	
262		Interconnection Charges - 430	12 Bills	
263		Interconnection Charges - 440	- Bills	
264		Interconnection Charges - 450	12 Bills	
265		G&T Standby Capacity Reservation Fee - Summer	127,742 kW	
266		G&T Standby Capacity Reservation Fee - Winter	258,034 kW	
267		Usage Demand Charge - Summer	- kW	
268		Usage Demand Charge - Winter	- kW	
269		Energy Charge	73,017,849 kWh	
270	Total		73,017,849 kWh	

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
271				
272	Total Commercial & Industrial - Standby Service		105,623,145 kWh	
273				
274	Total Commercial & Industrial Service		18,511,933,954 kWh	

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
275				
276	<u>Lighting Service</u>			
277				
278	<u>Street and Area Lighting</u>			
279				
280	RAL	010	53,423	Light-Mo
281		020	450	Light-Mo
282		030	83	Light-Mo
283		510	-	Light-Mo
284		520	-	Light-Mo
285		530	-	Light-Mo
286		610	-	Light-Mo
287		620	-	Light-Mo
288		630	-	Light-Mo
289	Total		2,280,635	kWh
290				
291				
292	CAL	010	185,876	Light-Mo
293		020	8,296	Light-Mo
294		030	2,708	Light-Mo
295		510	-	Light-Mo
296		520	-	Light-Mo
297		530	10	Light-Mo
298		610	14	Light-Mo
299		620	20	Light-Mo
300		630	38	Light-Mo
301	Total		9,513,978	kWh
302				
303				
304	PLL	010	30,204	Light-Mo
305		020	1,936	Light-Mo
306		030	4,643	Light-Mo
307		040	14,466	Light-Mo
308		050	9,967	Light-Mo
309		510	9	Light-Mo
310		520	-	Light-Mo
311		530	-	Light-Mo
312		540	-	Light-Mo
313		610	14	Light-Mo
314		620	-	Light-Mo
315		630	20	Light-Mo
316		640	38	Light-Mo
317	Total		4,323,090	kWh
318				
319				
320	SL	010	14,955	Light-Mo
321		020	95,466	Light-Mo
322		030	453,575	Light-Mo
323		040	24,753	Light-Mo
324		050	38,741	Light-Mo
325		060	327,786	Light-Mo
326		070	43,323	Light-Mo
327		080	11,981	Light-Mo
328		100	108	Light-Mo
329		110	11,957	Light-Mo
330		120	39,854	Light-Mo
331		130	22,931	Light-Mo
332		140	7,102	Light-Mo
333		150	324	Light-Mo
334		160	6,719	Light-Mo
335		170	-	Light-Mo
336		180	2,280	Light-Mo
337		210	108	Light-Mo
338		220	18,012	Light-Mo
339		310	120	Light-Mo
340		320	84	Light-Mo
341		330	1,032	Light-Mo
342		340	156	Light-Mo

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
343	350		1,959	Light-Mo
344	410		-	Light-Mo
345	420		1,961	Light-Mo
346	430		156	Light-Mo
347	440		-	Light-Mo
348	450		1,642	Light-Mo
349	510		10,155	Light-Mo
350	520		64,850	Light-Mo
351	525		307,977	Light-Mo
352	530		17,461	Light-Mo
353	540		26,345	Light-Mo
354	550		222,783	Light-Mo
355	560		29,416	Light-Mo
356	570		8,135	Light-Mo
357	610		2,522	Light-Mo
358	620		127,424	Light-Mo
359	625		9	Light-Mo
360	630		18,997	Light-Mo
361	640		115,556	Light-Mo
362	650		12,537	Light-Mo
363	660		-	Light-Mo
364	670		-	Light-Mo
365	710		982	Light-Mo
366	720		18,917	Light-Mo
367	725		-	Light-Mo
368	730		13,624	Light-Mo
369	740		11,641	Light-Mo
370	750		5,948	Light-Mo
371	760		-	Light-Mo
372	770		-	Light-Mo
373	Total		122,509,476	kWh
374				
375				
376	SSL	010	156	Light-Mo
377	Total		7,337	kWh
378				
379				
380	COL	002	-	Light-Mo
381		005	-	Light-Mo
382		010	350	Light-Mo
383		020	2,872	Light-Mo
384		030	20	Light-Mo
385		040	2,485	Light-Mo
386		050	30	Light-Mo
387		060	13,906	Light-Mo
388		070	8,029	Light-Mo
389		100	-	Light-Mo
390		102	-	Light-Mo
391		104	-	Light-Mo
392		106	-	Light-Mo
393		108	-	Light-Mo
394		110	288	Light-Mo
395		160	-	Light-Mo
396		170	-	Light-Mo
397		180	-	Light-Mo
398		200	-	Light-Mo
399		202	-	Light-Mo
400		204	-	Light-Mo
401		210	6,396	Light-Mo
402		220	-	Light-Mo
403		300	-	Light-Mo
404		302	-	Light-Mo
405		304	-	Light-Mo
406		310	4,704	Light-Mo
407		320	-	Light-Mo
408		410	-	Light-Mo
409		420	-	Light-Mo
410	Total		7,558,553	kWh
411				

