

Description:		
Industry:	61 - Educational Services	
Address:	3910 Keswick Rd, Baltimore, Maryland, US	Contact: Krittika Negandhi

Reporting Information

Inventory Type	Complete	
Reporting Protocol:	GRP 3.0	
GWP Standard:	AR5	
Base Year:	2024	
Scope 2 method	Location-based and Market-based	
Reporting Year Type	Calendar Year	
Consolidation Methodology:	Operational Control Only	
Status:	TCR Accepted	

Verification Information

Verification Body:	Cameron-Cole, LLC	
Level of Assurance:	Reasonable	

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	42,421.149	42,291.901	106.988	22.26	0	0	0	0
Mobile Combustion - Scope 1	3,799.737	3,774.244	2.968	22.525	0	0	0	0
Fugitive - Scope 1	2,517.697	58.311	4.564	0	2,454.822	0	0	0
Total	48,738.583	46,124.456	114.52	44.785	2,454.822	0	0	0
Applied Offsets								
Net Total	48,738.583							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	118,255.257	117,727.762	205.52	321.975	0	0	0	0
Purchased Cooling - Location Based - Scope 2	7,765.861	7,735.504	13.132	17.225	0	0	0	0
Purchased Steam - Location Based - Scope 2	22,884.381	22,730.081	26.04	128.26	0	0	0	0
Total	148,905.499	148,193.347	244.692	467.46	0	0	0	0
Applied Offsets								
Net Total	148,905.499							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	40,310.525	40,087.173	73.892	149.46	0	0	0	0

Purchased Cooling - Market Based - Scope 2	7,765.861	7,735.504	13.132	17.225	0	0	0	0
Purchased Steam - Market Based - Scope 2	22,884.381	22,730.081	26.04	128.26	0	0	0	0
Total	70,960.767	70,552.758	113.064	294.945	0	0	0	0
Applied Offsets								
Net Total	70,960.767							

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	42,421.149	42,291.901	3.821	0.084	0	0	0	0
Mobile Combustion - Scope 1	3,799.737	3,774.244	0.106	0.085	0	0	0	0
Fugitive - Scope 1	2,517.697	58.311	0.163	0	2,454.822	0	0	0
Total	48,738.583	46,124.456	4.09	0.169	2,454.822	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	118,255.257	117,727.762	7.34	1.215	0	0	0	0
Purchased Cooling - Location Based - Scope 2	7,765.861	7,735.504	0.469	0.065	0	0	0	0
Purchased Steam - Location Based - Scope 2	22,884.381	22,730.081	0.93	0.484	0	0	0	0
Total	148,905.499	148,193.347	8.739	1.764	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	40,310.525	40,087.173	2.639	0.564	0	0	0	0
Purchased Cooling - Market Based - Scope 2	7,765.861	7,735.504	0.469	0.065	0	0	0	0
Purchased Steam - Market Based - Scope 2	22,884.381	22,730.081	0.93	0.484	0	0	0	0
Total	70,960.767	70,552.758	4.038	1.113	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	5,304	197,644	2.68%
Market-based	5,304	119,700	4.43%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | Applied Physics Lab

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	10,187.678	10,155.291	0.939	0.023	0	0	0	0

Mobile Combustion - Scope 1	893.8	887.8	0.025	0.02	0	0	0	0
Fugitive - Scope 1	921.263	0	0	0	921.263	0	0	0
Total	12,002.741	11,043.091	0.964	0.043	921.263	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	31,771.011	31,646.873	1.916	0.266	0	0	0	0
Total	31,771.011	31,646.873	1.916	0.266	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	431.489	429.701	0.026	0.004	0	0	0	0
Total	431.489	429.701	0.026	0.004	0	0	0	0

Facility Emissions | DC Campus

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	370.842	369.625	0.034	0.001	0	0	0	0
Mobile Combustion - Scope 1	1.355	1.355	0	0	0	0	0	0

Total	372.197	370.98	0.034	0.001	0	0	0	0
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Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	2,894.103	2,882.843	0.175	0.024	0	0	0	0
Total	2,894.103	2,882.843	0.175	0.024	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1,706.428	1,699.834	0.103	0.014	0	0	0	0
Total	1,706.428	1,699.834	0.103	0.014	0	0	0	0

Facility Emissions | Homewood

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	26,110.398	26,032.117	2.332	0.049	0	0	0	0
Mobile Combustion - Scope 1	2,894.976	2,875.483	0.081	0.065	0	0	0	0
Fugitive - Scope 1	592.13	58.311	0.163	0	529.255	0	0	0
Total	29,597.504	28,965.911	2.576	0.114	529.255	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	34,440.643	34,306.167	2.077	0.288	0	0	0	0
Total	34,440.643	34,306.167	2.077	0.288	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	2,191.836	2,183.37	0.132	0.018	0	0	0	0
Total	2,191.836	2,183.37	0.132	0.018	0	0	0	0

