

Description:

Industry: 31 - Manufacturing

Address: 7621 Little Ave Ste 500,
Charlotte, North
Carolina, US

Contact:

Reporting Information

Inventory Type Complete

Reporting Protocol: GRP 3.0

GWP Standard: AR5

Base Year: 2019

Scope 2 method Location-based

Reporting Year Type Calendar Year

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Advanced Waste Management
Systems, Inc.

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	574,054.971295	573,513.21874	248.138711	293.613844	0	0	0	0
Mobile Combustion - Scope 1	4,780.544647	4,686.953608	17.436788	76.154251	0	0	0	0
Process - Scope 1	204,914.4498	204,914.4498	0	0	0	0	0	0
Fugitive - Scope 1	7,571.145067	78.06	5,417.490678	8.545983	2,067.048406	0	0	0
Total	791,321.110809	783,192.682148	5,683.066177	378.314078	2,067.048406	0	0	0
Applied Offsets								
Net Total	791,321.110809							

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	422,334.864847	421,402.054711	405.771565	527.038571	0	0	0	0
Purchased Steam - Location Based - Scope 2	675,622.899434	674,894.411868	669.590704	58.896862	0	0	0	0
Total	1,097,957.764281	1,096,296.466579	1,075.362269	585.935433	0	0	0	0
Applied Offsets								
Net Total	1,097,957.764281							

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	213,669.169588	213,048.096999	272.68858	348.384009	0	0	0	0

Purchased Steam - Market Based - Scope 2	589,465.878434	588,737.390868	669.590704	58.896862	0	0	0	0
Total	803,135.048022	801,785.487867	942.279284	407.280871	0	0	0	0
Applied Offsets								
Net Total	803,135.048022							

Indirect Emissions - Market Based - 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)
Purchased Electricity - Market Based - Biomass	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Applied Offsets								
Net Total	0							

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	574,054.971295	573,513.21874	8.862092	1.107969	0	0	0	0
Mobile Combustion - Scope 1	4,780.544647	4,686.953608	0.62273	0.287361	0	0	0	0
Process - Scope 1	204,914.4498	204,914.4498	0	0	0	0	0	0
Fugitive - Scope 1	7,571.145067	78.06	193.48181	0.032249	2,067.048406	0	0	0
Total	791,321.110809	783,192.682148	202.966632	1.427579	2,067.048406	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	422,334.864847	421,402.054711	14.491838	1.988822	0	0	0	0
Purchased Steam - Location Based - Scope 2	675,622.899434	674,894.411868	23.913953	0.222252	0	0	0	0
Total	1,097,957.764281	1,096,296.466579	38.405791	2.211074	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	213,669.169588	213,048.096999	9.738877	1.314655	0	0	0	0
Purchased Steam - Market Based - Scope 2	589,465.878434	588,737.390868	23.913953	0.222252	0	0	0	0
Total	803,135.048022	801,785.487867	33.65283	1.536907	0	0	0	0

Indirect Emissions - Market Based - Biomass	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 - Biomass	0	0	0	0	0	0	0	0
Total	0	0	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	1,385	1,889,280	0.07%

Market-based

1,385

1,594,457

0.09%

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

Facility Emissions | Brazil (Sao Paulo) Office

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

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	2.026528	2.026528	0	0	0	0	0	0
Total	2.026528	2.026528	0	0	0	0	0	0

Facility Emissions | Buenos Aires Office

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)
Mobile Combustion - Scope 1	49.53637	48.40651	0.01972	0.00218	0	0	0	0
Total	49.53637	48.40651	0.01972	0.00218	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	33.63204	33.63204	0	0	0	0	0	0

Total	33.63204	33.63204	0	0	0	0	0	0
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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	33.63204	33.63204	0	0	0	0	0	0
Total	33.63204	33.63204	0	0	0	0	0	0

Facility Emissions | Cedar Creek 22

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	23,908.444804	23,883.903284	0.450226	0.045037	0	0	0	0
Mobile Combustion - Scope 1	201.060933	198.60551	0.02615	0.0065	0	0	0	0
Process - Scope 1	2.676	2.676	0	0	0	0	0	0
Fugitive - Scope 1	39.65167	0	1.26899	0.00083	3.9	0	0	0
Total	24,151.833407	24,085.184794	1.745366	0.052367	3.9	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	11,092.911157	11,039.605033	0.841675	0.112223	0	0	0	0

Total	11,092.911157	11,039.605033	0.841675	0.112223	0	0	0	0
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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	10,175	10,175	0	0	0	0	0	0
Total	10,175	10,175	0	0	0	0	0	0