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
412				
413	ESL	001	-	Light-Mo
414		002	24	Light-Mo
415		003	2,384	Light-Mo
416		004	344	Light-Mo
417		005	1,408	Light-Mo
418		006	432	Light-Mo
419		007	2,408	Light-Mo
420		008	96	Light-Mo
421		009	226	Light-Mo
422		010	2,402	Light-Mo
423		011	1,128	Light-Mo
424		012	-	Light-Mo
425		013	235	Light-Mo
426		014	7,785	Light-Mo
427		015	-	Light-Mo
428		016	96	Light-Mo
429		017	-	Light-Mo
430		018	183	Light-Mo
431		019	-	Light-Mo
432		020	180	Light-Mo
433		021	-	Light-Mo
434		022	-	Light-Mo
435		023	-	Light-Mo
436		024	1,165	Light-Mo
437		025	897	Light-Mo
438		026	-	Light-Mo
439		027	1,154	Light-Mo
440		028	-	Light-Mo
441		029	140	Light-Mo
442		030	1,404	Light-Mo
443		031	-	Light-Mo
444		032	-	Light-Mo
445		033	-	Light-Mo
446		034	2,000	Light-Mo
447		035	774	Light-Mo
448		036	-	Light-Mo
449		037	-	Light-Mo
450		038	-	Light-Mo
451		039	-	Light-Mo
452		040	-	Light-Mo
453		041	384	Light-Mo
454		042	-	Light-Mo
455		043	-	Light-Mo
456		044	-	Light-Mo
457		045	-	Light-Mo
458		046	-	Light-Mo
459		047	-	Light-Mo
460		048	-	Light-Mo
461		049	-	Light-Mo
462		050	-	Light-Mo
463		051	-	Light-Mo
464		052	-	Light-Mo
465		053	122	Light-Mo
466		054	-	Light-Mo
467		055	-	Light-Mo
468		056	1,135	Light-Mo
469		057	-	Light-Mo
470		058	1,361	Light-Mo
471	Total		-	kWh
472				
473				
474	SLU	010	568,741	Light-Mo
475		510	53,814	Light-Mo
476		610	-	Light-Mo
477	Total		3,360,969	kWh
478				
479				
480	MSL	Service & Facility Charge	1,908	Bills

