

**BLACK HILLS COLORADO ELECTRIC, LLC
ENERGY COST ADJUSTMENT CALCULATION
FOR THE FORECASTED TWELVE MONTHS ENDING MARCH 31, 2022**

			ECA_AL 802
			Amount
(1)	ESTIMATED GENERATION - (F)	\$	6,822,397
(2)	ESTIMATED PURCHASES FOR SYSTEM - (P)	\$	47,791,404
(3)	INCENTIVE SHARING - (IS)	\$	(103,107)
(4)	NET RESA TRANSFER - (RT)	\$	15,162,466
(5)	RECOVERY TRUE-UP - (RTU)	\$	67,523
(6)	TOTAL (SUM OF LINES 1 THROUGH 5)	\$	69,740,683
(7)	ESTIMATED SALES (kWh)		1,962,021,000
(8)	ENERGY COST ADJUSTMENT - PRORATED TO BILLS BEGINNING April 1, 2021 (LINE 6 / LINE 7)	\$	0.03555

BLACK HILLS COLORADO ELECTRIC, LLC
ENERGY COST ADJUSTMENT CALCULATION
FOR THE FORECASTED TWELVE MONTHS ENDING MARCH 31, 2022
ESTIMATED GENERATION

Line No.	Description	Reference From	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Total
1	Pueblo Ind. Park Diesels	'WP 4 Forecast Summary'	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Pueblo Diesel	'WP 4 Forecast Summary'	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Rocky Ford Diesels	'WP 4 Forecast Summary'	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	PAGS-Unit 1	'WP 4 Forecast Summary'	\$ 79,372	\$ 27,935	\$ 180,786	\$ 388,740	\$ 582,836	\$ 358,562	\$ 66,193	\$ 12,747	\$ 59,513	\$ 79,415	\$ 11,578	\$ 9,677	\$ 1,851,355
5	PAGS-Unit 2	'WP 4 Forecast Summary'	\$ 36,829	\$ 23,463	\$ 241,999	\$ 571,188	\$ 596,917	\$ 559,832	\$ 55,762	\$ 29,523	\$ 70,900	\$ 11,327	\$ 27,135	\$ 5,241	\$ 2,230,116
6	PAGS-Unit 6	'WP 4 Forecast Summary'	\$ 1,637	\$ 2	\$ 2	\$ 20,348	\$ 9,275	\$ 2	\$ 2	\$ 2	\$ 2	\$ 2	\$ 31,509	\$ 2	\$ 62,782
7	Transmission	'WP 4 Forecast Summary'	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 223,179	\$ 2,678,144
8	Total Fuel Related Costs (Sum of Lines 1 - 7)		\$ 341,016	\$ 274,579	\$ 645,965	\$ 1,203,455	\$ 1,412,206	\$ 1,141,574	\$ 345,136	\$ 265,450	\$ 353,593	\$ 307,923	\$ 293,401	\$ 238,098	\$ 6,822,397 P.1 Rate Cover
9															
10	Purchased Energy	'WP 4 Forecast Summary'	\$ 2,928,590	\$ 2,836,870	\$ 4,030,115	\$ 4,814,579	\$ 4,764,314	\$ 4,552,905	\$ 4,247,678	\$ 3,968,151	\$ 4,153,616	\$ 4,388,089	\$ 4,117,786	\$ 3,791,154	\$ 48,593,848
11	Cost of Energy Sales	'WP 4 Forecast Summary'	\$ (19,256)	\$ (22,480)	\$ (88,408)	\$ (83,795)	\$ (77,013)	\$ (36,051)	\$ (2,814)	\$ (15,094)	\$ (48,252)	\$ (146,692)	\$ (122,359)	\$ (140,231)	\$ (802,445)
12	Total Estimated Purchases (Line 10 + 11)		\$ 2,909,335	\$ 2,814,390	\$ 3,941,707	\$ 4,730,784	\$ 4,687,301	\$ 4,516,855	\$ 4,244,864	\$ 3,953,057	\$ 4,105,364	\$ 4,241,397	\$ 3,995,428	\$ 3,650,923	\$ 47,791,404 P.1 Rate Cover
13															
14	Total Eligible Costs (Sum of Lines 8 and 12)		\$ 3,250,351	\$ 3,088,968	\$ 4,587,673	\$ 5,934,238	\$ 6,099,507	\$ 5,658,429	\$ 4,589,999	\$ 4,218,507	\$ 4,458,958	\$ 4,549,320	\$ 4,288,829	\$ 3,889,022	\$ 54,613,801

