



Electric Company ESG/Sustainability Quantitative Information

Parent Company: Black Hills Corporation
 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

Operating Company(s)*: Vertically Integrated
Business Type(s): Colorado, South Dakota, Wyoming
State(s) of Operation: Colorado
State(s) with RPS Programs: Regulated and Non-Regulated
Regulatory Environment: 8/19/2021
Report Date: Version 1
Report Version: *Operating company names as of 01-01-2020.

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2019	Current Year 2020	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)				<i>Owned Nameplate Generation Capacity adjusted for % equity of jointly owned sources.</i> Aligns with 10K
1.1	Coal	355	383	383	
1.2	Natural Gas	189	712	712	
1.3	Nuclear	0	0	0	
1.4	Petroleum	120	118	118	
1.5	Total Renewable Energy Resources	0	229	281	
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	229	281	
1.6	Other	0	0	0	
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options					
2	Net Generation for the data year (MWh)				<i>Net Generation adjusted for % equity of jointly owned sources. Includes 49.9% third party ownership of Black Hills Colorado IPP reported as noncontrolling interest.</i>
2.1	Coal	2,563,770	2,700,193	2,687,782	
2.2	Natural Gas	42,469	1,540,842	1,669,198	
2.3	Nuclear	0	0	0	
2.4	Petroleum	4,551	0	0	
2.5	Total Renewable Energy Resources	0	0	0	
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	445,503	644,897	
2.6	Other	3,827,200	2,508,714	2,322,732	<i>Includes market purchased power. Purchased power data excludes internal purchases between Black Hills Corporation's regulated and nonregulated utilities, so as to avoid double counting MWh.</i>
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options					
3	Capital Expenditures and Energy Efficiency (EE)				
3.1	Total Annual Capital Expenditures (nominal dollars)	Not available	\$850M	\$755M	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	Not available	25,231	29,733	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	Not available	\$ 7,137,128	\$ 8,637,944	
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial	25,745	30,945	31,242	
4.2	Industrial	142	83	83	
4.3	Residential	165,483	183,232	184,872	

Emissions						
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)					
	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.					
5.1	Owned Generation (1) (2) (3)					
5.1.1	Carbon Dioxide (CO2)					
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	3,242,959	3,944,400	4,017,683		
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	1.24	0.84	0.80		
5.1.2	Carbon Dioxide Equivalent (CO2e)					
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	3,268,807	3,963,128	4,036,591		
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	1.25	0.85	0.81		
5.2	Purchased Power (4)					
5.2.1	Carbon Dioxide (CO2)					
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	3,105,206	1,211,911	995,313		
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.81	0.48	0.43		
5.2.2	Carbon Dioxide Equivalent (CO2e)					
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	3,120,701	1,219,954	1,001,588		
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.82	0.49	0.43		
5.3	Owned Generation + Purchased Power					
5.3.1	Carbon Dioxide (CO2)					
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	6,348,165	5,156,311	5,012,995		
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.99	0.72	0.68		
5.3.2	Carbon Dioxide Equivalent (CO2e)					
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	6,389,508	5,183,083	5,038,179		
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.99	0.72	0.69		
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)					
5.4.1	Total CO2e emissions of SF6 (lbs)	Not applicable	Not applicable	Not applicable		
5.4.2	Leak rate of CO2e emissions of SF6 (lbs/Net MWh)	Not applicable	Not applicable	Not applicable		
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)					
6.1	Generation basis for calculation (6)					Owned Generation
6.2	Nitrogen Oxide (NOx)					
6.2.1	Total NOx Emissions (MT)	5,021	1,924	1,937	<i>Emissions for fossil fuel owned generation adjusted for % equity of jointly owned sources.</i>	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001923	0.000411	0.000387		
6.3	Sulfur Dioxide (SO2)					
6.3.1	Total SO2 Emissions (MT)	8,017	1,301	1,175	<i>Emissions for fossil fuel owned generation adjusted for % equity of jointly owned sources.</i>	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.003071	0.000278	0.000235		
6.4	Mercury (Hg)					
6.4.1	Total Hg Emissions (kg)	88.1	10.5	10.9	<i>Emissions for fossil fuel owned generation adjusted for % equity of jointly owned sources.</i>	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.000034	0.000002	0.000002		

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Resources					
7	Human Resources				
7.1	Total Number of Employees	843	2,944	3,011	
7.2	Percentage of Women in Total Workforce	27%	26%	26%	
7.3	Percentage of Minorities in Total Workforce	9%	11%	11%	
7.4	Total Number on Board of Directors/Trustees	10	12	12	
7.5	Percentage of Women on Board of Directors/Trustees	10%	25%	25%	
7.6	Percentage of Minorities on Board of Directors/Trustees	10%	8%	8%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate	3.99	1.25	1.00	
7.7.2	Lost-time Case Rate	0.39	0.45	0.66	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	1.93	0.68	0.74	
7.7.4	Work-related Fatalities	0	0	1	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)	Not available	2,592	2,806	<i>Water withdrawal based on operational control of the Facility.</i>
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	5.33E-04	5.36E-04	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	Not available	0.00	0.00	
9	Waste Products				
9.1	Amount of Hazardous Waste Manifested for Disposal	-	-	2.004	<i>All Facilities are classified by the EPA as Very Small Quantity Generators (VSQGs) - due to low quantities of hazardous waste generation, however this value has been estimated for 2020.</i>
9.2	Percent of Coal Combustion Products Beneficially Used	Not available	0%	0%	
Additional Metrics (Optional)					
<p><i>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 2019 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.</i></p>					

Goal Applicability	Baseline Year	Target Year	Reduction Goal Description (Short)	Source (URL)
Electric Utilities	2005	2030, 2040	Reduce greenhouse gas emission intensity for electric operations 40% by 2030 and 70% by 2040. Includes CO2e emissions from owned generation and market purchased power.	https://www.blackhillsenergy.com/news/clean-energy-goals
Natural Gas Distribution	2005	2035	Reduce greenhouse gas emission intensity from the natural gas distribution system 50% by 2035. Includes CO2e emissions from distribution mains and services pipeline.	https://www.blackhillsenergy.com/news/clean-energy-goals

Notes

1. Additional information on the emissions goals listed above, including how they will be achieved, can be found in the Qualitative section.
2. Information on the type of emissions (e.g., carbon, methane, CO2e, etc.) and which scope(s) of emissions apply — based on the WRI GHG Reporting Protocol, TCR Reporting Protocol(s), or other acceptable reporting procedures — should be included in the goal description. Emissions reported in the Quantitative section are not based on a Scope 1, 2 or 3 methodology.
3. Goal Applicability refers to the entity to which the goal applies (e.g., parent company, operating company, eclectic or gas utility, etc.).