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
481		Energy Charge	405,702 kWh	
482		Total	405,702 kWh	
483				
484		Street Light Maintenance Charges		
485				
486		Municipal Service Charges	1,523,264 Light-Mo	
487				
488		Total Street and Area Lighting Service	149,959,741 kWh	
489				
490		Traffic Signal Lighting Service		
491				
492	TSL	1W	1,799 Watt-Mo	
493		2W	2,040 Watt-Mo	
494		5W	6,031 Watt-Mo	
495		6W	158,709 Watt-Mo	
496		7W	51,849 Watt-Mo	
497		8W	69,448 Watt-Mo	
498		9W	121,070 Watt-Mo	
499		10W	93,325 Watt-Mo	
500		10.5W	617 Watt-Mo	
501		11W	74,752 Watt-Mo	
502		12W	99,399 Watt-Mo	
503		12.5W	81,339 Watt-Mo	
504		13W	30,467 Watt-Mo	
505		14W	103,703 Watt-Mo	
506		15W	15,918 Watt-Mo	
507		16W	30,891 Watt-Mo	
508		17W	11,874 Watt-Mo	
509		18W	24,292 Watt-Mo	
510		19W	56,321 Watt-Mo	
511		20W	3,620 Watt-Mo	
512		22W	2,261 Watt-Mo	
513		24W	22,488 Watt-Mo	
514		25W	26,285 Watt-Mo	
515		27W	1,186 Watt-Mo	
516		28W	303 Watt-Mo	
517		30W	586 Watt-Mo	
518		32W	1,852 Watt-Mo	
519		40W	335 Watt-Mo	
520		50W	2,117 Watt-Mo	
521		60W	8,874 Watt-Mo	
522		65W	42 Watt-Mo	
523		67W	2,260 Watt-Mo	
524		68W	6,308 Watt-Mo	
525		69W	296,392 Watt-Mo	
526		75W	471 Watt-Mo	
527		80W	534 Watt-Mo	
528		90W	1,486 Watt-Mo	
529		100W	6,169 Watt-Mo	
530		113W	942 Watt-Mo	
531		115W	63 Watt-Mo	
532		116W	56,613 Watt-Mo	
533		120W	2,523 Watt-Mo	
534		135W	7,229 Watt-Mo	
535		150W	157,547 Watt-Mo	
536		240W	188 Watt-Mo	
537		300W	1,182 Watt-Mo	
538		400W	743 Watt-Mo	
539		Total	17,651,290 kWh	
540				
541				
542	MI	Service & Facility Charge	5,184 Bills	
543		Energy Charge	1,274,204 kWh	
544		Total	1,274,204 kWh	
545				
546		Total Traffic Light Signal Lighting Service	18,925,495 kWh	
547				
548		Total Lighting Service	168,885,236 kWh	

Line No.	Rate Schedule	Charge	WN Adjusted Billing Units	Monthly Average
549				
550	Pro Forma Retail Base Rate Revenue		28,305,447,323 kWh	

Quarterly ECA Rate Calculation
May 27, 2020

2021 Quarterly ECA Rate Projection

		3rd QTR 2021		
		July	August	September
1	Total Fuel and Purch Energy, Wheeling (\$,000)	98,969	96,093	80,863
2	Retail Alloc (see Pg 3)	92.72%	92.72%	92.72%
3	Retail Energy Cost (\$,000)	91,763	89,097	74,975
4				
5	Quarter Costs		\$ 255,835,000	
6	Cheyenne Ridge Revenue Requirement		\$ 22,879,347	
7	Owned Wind PTC		\$ (32,717,988)	
8	Rush Creek Capital Cost Sharing		\$ 597,977	
9	RESA - Average Total Incremental Credit		\$ (2,866,285)	
10	Deferred Tax Asset (DTA)		\$ 678,513	
11	2021 R*C subscription payment		\$ 1,192,068	
12	2020 Short Term Margin Sharing		\$ (2,918,514)	
13	2020 CACJA True-Up		\$ (155,558)	
14	IVVO Energy Reduction Benefit		\$ 252,895	
15	Deferred Balance		\$ 42,240,588	
16	Total		\$ 285,018,042	
17	Quarter Sales			
18	@ Trans voltage (See Pg 3)		8,411,707,179	
19				
20	Total		8,411,707,179	

TOU Rates		On-Peak	Off-Peak	Standard
22	ECA Standard Rate	Secondary	--	0.03544
23	Mandatory	RE-TOU/R-OO	--	56.82%
24	Mandatory	RD-TDR	0.04217	0.02423
25	Mandatory	S-EV	0.04254	0.02975
26	Optional	Secondary	0.04668	0.02667
27	Mandatory	Primary	0.04656	0.02661
28	Mandatory	Transmission	0.04610	0.02634
29				

<u>Short-Term Margin Sharing Calculation</u>		<u>2020</u>
32	2020 Retail Prop Book Margin	\$ (596,327)
33	2020 Retail Share Gen Book Margin	\$ (8,159,217)
34	Total Short-Term Margin Sharing	\$ (8,755,543)
35	Quarterly Short-Term Margin Sharing (Total/3)	\$ (2,918,514)
36		