Facility Emissions | Keswick

Equity share - 50.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	331.607	330.502	0.03	0.001	0	0	0	0
Mobile Combustion - Scope 1	0.914	0.914	0	0	0	0	0	0
Fugitive - Scope 1	547.357	0	0	0	547.357	0	0	0
Total	879.878	331.416	0.03	0.001	547.357	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Location Based - Scope 2	735.798	732.976	0.044	0.006	0	0	0	0
Total	735.798	732.976	0.044	0.006	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Leased Buildings

Equity share - 0.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	2,235.731	2,229.071	0.2	0.004	0	0	0	0
Total	2,235.731	2,229.071	0.2	0.004	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	13,031.222	12,980.329	0.786	0.109	0	0	0	0
Total	13,031.222	12,980.329	0.786	0.109	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Market Based - Scope 2	13,031.222	12,980.329	0.786	0.109	0	0	0	0
Total	13,031.222	12,980.329	0.786	0.109	0	0	0	0

Facility Emissions | Mount Washington

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	585.796	584.047	0.053	0.001	0	0	0	0
Mobile Combustion - Scope 1	3.552	3.552	0	0	0	0	0	0
Fugitive - Scope 1	365.693	0	0	0	365.693	0	0	0
Total	955.041	587.599	0.053	0.001	365.693	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	2,010.354	2,002.461	0.121	0.017	0	0	0	0
Total	2,010.354	2,002.461	0.121	0.017	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0

Total	0	0	0	0	0	0	0	0
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Facility Emissions | Peabody

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,193.704	1,190.178	0.107	0.002	0	0	0	0
Fugitive - Scope 1	3.243	0	0	0	3.243	0	0	0
Total	1,196.947	1,190.178	0.107	0.002	3.243	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,484.562	1,478.862	0.09	0.012	0	0	0	0
Total	1,484.562	1,478.862	0.09	0.012	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | School of Medicine

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,330.979	1,326.852	0.119	0.003	0	0	0	0
Total	1,330.979	1,326.852	0.119	0.003	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	25,197.281	25,047.365	1.682	0.388	0	0	0	0
Purchased Cooling - Location Based - Scope 2	5,657.196	5,635.193	0.341	0.047	0	0	0	0
Purchased Steam - Location Based - Scope 2	18,295.577	18,172.218	0.743	0.387	0	0	0	0
Total	49,150.054	48,854.776	2.766	0.822	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	17,705.657	17,585.092	1.23	0.325	0	0	0	0
Purchased Cooling - Market Based - Scope 2	5,657.196	5,635.193	0.341	0.047	0	0	0	0
Purchased Steam - Market Based - Scope 2	18,295.577	18,172.218	0.743	0.387	0	0	0	0
Total	41,658.43	41,392.503	2.314	0.759	0	0	0	0

Facility Emissions | School of Nursing

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	2.616	2.616	0	0	0	0	0	0
Total	2.616	2.616	0	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	479.299	476.548	0.032	0.007	0	0	0	0
Purchased Cooling - Location Based - Scope 2	93.098	92.665	0.006	0.001	0	0	0	0
Purchased Steam - Location Based - Scope 2	163.259	162.268	0.007	0.003	0	0	0	0
Total	735.656	731.481	0.045	0.011	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	397.966	395.355	0.027	0.007	0	0	0	0
Purchased Cooling - Market Based - Scope 2	93.098	92.665	0.006	0.001	0	0	0	0
Purchased Steam - Market Based - Scope 2	163.259	162.268	0.007	0.003	0	0	0	0
Total	654.323	650.288	0.04	0.011	0	0	0	0

Facility Emissions | School of Public Health

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	71.798	71.602	0.007	0	0	0	0	0
Mobile Combustion - Scope 1	5.14	5.14	0	0	0	0	0	0
Fugitive - Scope 1	88.011	0	0	0	88.011	0	0	0
Total	164.949	76.742	0.007	0	88.011	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	6,210.984	6,173.338	0.417	0.098	0	0	0	0
Purchased Cooling - Location Based - Scope 2	2,015.567	2,007.646	0.122	0.017	0	0	0	0
Purchased Steam - Location Based - Scope 2	4,425.545	4,395.595	0.18	0.094	0	0	0	0
Total	12,652.096	12,576.579	0.719	0.209	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	4,845.927	4,813.492	0.335	0.087	0	0	0	0

Purchased Cooling - Market Based - Scope 2	2,015.567	2,007.646	0.122	0.017	0	0	0	0
Purchased Steam - Market Based - Scope 2	4,425.545	4,395.595	0.18	0.094	0	0	0	0
Total	11,287.039	11,216.733	0.637	0.198	0	0	0	0