Facility Emissions | Charlotte Corporate Office 22

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)
Mobile Combustion - Scope 1	16.70395	16.70395	0	0	0	0	0	0
Total	16.70395	16.70395	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	117.122055	116.528936	0.008791	0.001309	0	0	0	0
Total	117.122055	116.528936	0.008791	0.001309	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	117.122055	116.528936	0.008791	0.001309	0	0	0	0

Total	117.122055	116.528936	0.008791	0.001309	0	0	0	0
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Facility Emissions | Clear Path Recycling

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	10,740.031472	10,729.0113	0.202205	0.02022	0	0	0	0
Mobile Combustion - Scope 1	150.394544	146.54968	0.015222	0.0129	0	0	0	0
Fugitive - Scope 1	35.1112	0	1.2464	0.0008	0	0	0	0
Total	10,925.537216	10,875.56098	1.463827	0.03392	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	13,683.005705	13,617.253082	1.038199	0.138426	0	0	0	0
Total	13,683.005705	13,617.253082	1.038199	0.138426	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	12,551	12,551	0	0	0	0	0	0
Total	12,551	12,551	0	0	0	0	0	0

Facility Emissions | Columbia 22

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	77,271.94386	77,191.775652	1.463197	0.147919	0	0	0	0
Mobile Combustion - Scope 1	1,935.755907	1,908.334745	0.154042	0.087197	0	0	0	0
Process - Scope 1	43,066.7349	43,066.7349	0	0	0	0	0	0
Fugitive - Scope 1	223.6168	0	6.9728	0.0046	27.1594	0	0	0
Total	122,498.051467	122,166.845297	8.590039	0.239716	27.1594	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	103,503.48177	102,970.520394	8.370278	1.126768	0	0	0	0
Purchased Steam - Location Based - Scope 2	110,735.622719	110,622	2.08484	0.20848	0	0	0	0
Total	214,239.104489	213,592.520394	10.455118	1.335248	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	103,503.48177	102,970.520394	8.370278	1.126768	0	0	0	0
Purchased Steam - Market Based - Scope 2	110,735.622719	110,622	2.08484	0.20848	0	0	0	0

Total	214,239.104489	213,592.520394	10.455118	1.335248	0	0	0	0
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Facility Emissions | DAK Americas Mexico

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)
Mobile Combustion - Scope 1	65.772791	65.651	0.001217	0.000331	0	0	0	0
Total	65.772791	65.651	0.001217	0.000331	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	30.53	30.53	0	0	0	0	0	0
Total	30.53	30.53	0	0	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	30.53	30.53	0	0	0	0	0	0
Total	30.53	30.53	0	0	0	0	0	0

Facility Emissions | DAK Americas Mexico COSO

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	16,648.990831	16,632.815	0.296737	0.029687	0	0	0	0
Mobile Combustion - Scope 1	53.058079	49.257	0.008762	0.013417	0	0	0	0
Process - Scope 1	160.87	160.87	0	0	0	0	0	0
Fugitive - Scope 1	230.296148	70.64	1.8093	0.0012	108.67775	0	0	0
Total	17,093.215058	16,913.582	2.114799	0.044304	108.67775	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	17,194.942	17,194.942	0	0	0	0	0	0
Purchased Steam - Location Based - Scope 2	8,230.571	8,230.571	0	0	0	0	0	0
Total	25,425.513	25,425.513	0	0	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	15,389.08	15,389.08	0	0	0	0	0	0
Purchased Steam - Market Based - Scope 2	7,486.83	7,486.83	0	0	0	0	0	0
Total	22,875.91	22,875.91	0	0	0	0	0	0

Facility Emissions | Dubai office

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)
Mobile Combustion - Scope 1	10.88875	10.87	0.000187	0.000051	0	0	0	0
Total	10.88875	10.87	0.000187	0.000051	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	41.088	41.088	0	0	0	0	0	0
Total	41.088	41.088	0	0	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	41.088	41.088	0	0	0	0	0	0
Total	41.088	41.088	0	0	0	0	0	0

Facility Emissions | Ecopek

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)
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Stationary Combustion - Scope 1	1,108.188	1,108.188	0	0	0	0	0	0
Mobile Combustion - Scope 1	28.201988	27.73	0.002471	0.00152	0	0	0	0
Fugitive - Scope 1	15.864399	0	0.5628	0.0004	0	0	0	0
Total	1,152.254387	1,135.918	0.565271	0.00192	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	3,957	3,957	0	0	0	0	0	0
Total	3,957	3,957	0	0	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 | Monterrey Office