**Quarterly ECA Rate Calculation
 May 27, 2020**

2021 Quarterly ECA Rate Projection

		3rd QTR 2021		
		July	August	September
1	Total Fuel and Purch Energy, Wheeling (\$,000)	98,969	96,093	80,863
2	Retail Alloc (see Pg 3)	92.72%	92.72%	92.72%
3	Retail Energy Cost (\$,000)	91,763	89,097	74,975
4				
5	Quarter Costs		\$ 255,835,000	
6	Cheyenne Ridge Revenue Requirement		\$ 895,101	
7	Owned Wind PTC		\$ (32,717,988)	
8	Rush Creek Capital Cost Sharing		\$ 597,977	
9	RESA - Average Total Incremental Credit		\$ (2,866,285)	
10	Deferred Tax Asset (DTA)		\$ 678,513	
11	2021 R*C subscription payment		\$ 1,192,068	
12	2020 Short Term Margin Sharing		\$ (2,918,514)	
13	2020 CACJA True-Up		\$ (155,558)	
14	IVVO Energy Reduction Benefit		\$ 252,895	
15	Deferred Balance		\$ 42,240,588	
16	Total		\$ 263,033,797	
17	Quarter Sales			
18	@ Trans voltage (See Pg 3)		8,411,707,179	
19				
20	Total		8,411,707,179	

TOU Rates		On-Peak	Off-Peak	Standard
22	ECA Standard Rate	Secondary	--	0.03271
23	Mandatory	RE-TOU/R-OO	--	52.45%
24	Mandatory	RD-TDR	0.03892	0.02237
25	Mandatory	S-EV	0.03927	0.02746
26	Optional	Secondary	0.04308	0.02462
27	Mandatory	Primary	0.04298	0.02456
28	Mandatory	Transmission	0.04255	0.02431
29				

<u>Short-Term Margin Sharing Calculation</u>		<u>2020</u>
32	2020 Retail Prop Book Margin	\$ (596,327)
33	2020 Retail Share Gen Book Margin	\$ (8,159,217)
34	Total Short-Term Margin Sharing	\$ (8,755,543)
35	Quarterly Short-Term Margin Sharing (Total/3)	\$ (2,918,514)
36		

Public Service Company of Colorado
 Electric Department
 Proposed Rider Summary
 2021 Forecast
 Electric Rate Case

2021 Forecast

TCA Rate Design
 Page 6 of 11

Line No.	Rate Schedule	Applicable Charge	Monthly Rider Rate
1	<u>Residential Service</u>		
2			
3	R	Energy Charge	\$ (0.00042) / kWh
4			
5	RD	Demand Charge	\$ (0.04) / kW-Mo
6			
7	RD-TDR	Demand Charge	\$ (0.09) / kW-Mo
8			
9	RE-TOU, R-OO	% of Base Energy Rate	-0.67% Pct. Based Rider
10			
11	<u>Small Commercial Service</u>		
12			
13	C, NMTR	Energy Charge	\$ (0.00038) / kWh
14			
15			
16	<u>Commercial & Industrial General Service</u>		
17			
18	SGL	Energy Charge	\$ (0.00162) / kWh
19			
20	S-EV	Energy Charge	\$ (0.00118) / kWh
21			
22	SG, STOU, SPVTOU		
23	SG-CPP	Demand Charge	\$ (0.13) / kW-Mo
24			
25	PG, PTOU, PG-CPP	Demand Charge	\$ (0.12) / kW-Mo
26			
27	TG, TTOU, TG-CPP	Demand Charge	\$ (0.11) / kW-Mo
28			
29			
30	<u>Special Contract Service</u>		
31			
32	SCS-7	Production Demand Charge	\$ (0.12) / kW-Mo
33	SCS-8	Production Demand Charge	\$ (0.11) / kW-Mo
34			
35	<u>Standby Service and Recycled Energy</u>		
36			
37	SST	Gen Standby Capacity Reservation Fee	\$ (0.02) / kW-Mo
38		Usage Demand Charge	\$ (0.11) / kW-Mo
39			
40	PST	Gen Standby Capacity Reservation Fee	\$ (0.01) / kW-Mo
41		Usage Demand Charge	\$ (0.11) / kW-Mo
42			
43	TST	Gen Standby Capacity Reservation Fee	\$ (0.01) / kW-Mo
44		Usage Demand Charge	\$ (0.10) / kW-Mo
45			
46			
47	<u>Lighting Service</u>		
48			
49	RAL, CAL, PLL, SL, MSL		
50	ESL, SSL, COL, SLU	Energy Charge	\$ (0.00019) / kWh
51			
52	TSL, MI	Energy Charge	\$ (0.00021) / kWh