



# Electric Company ESG/Sustainability Quantitative Information

**Parent Company:** Black Hills Corporation  
**Operating Company(s):** Black Hills Colorado Electric, LLC (d/b/a Black Hills Energy), Black Hills Power, Inc. (d/b/a Black Hills Energy), Cheyenne Light, Fuel and Power Company (d/b/a Black Hills Energy), Black Hills Colorado IPP, LLC, Black Hills Colorado Wind, LLC, Black Hills Electric Generation, LLC, Black Hills Wyoming, LLC, North Iowa Windpower LLC  
**Business Type(s):** Vertically Integrated  
**State(s) of Operation:** Colorado, South Dakota, Wyoming  
**State(s) with RPS Programs:** Colorado  
**Regulatory Environment:** Regulated and Non-Regulated  
**Report Date:** 25-Jul-2022

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline	Last Year	Current Year	Comments, Links, Additional Information, and Notes	
		2005	2020	2021		
<b>Portfolio</b>						
<b>1</b>	<b>Owned Nameplate Generation Capacity at end of year (MW)</b>				<p>Reported capacity values align with our 10K. Sources that are currently in service, and were operational in 2005, have been updated to nameplate capacity values. This was a reporting update completed in the 2021 10K.</p> <p>Ben French Power Plant (100 MW) is dual fuel, and is reported under both natural gas and petroleum capacity.</p>	
1.1	Coal	366	394.7	394.7		
1.2	Natural Gas	209	760	760		
1.3	Nuclear	0	0	0		
1.4	Petroleum	140	138	138		
1.5	Total Renewable Energy Resources	0	288.8	288.8		
1.5.1	Biomass/Biogas	0	0	0		
1.5.2	Geothermal	0	0	0		
1.5.3	Hydroelectric	0	0	0		
1.5.4	Solar	0	0	0		
1.5.5	Wind	0	288.8	288.8		
1.6	Other	0	0	0		
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options</b>						
<b>2</b>	<b>Net Generation for the data year (MWh)</b>					<p>Net Generation adjusted for % equity of jointly owned sources. Includes 49.9% third party ownership of Black Hills Colorado IPP reported as noncontrolling interest.</p> <p>"Other" includes market purchased power and PPAs. Purchased power data excludes internal purchases between Black Hills Corporation's regulated and nonregulated utilities, to avoid double counting MWh.</p>
2.1	Coal	2,563,770	2,687,782	2,439,266		
2.2	Natural Gas	42,469	1,669,198	1,726,051		
2.3	Nuclear	0	0	0		
2.4	Petroleum	4,551	0	1,087		
2.5	Total Renewable Energy Resources	0	644,897	843,722		
2.5.1	Biomass/Biogas	0	0	0		
2.5.2	Geothermal	0	0	0		
2.5.3	Hydroelectric	0	0	0		
2.5.4	Solar	0	0	0		
2.5.5	Wind	0	644,897	843,722		
2.6	Other	3,827,200	2,322,732	2,797,907		
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options</b>						
<b>3</b>	<b>Capital Expenditures and Energy Efficiency (EE)</b>					
3.1	Total Annual Capital Expenditures (nominal dollars)	Not available	\$ 755M	\$ 680M		
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	Not available	29,733	16,640		
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	Not available	\$ 8,637,944	\$ 6,424,996		
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>					
4.1	Commercial	25,745	30,945	31,336		
4.2	Industrial	142	83	81		
4.3	Residential	165,783	184,872	186,852		

<b>Emissions</b>					
<b>5</b>	<b>GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)</b>				<p>Black Hills Corporation's facilities do not trigger the 40 CFR 98 Subpart DD reporting threshold.</p> <p>Current Hg emissions include only units that use performance-based measurement and are applicable to the EPA Mercury and Air Toxics Standard (MATS).</p>
<p>Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.</p>					
<b>5.1</b>	<b>Owned Generation (1) (2) (3)</b>				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	3,242,959	4,017,683	3,760,434	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	1.24	0.80	0.75	
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	3,268,807	4,036,591	3,777,795	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	1.25	0.81	0.75	
<b>5.2</b>	<b>Purchased Power (4)</b>				
5.2.1	Carbon Dioxide (CO2)				
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	3,105,206	995,313	1,251,608	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.81	0.43	0.45	
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	3,120,701	1,001,588	1,259,801	
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.82	0.43	0.45	
<b>5.3</b>	<b>Owned Generation + Purchased Power</b>				
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	6,348,165	5,012,995	5,012,043	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.99	0.68	0.64	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	6,389,508	5,038,179	5,037,595	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.99	0.69	0.65	
<b>5.4</b>	<b>Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)</b>				
5.4.1	Total CO2e emissions of SF6 (MT)	Not applicable	Not applicable	Not applicable	
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)	Not applicable	Not applicable	Not applicable	
<b>6</b>	<b>Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)</b>				
6.1	Generation basis for calculation (6)	Total			
<b>6.2</b>	<b>Nitrogen Oxide (NOx)</b>				
6.2.1	Total NOx Emissions (MT)	5,021	1,937	1,793	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001923	0.000387	0.000360	
<b>6.3</b>	<b>Sulfur Dioxide (SO2)</b>				
6.3.1	Total SO2 Emissions (MT)	8,017	1,175	1,021	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.003071	0.000235	0.000200	
<b>6.4</b>	<b>Mercury (Hg)</b>				
6.4.1	Total Hg Emissions (kg)	88.1	10.9	5.3	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.000034	0.000002	0.000001	
<b>Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the Emissions section notes</b>					

<b>Resources</b>					
<b>7</b>	<b>Human Resources</b>				
7.1	Total Number of Employees	843	3,011	2,884	
7.2	Percentage of Women in Total Workforce	27%	26%	26%	
7.3	Percentage of Minorities in Total Workforce	9%	11%	12%	
7.4	Total Number on Board of Directors/Trustees	10	12	11	
7.5	Percentage of Women on Board of Directors/Trustees	10%	25%	27%	
7.6	Percentage of Minorities on Board of Directors/Trustees	10%	8%	9%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	3.99	1.00	1.06	
7.7.2	Lost-time Case Rate	0.39	0.66	0.70	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	1.93	0.74	0.71	
7.7.4	Work-related Fatalities	-	1	0	
<b>8</b>	<b>Fresh Water Resources used in Thermal Power Generation Activities</b>				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	Not available	741.32	704.65	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	Not available	0.00	0.00	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	Not available	1.41E-04	1.35E-04	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	Not available	0.00	0.00	
<b>9</b>	<b>Waste Products</b>				
9.1	Amount of Hazardous Waste Manifested for Disposal	Not available	2.004	1.469	
9.2	Percent of Coal Combustion Products Beneficially Used	Not available	0%	0%	

**Additional Metrics (Optional)**

All information and data in the EEI and AGA ESG qualitative and quantitative reports are provided on a voluntary basis and could be subject to change. These reports contain forward-looking information as defined by the Securities and Exchange Commission. Whether actual results and developments will conform to our expectations and predictions is subject to a number of risks and uncertainties that, among other things, could cause actual results to differ materially from those contained in the forward-looking statements, including without limitation, the risk factors described in our 2021 Annual Report on Form 10-K. We assume no obligation to update publicly any such forward-looking statements, whether as a result of new information, future events or otherwise.