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)
Mobile Combustion - Scope 1	16.21998	16.16	0.00006	0.00022	0	0	0	0

Total	16.21998	16.16	0.00006	0.00022	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	87.04	87.04	0	0	0	0	0	0
Total	87.04	87.04	0	0	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 | Muscat Office

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)
Mobile Combustion - Scope 1	9.426258	9.4209	0.000053	0.000014	0	0	0	0
Total	9.426258	9.4209	0.000053	0.000014	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	106.178631	106.178631	0	0	0	0	0	0

Total	106.178631	106.178631	0	0	0	0	0	0
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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	106.178631	106.178631	0	0	0	0	0	0
Total	106.178631	106.178631	0	0	0	0	0	0

Facility Emissions | Pearl River 22

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

Indirect Emissions - Market Based - Biomass	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 - Biomass	0	0	0	0	0	0	0	0
Total	0	0	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)
Stationary Combustion - Scope 1	57,296.766719	57,237.97588	1.078731	0.107873	0	0	0	0
Mobile Combustion - Scope 1	372.905949	369.622144	0.029801	0.009241	0	0	0	0
Process - Scope 1	50.4418	50.4418	0	0	0	0	0	0
Fugitive - Scope 1	138.497075	0	2.56242	0.001619	66.32028	0	0	0

Total	57,858.611543	57,658.039824	3.670952	0.118733	66.32028	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	47,887.534948	47,680.006232	3.1186	0.453614	0	0	0	0
Total	47,887.534948	47,680.006232	3.1186	0.453614	0	0	0	0

Facility Emissions | Plano Office

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

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	138.609	138.12	0.008	0.001	0	0	0	0
Total	138.609	138.12	0.008	0.001	0	0	0	0

Facility Emissions | PQS

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	150,295.295158	150,149.336	2.67337	0.26832	0	0	0	0
Mobile Combustion - Scope 1	4.603293	4.545	0.000102	0.000209	0	0	0	0

Process - Scope 1	51,911	51,911	0	0	0	0	0	0
Fugitive - Scope 1	802.5481	6.78	28.2452	0.0185	0	0	0	0
Total	203,013.446551	202,071.661	30.918672	0.287029	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	12,914	12,914	0	0	0	0	0	0
Total	12,914	12,914	0	0	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	12,914	12,914	0	0	0	0	0	0
Total	12,914	12,914	0	0	0	0	0	0

Facility Emissions | PTA Altamira

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	89,192.93314	89,106.342	1.588327	0.158935	0	0	0	0
Mobile Combustion - Scope 1	570.96112	559.553	0.063355	0.036355	0	0	0	0

Process - Scope 1	77,809.43	77,809.43	0	0	0	0	0	0
Fugitive - Scope 1	283.9824	0	0	0	283.9824	0	0	0
Total	167,857.30666	167,475.325	1.651682	0.19529	283.9824	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	74,795	74,795	0	0	0	0	0	0
Purchased Steam - Location Based - Scope 2	275,653	275,653	0	0	0	0	0	0
Total	350,448	350,448	0	0	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	150	150	0	0	0	0	0	0
Purchased Steam - Market Based - Scope 2	247,423.72	247,423.72	0	0	0	0	0	0
Total	247,573.72	247,573.72	0	0	0	0	0	0

Facility Emissions | PTA COSO

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)
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Stationary Combustion - Scope 1	6,729.878799	6,723.35	0.1196	0.012	0	0	0	0
Mobile Combustion - Scope 1	188.386421	180.864	0.071779	0.020802	0	0	0	0
Process - Scope 1	31,535.3371	31,535.3371	0	0	0	0	0	0
Fugitive - Scope 1	4,044.655999	0.64	144.3003	0	3.607599	0	0	0
Total	42,498.258319	38,440.1911	144.491679	0.032802	3.607599	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	41,121.6	41,121.6	0	0	0	0	0	0
Purchased Steam - Location Based - Scope 2	276,649	276,649	0	0	0	0	0	0
Total	317,770.6	317,770.6	0	0	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	34,847.3302	34,847.3302	0	0	0	0	0	0
Purchased Steam - Market Based - Scope 2	219,465	219,465	0	0	0	0	0	0
Total	254,312.3302	254,312.3302	0	0	0	0	0	0

