

**Public Service Company of Colorado
Total TCA Revenue Requirement**

Line No.	Description	Revenue Requirement
1	Net Plant Component	33,537,486
2		
3	CWIP Component	29,052,511
4		
5	Total Revenue Requirement	<u>62,589,997</u>
6		
7	True-up of 2022 Revenue Requirement	(5,038,083)
8		
9	True-up of 2022 Rider Revenue	1,113,582
10	Interest on 2022 True-up	(253,004)
11		
12	Net 2024 TCA Revenue Requirement	<u>58,412,492</u>

TCA Annual Revenue Requirement Summary

	25%	75%	
	TCA Prior to April 1, 2022	TCA After April 1, 2022	TOTAL TCA
	2022	2022	2022
2022 Actual Revenue Requirement Total	45,988,266	13,843,232	21,769,405
2022 Original Filed Estimate	51,415,926	18,753,817	26,807,488
2022 True Up	(5,427,659)	(4,910,585)	(5,038,083)

Above numbers do not include prior-year true ups

**Public Service Company of Colorado
 Net Plant Component of TCA
 2022
 Retail Amount**

Line No.	Description	Actual 13 Mo. Average Balance	Amounts Included in Rate Base Docket No. 19AL-0268E	Change
1	Plant in Service	2,463,987,089	2,036,881,418	427,105,671
2	Depreciation Reserve (less RWIP)	(497,658,574)	(404,588,456)	(93,070,119)
3	Net Plant in Service	1,966,328,515	1,632,292,963	334,035,553
4				
5	Accumulated Deferred Taxes	(420,330,405)	(371,743,414)	(48,586,991)
6				
7	Pre-Funded AFUDC Transmission	(27,659,215)	(20,898,217)	(6,760,997)
8				
9	Total	1,518,338,896	1,239,651,331	278,687,564
10				
11	RORB			6.86%
12				
13	Required Earnings			19,115,744
14				
15	Depreciation Expense	49,328,633	33,270,260	16,058,373
16				
17	Income Tax Expense			4,679,471
18				
19	Revenue Requirement			39,853,588

**Public Service Company of Colorado
 CWIP Component of TCA
 2021**

Line No.	Description	Actual Year End Balance	Amounts Included in Rate Base Docket No. 19AL-0268E	Change
1	CWIP	72,711,854	0	72,711,854
2				
3	Prefunded AFUDC	(863,015)		(863,015)
4				
5	Total	71,848,839		71,848,839
6				
7	RORB			6.86%
8				
9	Required Earnings			4,928,257
10				
11	Income Tax Expense			1,206,421
12				
13	Revenue Requirement			6,134,678

**Public Service Company of Colorado
 Total TCA Revenue Requirement
 2020**

Line No.	Description	Actual Year End Balance	Amounts Included in Rate Base Docket No. 19AL-0268E	Change
1	Net Plant Component			39,853,588
2				
3	CWIP Component			6,134,678
4				
5	Total			45,988,266

**Public Service Company of Colorado
 Net Plant Component of TCA
 2022
 Retail Amount**

Line No.	Description	Actual 13 Mo. Average Balance	Amounts Included in Rate Base Docket No. 21AL-0317E	Change
1	Plant in Service	2,463,987,089	2,341,752,733	122,234,357
2	Depreciation Reserve (less RWIP)	(497,658,574)	(481,976,855)	(15,681,719)
3	Net Plant in Service	1,966,328,515	1,859,775,878	106,552,637
4				
5	Accumulated Deferred Taxes	(420,330,405)	(404,693,797)	(15,636,608)
6				
7	Pre-Funded AFUDC Transmission	(27,659,215)	(27,715,541)	56,326
8				
9	Total	1,518,338,896	1,427,366,540	90,972,356
10				
11	RORB			6.86%
12				
13	Required Earnings			6,239,978
14				
15	Depreciation Expense	49,328,633	48,206,249	1,122,384
16				
17	Income Tax Expense			1,527,526
18				
19	Revenue Requirement			8,889,888

**Public Service Company of Colorado
 CWIP Component of TCA
 2021**

Line No.	Description	Actual Year End Balance	Amounts Included in Rate Base Docket No. 21AL-0317E	Change
1	CWIP	72,711,854	14,499,713	58,212,141
2				
3	Prefunded AFUDC	(863,015)	(664,011)	(199,005)
4				
5	Total	71,848,839	13,835,703	58,013,136
6				
7	RORB			6.86%
8				
9	Required Earnings			3,979,239
10				
11	Income Tax Expense			974,104
12				
13	Revenue Requirement			4,953,343

**Public Service Company of Colorado
 Total TCA Revenue Requirement
 2020**

Line No.	Description	Actual Year End Balance	Amounts Included in Rate Base Docket No. 21AL-0317E	Change
1	Net Plant Component			8,889,888
2				
3	CWIP Component			4,953,343
4				
5	Total			13,843,232

