

**Public Service Company of Colorado
 Electric Department
 Customer Impact Study - Current Electric Rates with RDA Change**

Customer Class	Current Rates	RDA 3% Soft Cap	Monthly Average Summer	Monthly Current Bill	Monthly Proposed Bill	Monthly Difference \$	Monthly Difference %
Residential - Schedule R							
Service and Facility Charge	\$ 5.47	\$ 5.47		\$ 5.47	\$ 5.47	\$ -	
Energy Charge - Tier 1	\$ 0.05461 /kWh	\$ 0.05461 /kWh	399 kWh	21.76	21.76	-	
Energy Charge - Tier 2	\$ 0.09902 /kWh	\$ 0.09902 /kWh	279 kWh	27.62	27.62	-	
Subtotal			677 kWh	\$ 54.85	\$ 54.85	\$ -	0.00%
GRSA-E	\$0.00876	\$0.00876		5.93	5.93	-	
RDA	\$0.00000 /kWh	-\$0.00458 /kWh	399 kWh	-	(1.83)	\$(1.83)	
Base Rate Amount				\$ 60.78	\$ 58.96	\$(1.83)	-3.00%
DSMCA	\$ 0.00193 /kWh	\$ 0.00193 /kWh		\$ 1.31	\$ 1.31	\$ -	
PCCA	\$ 0.00415 /kWh	\$ 0.00415 /kWh		\$ 2.81	\$ 2.81	\$ -	
CACJA	\$ (0.00009) /kWh	\$ (0.00009) /kWh		\$ (0.06)	\$ (0.06)	\$ -	
TCA	\$ 0.00108 /kWh	\$ 0.00108 /kWh		\$ 0.73	\$ 0.73	\$ -	
TEPA	\$ 0.00046 /kWh	\$ 0.00046 /kWh		\$ 0.18	\$ 0.18	\$ -	
ECA - Secondary	\$ 0.03199 /kWh	\$ 0.03199 /kWh		\$ 21.67	\$ 21.67	\$ -	
Subtotal Base Rate Adjustments				\$ 26.64	\$ 26.64	\$ -	
Total Bill Subtotal				\$ 87.43	\$ 85.60	\$(1.83)	-2.09%
RESA / CEPA	2.00%	2.00%		\$ 1.75	\$ 1.71	\$(0.04)	
Total Bill				\$ 89.18	\$ 87.31	\$(1.87)	-2.09%

Total 2021/22	RDA Rate	Summer Tier 1 Volumes	2021 Residential Decoupling Cap
	-\$0.00458	2,072,122,341 kWh	-\$9,490,320

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Residential - Schedule RE-TOU							
Service and Facility Charge	\$ 5.47	\$ 5.47		\$ 5.47	\$ 5.47	\$ -	
Energy Charge - On-Peak	\$ 0.13681 /kWh	\$ 0.13681 /kWh	75 kWh	10.25	10.25	-	
Energy Charge - Off-Peak	\$ 0.05134 /kWh	\$ 0.05134 /kWh	265 kWh	13.59	13.59	-	
Energy Charge - Shoulder	\$ 0.09497 /kWh	\$ 0.09497 /kWh	234 kWh	22.21	22.21	-	
Subtotal			573 kWh	\$ 51.52	\$ 51.52	\$ -	0.00%
GRSA-E	\$0.00876	\$0.00876		5.02	5.02	-	
RDA	\$0.00000 /kWh	-\$0.00641 /kWh	265 kWh	-	(1.70)	\$(1.70)	
Base Rate Amount				\$ 56.54	\$ 54.85	\$(1.70)	-3.00%
DSMCA	3.09%	3.09%		\$ 1.59	\$ 1.59	\$ -	
PCCA	6.65%	6.65%		\$ 3.43	\$ 3.43	\$ -	
CACJA	-0.14%	-0.14%		\$ (0.07)	\$ (0.07)	\$ -	
TCA	1.73%	1.73%		\$ 0.89	\$ 0.89	\$ -	
TEPA	0.74%	0.74%		\$ 0.38	\$ 0.38	\$ -	
ECA - Secondary	51.29%	51.29%		\$ 26.42	\$ 26.42	\$ -	
Subtotal Base Rate Adjustments				\$ 32.64	\$ 32.64	\$ -	
Total Bill Subtotal				\$ 89.18	\$ 87.49	\$(1.70)	-1.90%
RESA / CEPA	2.00%	2.00%		\$ 1.78	\$ 1.75	\$(0.03)	
Total Bill				\$ 90.96	\$ 89.24	\$(1.73)	-1.90%

