

Description:

Industry: 61 - Educational Services

Address: 70 Whitney Avenue,
New Haven,
Connecticut, US

Contact:
203-436-3571

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Reporting Information

Inventory Type Complete

Reporting Protocol: GHG Protocol

GWP Standard: AR5

Base Year: 2015

Scope 2 method Location-based

Reporting Year Type Fiscal Year: 07/01/2024 - 06/30/2025

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: GHD (formerly Conestoga-Rovers & Associates Limited)

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	232,813.240456	232,562.186963	126.005365	125.048128	0	0	0	0
Mobile Combustion - Scope 1	2,918.102535	2,861.935035	1.232793	54.934707	0	0	0	0
Fugitive - Scope 1	3,447.6279	0	0	0	3,447.6279	0	0	0
Total	239,178.970891	235,424.121998	127.238158	179.982835	3,447.6279	0	0	0
Applied Offsets	61,949							
Net Total	177,229.970891							

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	40,950.432294	40,657.755621	132.927832	159.748841	0	0	0	0
Total	40,950.432294	40,657.755621	132.927832	159.748841	0	0	0	0
Applied Offsets	0							
Net Total	40,950.432294							

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	40,950.432294	40,657.755621	132.927832	159.748841	0	0	0	0
Total	40,950.432294	40,657.755621	132.927832	159.748841	0	0	0	0
Applied Offsets	0							
Net Total	40,950.432294							

Direct Emissions - Biomass	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)
Mobile Biomass Combustion - Biomass	80.48565	80.48565	0	0	0	0	0	0
Total	80.48565	80.48565	0	0	0	0	0	0
Applied Offsets	0							
Net Total	80.48565							

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	232,813.240456	232,562.186963	4.500189	0.471878	0	0	0	0
Mobile Combustion - Scope 1	2,918.102535	2,861.935035	0.044028	0.2073	0	0	0	0
Fugitive - Scope 1	3,447.6279	0	0	0	3,447.6279	0	0	0
Total	239,178.970891	235,424.121998	4.544217	0.679178	3,447.6279	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	40,950.432294	40,657.755621	4.74742	0.602824	0	0	0	0
Total	40,950.432294	40,657.755621	4.74742	0.602824	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)
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Purchased Electricity - Market Based - Scope 2	40,950.432294	40,657.755621	4.74742	0.602824	0	0	0	0
Total	40,950.432294	40,657.755621	4.74742	0.602824	0	0	0	0

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	80.48565	80.48565	0	0	0	0	0	0
Total	80.48565	80.48565	0	0	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	2,195	280,209	0.78%
Market-based	2,195	280,209	0.78%

*Total based on Scope 1, Scope 2, & biomass emissions

Facility Emissions | Buildings Not Served by Plants

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	15,001.876096	14,986.006075	0.287097	0.029552	0	0	0	0

Fugitive - Scope 1	1,930.68	0	0	0	1,930.68	0	0	0
Total	16,932.556096	14,986.006075	0.287097	0.029552	1,930.68	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	22,230.29461	22,071.474998	2.576208	0.327116	0	0	0	0
Total	22,230.29461	22,071.474998	2.576208	0.327116	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	22,230.29461	22,071.474998	2.576208	0.327116	0	0	0	0
Total	22,230.29461	22,071.474998	2.576208	0.327116	0	0	0	0

Facility Emissions | Central Power Plant

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	93,322.124471	93,222.896125	1.790351	0.185277	0	0	0	0
Fugitive - Scope 1	294.8348	0	0	0	294.8348	0	0	0
Total	93,616.959271	93,222.896125	1.790351	0.185277	294.8348	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	5,813.491177	5,771.922207	0.674264	0.08562	0	0	0	0
Total	5,813.491177	5,771.922207	0.674264	0.08562	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	5,813.491177	5,771.922207	0.674264	0.08562	0	0	0	0
Total	5,813.491177	5,771.922207	0.674264	0.08562	0	0	0	0

Facility Emissions | Fleet Vehicles

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

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Mobile Biomass Combustion - Biomass	80.48565	80.48565	0	0	0	0	0	0
Total	80.48565	80.48565	0	0	0	0	0	0

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)
Mobile Combustion - Scope 1	2,918.102535	2,861.935035	0.044028	0.2073	0	0	0	0
Fugitive - Scope 1	263.9	0	0	0	263.9	0	0	0

Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
Total	3,182.002535	2,861.935035	0.044028	0.2073	263.9	0	0	0

Facility Emissions | Sterling Power Plant

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	106,034.39888	105,918.439273	2.065112	0.219382	0	0	0	0
Fugitive - Scope 1	0	0	0	0	0	0	0	0
Total	106,034.39888	105,918.439273	2.065112	0.219382	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	1,907.774046	1,894.132639	0.221268	0.028097	0	0	0	0
Total	1,907.774046	1,894.132639	0.221268	0.028097	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	1,907.774046	1,894.132639	0.221268	0.028097	0	0	0	0
Total	1,907.774046	1,894.132639	0.221268	0.028097	0	0	0	0

Facility Emissions | West Campus Power Plant

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	18,454.841009	18,434.84549	0.357629	0.037667	0	0	0	0
Fugitive - Scope 1	958.2131	0	0	0	958.2131	0	0	0
Total	19,413.054109	18,434.84549	0.357629	0.037667	958.2131	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	10,998.872461	10,920.225777	1.27568	0.161991	0	0	0	0
Total	10,998.872461	10,920.225777	1.27568	0.161991	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	10,998.872461	10,920.225777	1.27568	0.161991	0	0	0	0
Total	10,998.872461	10,920.225777	1.27568	0.161991	0	0	0	0