**Public Service Company of Colorado
 Total TCA Revenue Requirement
 2022 Estimated TCA**

Line No.	Description	Pre Roll in	Post Roll In	Weighted
		24.66%	75.34%	
		2022	2022	2022
1	Net Plant Component	43,097,995	14,499,017	21,550,820
2				
3	CWIP Component	5,255,802	4,254,800	4,501,622
4				
5	Total Revenue Requirement	48,353,797	18,753,817	26,052,442
6				
7	True-up of 2020 Revenue Requirement	988,323	988,323	988,323
8				
9	True-up of 2020 Rider Revenue	2,073,805	2,073,805	2,073,805
10	Interest on 2020 True-up	-		
11				
12	Net 2022 Rider Revenue Requirement	51,415,926	21,815,946	29,114,571

**Public Service Company of Colorado
 Electric Department
 2022 Projected Retail Purchase Capacity Cost**

TCA Rate Design
 Page 1

Line No.	Description	2022	
1	Plant Component	\$ 43,097,995	
2	Less: Plant Rolled into Base Rates	\$ 28,598,978	From Hearing Exhibit 143, Attachment DAB-31
3	Net Plant for TCA Rider	\$ 14,499,017	
4			
5	CWIP Component	\$ 5,255,802	
6	Less: CWIP Rolled Into Base Rates	\$ 1,001,002	
7	Net CWIP for TCA Rider	\$ 4,254,800	From Hearing Exhibit 143, Attachment DAB-31
8			
9	Total Revenue Requirement	\$ 18,753,817	
10			
11	True-up of 2020 Revenue Requirement	\$ 988,323	
12			
13	True Up of 2020 Rider Revenue	\$ 2,073,805	
14	<u>Interest on 2000 True Up</u>	\$ -	
15			
16	Total 2022 Rider Revenue Requirement	\$ 21,815,946	

**Public Service Company of Colorado
 2022 TCA Rider Revenue True Up
 Actuals through September 2023**

<u>Description</u>	TCA Billed Revenue		
	December 2022	YTD September 2023	Total
Total 2022 TCA Rider Revenue	28,000,989		28,000,989
Estimated Rider Revenues for 2022			29,114,571
Revenue Adjustment for 2022			1,113,582

Estimated Rider Revenues for 2022 includes all true-ups included in the filed rate

**Public Service Company of Colorado
 Transmission Cost Adjustment
 Interest Calculation
 2022**

2022 Rev Req True-up	(5,038,083)
2022 Revenue True-up	1,113,582
2022 Total True-up Amount	<u>(3,924,501)</u>
2022 After Tax WACC	<u>6.447%</u>
2022 Interest on 2021 True-up	<u>(253,004)</u>
 Interest on 2022 True-up	 (253,004)

After Tax WACC

Electric	Cost	Ratio	Weighted	After Tax	Weighted
STD	3.21%	0.91%	0.03%	0.02%	
LTD	3.80%	43.40%	1.65%	1.25%	
Equity	9.30%	55.69%	5.18%	5.18%	
			6.86%	6.45%	

Fed Tax	21.00%
State Tax	4.40%
Combined Tax	24.48%

Source: 2022 Appendix A

**Public Service Company of Colorado
 Net Plant Component of TCA
 2024
 Retail Amount**

Line No.	Description	Projected 13 Mo. Average Balance
1	Plant in Service	314,898,307
2	Depreciation Reserve (less RWIP)	1,043,013
3	Net Plant in Service	315,941,320
4		
5	Accumulated Deferred Taxes	(1,741,607)
6		
7	Pre-Funded AFUDC Transmission	
8		
9	Total	314,199,713
10		
11	RORB	7.0100%
12		
13	Required Earnings	22,025,400
14		
15	Depreciation Expense	6,256,697
16		
17	Income Tax Expense	5,255,390
18		
19	Revenue Requirement	33,537,486

**Public Service Company of Colorado
 CWIP Component of TCA
 2024**

Line No.	Description	Change
1	CWIP	332,964,326
2		
3	Prefunded AFUDC	1,640,747
4		
5	Total	334,605,073
6		
7	RORB	7.01%
8		
9	Required Earnings	23,455,816
10		
11	Income Tax Expense	5,596,695
12		
13	Revenue Requirement	29,052,511

**Public Service Company of Colorado
 Total TCA Revenue Requirement
 2024**

Line No.	Description	Change
1	Net Plant Component	33,537,486
2		
3	CWIP Component	29,052,511
4		
5	Total	62,589,997

PSCo Regulated Capital Structure

Proposed Method-using employed capital (net proceeds) as the denominator in the cost of debt rate calculation

* Equity and Long Term Debt ratios are 13 Month average

2024			
Description	Rate	Ratio	Cost
Long Term Debt	4.15%	44.09%	1.8300%
Short Term Debt	5.74%	0.40%	0.0200%
Preferred Stock	0.00%	0.00%	0.0000%
Common Equity	9.30%	55.51%	5.1600%
Calculated Return on Rate Base			7.01%

1.8500%