Total	RDA Rate	Summer Off-Peak Volumes	2021 Residential Decoupling Cap
2021/22	-\$0.00641	7,281,069 kWh	-\$46,672

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Residential - Schedule R-OO							
Service and Facility Charge	\$ 5.47	\$ 5.47		\$ 5.47	\$ 5.47	\$ -	
Energy Charge - Summer	\$0.07240 /kWh	\$ 0.07240 /kWh	573 kWh	41.52	41.52	-	
Subtotal			573 kWh	\$ 46.99	\$ 46.99	\$ -	0.00%
GRSA-E	\$0.00876	\$0.00876		5.02	5.02	-	
RDA	\$0.00000 /kWh	-\$0.00272 /kWh	573 kWh	-	(1.56)	\$(1.56)	
Base Rate Amount				\$ 52.01	\$ 50.45	\$(1.56)	-3.00%
DSMCA	3.09%	3.09%		\$ 1.45	\$ 1.45	\$ -	
PCCA	6.65%	6.65%		\$ 3.12	\$ 3.12	\$ -	
CACJA	-0.14%	-0.14%		\$ (0.07)	\$ (0.07)	\$ -	
TCA	1.73%	1.73%		\$ 0.81	\$ 0.81	\$ -	
TEPA	0.74%	0.74%		\$ 0.35	\$ 0.35	\$ -	
ECA - Secondary	51.29%	51.29%		\$ 24.10	\$ 24.10	\$ -	
Subtotal Base Rate Adjustments				\$ 29.76	\$ 29.76	\$ -	
Total Bill Subtotal				\$ 81.77	\$ 80.21	\$(1.56)	-1.91%
RESA / CEPA	2.00%	2.00%		\$ 1.64	\$ 1.60	\$(0.04)	
Total Bill				\$ 83.41	\$ 81.81	\$(1.60)	-1.92%

			2021 Residential
Total	RDA Rate	Summer Volumes	Decoupling Cap
2021/22	-\$0.00272	38,996 kWh	-\$106

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Residential - Schedule RD-TDR							
Service and Facility Charge	\$ 5.47	\$ 5.47	23.81% L.F.	\$ 5.47	\$ 5.47	\$ -	
Energy Charge	\$ 0.00461 kWh	\$ 0.00461 kWh	568 kWh	2.62	2.62	-	
Distribution Demand Charge	\$ 3.65 /kW	\$ 3.65 /kW	4.81 kW	17.56	17.56	-	
G & T Demand Charge - Summ	\$ 9.73 /kW	\$ 9.73 /kW	1.19 kW	11.62	11.62	-	
G & T Demand Charge - Winter	\$ 6.81 /kW	\$ 6.81 /kW	2.07 kW	14.11	14.11	-	
Subtotal				\$ 51.38	\$ 51.38	\$ -	0.00%
GRSA-E	\$0.00876	\$0.00876		4.98	4.98	-	
RDA	\$0.00000 /kWh	-\$0.00298 /kWh	568 kWh	-	(1.69)	\$(1.69)	
Base Rate Amount				\$ 56.36	\$ 54.66	\$(1.69)	-3.00%
DSMCA	\$ 0.42 /kW	\$ 0.42 /kW		\$ 1.37	\$ 1.37	\$ -	
PCCA	\$ 0.90 /kW	\$ 0.90 /kW		\$ 2.94	\$ 2.94	\$ -	
CACJA	\$ (0.02) /kW	\$ (0.02) /kW		\$ (0.07)	\$ (0.07)	\$ -	
TCA	\$ 0.23 /kW	\$ 0.23 /kW		\$ 0.75	\$ 0.75	\$ -	
TEPA	\$ 0.10 /kW	\$ 0.10 /kW		\$ 0.33	\$ 0.33	\$ -	
ECA - Secondary	\$ 0.03199 /kWh	\$ 0.03199 /kWh		\$ 18.17	\$ 18.17	\$ -	
Subtotal Base Rate Adjustments				\$ 23.49	\$ 23.49	\$ -	
Total Bill Subtotal				\$ 79.85	\$ 78.15	\$(1.69)	-2.12%
RESA/CEPA	2.00%	2.00%		\$ 1.60	\$ 1.56	\$(0.04)	
Total Bill				\$ 81.45	\$ 79.71	\$(1.73)	-2.13%