Facility Emissions | Reading

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	15,955.756439	15,939.33266	0.300909	0.03018	0	0	0	0
Mobile Combustion - Scope 1	40.393874	39.544259	0.005527	0.002621	0	0	0	0
Fugitive - Scope 1	164.970888	0	1.4206	0.0009	124.955588	0	0	0
Total	16,161.121201	15,978.876919	1.727036	0.033701	124.955588	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	2,830.153426	2,819.0949	0.170641	0.0237	0	0	0	0
Total	2,830.153426	2,819.0949	0.170641	0.0237	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	3,129.615306	3,116.106177	0.213302	0.02844	0	0	0	0
Total	3,129.615306	3,116.106177	0.213302	0.02844	0	0	0	0

Facility Emissions | Richmond

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	4,609.648111	4,604.91822	0.086787	0.008678	0	0	0	0
Mobile Combustion - Scope 1	835.765633	814.70455	0.085062	0.070487	0	0	0	0
Fugitive - Scope 1	43.0462	0	1.5279	0.001	0	0	0	0
Total	5,488.459944	5,419.62277	1.699749	0.080165	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	12,070.709587	12,009.588935	0.935654	0.131782	0	0	0	0
Total	12,070.709587	12,009.588935	0.935654	0.131782	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	13,253.561586	13,179.552621	1.146506	0.158138	0	0	0	0
Total	13,253.561586	13,179.552621	1.146506	0.158138	0	0	0	0

Facility Emissions | Riyadh

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)
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Stationary Combustion - Scope 1	12,148.7249	12,109	0.4903	0.0981	0	0	0	0
Mobile Combustion - Scope 1	67.796	66.01	0.007	0.006	0	0	0	0
Total	12,216.5209	12,175.01	0.4973	0.1041	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	882	882	0	0	0	0	0	0
Total	882	882	0	0	0	0	0	0

Facility Emissions | Salalah

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	62,462.8378	62,460	0.0351	0.007	0	0	0	0
Mobile Combustion - Scope 1	62.784101	55.68	0.123919	0.013714	0	0	0	0
Fugitive - Scope 1	1,349.645389	0	0	0	1,349.645389	0	0	0
Total	63,875.26729	62,515.68	0.159019	0.020714	1,349.645389	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	59,912	59,912	0	0	0	0	0	0
Total	59,912	59,912	0	0	0	0	0	0

Facility Emissions | Selenis Canada

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	13,012.635041	12,964.398112	0.076312	0.173962	0	0	0	0
Mobile Combustion - Scope 1	70.818066	70.18136	0.005671	0.001802	0	0	0	0
Process - Scope 1	346	346	0	0	0	0	0	0
Fugitive - Scope 1	24.927799	0	0.8846	0.0006	0	0	0	0
Total	13,454.380906	13,380.579472	0.966583	0.176364	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	49.75	49.75	0	0	0	0	0	0
Purchased Steam - Location Based - Scope 2	2,076.795715	1,461.930868	21.829113	0.013772	0	0	0	0
Total	2,126.545715	1,511.680868	21.829113	0.013772	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	82	82	0	0	0	0	0	0
Purchased Steam - Market Based - Scope 2	2,076.795715	1,461.930868	21.829113	0.013772	0	0	0	0
Total	2,158.795715	1,543.930868	21.829113	0.013772	0	0	0	0

Facility Emissions | Wilton

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	15,362.69	15,362.69	0	0	0	0	0	0
Mobile Combustion - Scope 1	10.46	10.22	0.001	0.0008	0	0	0	0
Fugitive - Scope 1	98.8	0	0	0	98.8	0	0	0
Total	15,471.95	15,372.91	0.001	0.0008	98.8	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	7,345.55	7,345.55	0	0	0	0	0	0
Purchased Steam - Location Based - Scope 2	2,277.91	2,277.91	0	0	0	0	0	0
Total	9,623.46	9,623.46	0	0	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	7,345.55	7,345.55	0	0	0	0	0	0
Purchased Steam - Market Based - Scope 2	2,277.91	2,277.91	0	0	0	0	0	0
Total	9,623.46	9,623.46	0	0	0	0	0	0

Facility Emissions | Zarate

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	17,310.206221	17,310.182632	0.000291	0.000058	0	0	0	0
Mobile Combustion - Scope 1	18.65064	18.34	0.00163	0.001	0	0	0	0
Process - Scope 1	31.96	31.96	0	0	0	0	0	0
Fugitive - Scope 1	75.531	0	2.6805	0.0018	0	0	0	0
Total	17,436.347861	17,360.482632	2.682421	0.002858	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	12,539	12,539	0	0	0	0	0	0

Total	12,539	12,539	0	0	0	0	0	0
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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