BLACK HILLS COLORADO ELECTRIC, LLC
ENERGY COST ADJUSTMENT CALCULATION
FOR THE FORECASTED TWELVE MONTHS ENDING MARCH 31, 2022
OFF SYSTEM SALES ANNUAL NET MARGINS

Line No.	Description	Reference From	2020	FERC Account
1	Off-System Sales Revenue	20AL-0073E	\$ 714,281	447030
2				
3	Fuel Off-System Other Prod	20AL-0073E	\$ (183,463)	547030
4	Purchased Power Off-System Sales	20AL-0073E	\$ (342,015)	555030
5	Transmission	20AL-0073E	\$ (74,239)	565030
6				
7	Operating Margin	Sum Lines 1 - 6	\$ 114,563	
8				
9	Annual Customer Portion of Margin at 90%	Line 7 X 90%	\$ (103,107)	'P.1 Rate Cover'
10	(Decision No. C11-1373, ¶ 201-204)			

BLACK HILLS COLORADO ELECTRIC, LLC
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FOR THE FORECASTED TWELVE MONTHS ENDING MARCH 31, 2022
NET RESA FORECAST

Line No.	Description	Reference From	ECA Increase/(Decrease)
1	4/1/2021 - 3/31/2022 Net RESA Forecast	Note 1	\$ 6,529,337
2			
3	4/1/2021 - 3/31/2022 Peak View Avoided Cost Forecast	Note 1	\$ 8,633,129
4			
5	Net RESA Forecast (Sum of Lines 1 and 3)		<div style="border: 2px solid black; padding: 2px; display: inline-block;"> \$ 15,162,466 </div> 'P.1 Rate Cover'

Note 1: The Net RESA Forecast and PV Avoided Cost Estimate was obtained from the RESA and PeakView Forecast workpaper. Refer to that workpaper for further calculation of the amount.

BLACK HILLS COLORADO ELECTRIC, LLC
ENERGY COST ADJUSTMENT CALCULATION
FOR THE FORECASTED TWELVE MONTHS ENDING MARCH 31, 2022
DETERMINATION OF (OVER)/UNDER RECOVERY

Line No.	Description	Reference From	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021
1	Beginning Balance		\$ (6,659,869)	\$ (4,560,358)	\$ (4,204,060)	\$ (3,794,623)	\$ (2,487,205)	\$ (736,041)
2								
3	Actual Recoveries	'WP 2 Recoveries'	\$ (6,491,004)	\$ (6,126,992)	\$ (5,022,042)	\$ (4,378,900)	\$ (4,870,265)	\$ (5,395,374)
4								
5	Actual Generation Cost	'WP 3 Historical'	\$ 1,002,776	\$ 761,365	\$ 525,758	\$ 596,602	\$ 552,463	\$ 633,127
6	Actual Purchase Power Cost	'WP 3 Historical'	\$ 6,545,118	\$ 4,819,037	\$ 4,154,853	\$ 4,022,860	\$ 5,031,659	\$ 4,489,921
7	Off System Sales (PM Sharing Credit)		\$ 3,278	\$ 831	\$ (31,345)	\$ (7,826)	\$ (8,322)	\$ (27,897)
8	Actual Peak View Avoided Costs		\$ 455,655	\$ 455,182	\$ 550,946	\$ 725,258	\$ 708,254	\$ 649,950
9	Actual RESA Costs(Savings)		\$ 594,713	\$ 494,437	\$ 377,166	\$ 350,321	\$ 390,413	\$ 510,277
10	Cost of Energy Sales	'WP 3 Historical'	\$ (15,094)	\$ (48,252)	\$ (146,692)	\$ (3,430)	\$ (56,432)	\$ (56,935)
11	Total Costs		\$ 8,586,447	\$ 6,482,599	\$ 5,430,685	\$ 5,683,785	\$ 6,618,036	\$ 6,198,443
12								
13	Recoveries Less Total Costs		\$ 2,095,443	\$ 355,607	\$ 408,643	\$ 1,304,885	\$ 1,747,771	\$ 803,069
14								
15	Interest	Line 13 * (.0233/12) for 2020	\$ 4,069	\$ 690	\$ 793	\$ 2,534	\$ 3,394	\$ 495
16								
17	Ending Balance		\$ (4,560,358)	\$ (4,204,060)	\$ (3,794,623)	\$ (2,487,205)	\$ (736,041)	\$ 67,523 'P.1 Rate Cover'

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FOR THE FORECASTED TWELVE MONTHS ENDING MARCH 31, 2022
PROJECTED KWH SALES

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Line No.	Timeframe	Reference From	Total kWh
1	April 2021 - March 2022	'WP 1 COE Forecasted kWh'	1,962,021,000
Total 2021 kWh			1,962,021,000 'P.1 Rate Cover'