Total 2021/22 Refund	RDA Rate	kWh Volumes	2021 Residential Decoupling Cap
	-\$0.00298	14,052,621 kWh	-\$41,877

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	Current Rate	RDA 3% Soft Cap	Monthly Average Usage	Monthly Current Bill	Monthly Bill With RDA	Monthly Difference \$	Monthly Difference %
Commercial - Schedule C							
Service and Facility Charge	\$10.50	\$10.50		\$10.50	\$10.50	\$0.00	
Winter Energy Charge	\$0.085120 /kWh	\$0.085120 /kWh	606 kWh	\$51.58	\$51.58	\$0.00	
Summer Energy Charge	\$0.04256 /kWh	\$0.04256 /kWh	309 kWh	\$13.13	\$13.13	\$0.00	
Subtotal			915	\$75.21	\$75.21	\$0.00	0.00%
GRSA-E	\$0.00865	\$0.00865	915 kWh	\$7.91	\$7.91	\$0.00	
RDA	\$0.00000	\$0.00273	915 kWh	\$0.00	\$2.50	\$2.50	
Base Rate Amount				\$83.12	\$85.62	\$2.50	3.00%
DSMCA	\$ 0.00158 /kWh	\$ 0.00158 /kWh		\$ 1.44	\$ 1.44	\$0.00	
PCCA	\$ 0.00372 /kWh	\$ 0.00372 /kWh		\$ 3.40	\$ 3.40	\$0.00	
CACJA	\$ (0.00008) /kWh	\$ (0.00008) /kWh		\$ (0.07)	\$ (0.07)	\$0.00	
TCA	\$ 0.00097 /kWh	\$ 0.00097 /kWh		\$ 0.89	\$ 0.89	\$0.00	
TEPA	\$ 0.00865 /kWh	\$ 0.00865 /kWh		\$ 7.91	\$ 7.91	\$0.00	
ECA - Secondary	\$ 0.03199 /kWh	\$ 0.03199 /kWh		\$ 29.26	\$ 29.26	\$0.00	
Subtotal Base Rate Adjustments				\$ 42.83	\$ 42.83	\$0.00	
Total Bill Subtotal				\$125.95	\$ 128.45	\$ 2.50	1.98%
RESA / CEPA	2.00%	2.00%		\$ 2.52	\$ 2.57	\$ -	
Total Bill				\$128.47	\$ 131.01	\$ 2.55	1.98%

Total 2021/22 Refund	RDA Rate \$0.00273	Small C Total Volumes 1,247,141,193 kWh	2021 Small C Decoupling Cap \$3,404,695
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Full Detail CFM Format (Cal. Month MWh)		Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
PE_R_Tier_1	R1	484,140	538,289	532,436	488,136	667,629	710,582	883,934	863,598	685,648	752,420	523,077	575,114
PE_R_Tier_2	R2	334,826	425,913	392,376	277,245	0	0	0	0	0	0	0	0
PE_R_Tier_1 EV's	R1 EV's	8,608	6,347	6,724	7,442	10,564	13,452	13,943	0	0	0	0	0
PE_R_Tier_2 EV's	R2 EV's	4,959	5,197	5,141	4,910	0	0	0	0	0	0	0	0
PE_R_OO (NEW)	R OO	5,380	5,380	5,380	5,380	5,380	5,380	5,380	5,380	5,380	5,380	5,380	5,380
PE_RCPP_ONP	RCPP ONP	0	0	0	0	0	0	0	0	0	0	0	0
PE_RCPP_OFF	RCPP OFFP	0	0	0	0	0	0	0	0	0	0	0	0
PE_RD	RD	2,062	1,601	1,335	1,232	1,540	2,688	3,752	4,092	3,536	3,514	2,582	2,368
PE_RDTDR	RDTDR	1,156	1,381	1,455	1,182	1,139	1,121	1,356	1,240	952	1,138	888	1,044
PE_RTOU_ONP	RTOU ONP	413	562	605	480	0	0	0	0	0	0	0	0
PE_RTOU_OFF	RTOU OFFP	1,718	1,972	1,906	1,684	0	0	0	0	0	0	0	0
PE_RTOU_Shoulder	RTOU Shoulder	1,391	1,788	1,749	1,505	0	0	0	0	0	0	0	0
PE_RETOU_ONP (NEW)	RETOU ONP	0	0	0	0	379	369	468	396	340	344	11,613	12,740
PE_RETOU_OFF (New)	RETOU OFFP	0	0	0	0	1,651	1,921	2,277	2,061	1,800	1,946	74,765	81,866
PE_RETOU_Shoulder (New)	RETOU Shoulder	0	0	0	0	1,300	1,374	1,695	1,528	1,262	1,337	5,378	5,837
PE_RETOU_ON	RETOU ON- EV's	0	0	0	0	0	0	0	1,480	1,515	1,549	1,583	1,617
PE_RETOU_OFF	RETOU OFF- EV's	0	0	0	0	0	0	0	9,643	9,865	10,088	10,310	10,532
PE_RETOU_Shoulder	RETOU Shoulder- EV'	0	0	0	0	0	0	0	3,148	3,221	3,293	3,366	3,438
PE_R_MED	R MED	832	932	887	728	0	0	0	0	0	0	0	0
PE_C	C	95,091	115,444	113,161	97,063	97,054	96,159	107,174	119,785	108,228	111,810	87,575	98,598

		Schedule-R		
Avg Customers		1,299,909		
		<u>kWh</u>	<u>Avg</u>	<u>%</u>
Tier I		2,072,122,341	399	59%
Tier II		1,450,566,800	279	41%
		<u>3,522,689,141</u>	<u>677</u>	
		Schedule-RE-TOU		
Avg Customers		6,876		
		<u>kWh</u>	<u>Avg</u>	<u>%</u>
Summer-On		2,060,483	75	13%
Summer-Off		7,281,069	265	46%
Summer-Shoulder		6,431,713	234	41%
		<u>15,773,265</u>	<u>573</u>	
		Schedule-R-OO		
Avg Customers		17		
		<u>kWh</u>	<u>Avg</u>	<u>%</u>
Summer		38,996	573	100%
		Schedule-C		
Avg Customers		113,644		
		<u>kWh</u>	<u>Avg</u>	<u>%</u>
Summer		420,758,673	309	46%
Winter		826,382,520	606	89%
		<u>1,247,141,193</u>	<u>915</u>	

Full Detail CFM Format (Active Service Count)	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
PSCO_CO_E_R	1,298,428	1,299,423	1,300,502	1,301,283	1,303,195	1,304,193	1,305,670	1,307,076	1,308,206	1,309,489	1,122,259	1,123,379
PSCO_CO_E_R_Med	691	681	680	665	-	-	-	-	-	-	-	-
PSCO_CO_E_RD	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058	1,058
PSCO_CO_E_RDTDR	1,932	1,956	1,979	2,002	2,026	2,049	2,073	2,097	2,121	2,145	2,169	2,193
PSCO_CO_E_RTOU	6,786	6,846	6,907	6,966	-	-	-	-	-	-	-	-
PSCO_CO_E_RETOUT-New	-	-	-	-	7,028	7,088	7,151	7,214	7,276	7,339	195,750	195,749
PSCO_CO_E_ROO-New	17	17	17	17	17	17	17	17	17	17	17	17
PSCO_CO_E_C	113,499	113,532	113,633	113,605	113,614	113,431	113,426	113,541	113,597	113,830	113,975	114,039

RD-TDR	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
Bills	1,932	1,956	1,979	2,002	2,026	2,049	2,073	2,097	2,121	2,145	2,169	2,193
Demand Charge - Distribution	8,869	11,234	11,456	9,483	10,063	8,204	8,945	9,880	9,860	9,728	11,053	10,245
Demand Charge - G&T Summer	2,164	7,962	8,614	6,609	4,207	-	-	-	-	-	-	-
Demand Charge - G&T Winter	3,811	-	-	-	2,663	5,164	5,957	6,891	6,607	6,215	7,218	6,757
Energy Charge	1,155,526	1,380,719	1,455,002	1,182,110	1,139,341	1,121,399	1,355,730	1,239,911	952,183	1,138,349	888,026	1,044,325

Schedule RD-TDR		
	Qty	Avg
Avg Customers	2,062	
Demand Charge - Distribution	119,019	4.81
Demand Charge - G&T Summer	29,555	1.19
Demand Charge - G&T Winter	51,282	<u>L.F.</u>
Energy Charge	14,052,621	568 23.8%