

Description:	Facility is a Nominal 625-MW combined-cycle plant with two GE 7FA+e natural gas turbines, a steam turbine, and two heat recovery steam generators with SCR&OC. General Reporting Protocol Version 3.0 used.		
Industry:	22 - Utilities		
Address:	Carretera Mexicali - Tijuana, Km. 14.5, Mexicali, Alabama, US	Contact:	Renato Rodriguez Maldonado

**Reporting Information**

Inventory Type	Complete
Reporting Protocol:	GRP 3.0
GWP Standard:	AR6
Base Year:	2023
Scope 2 method	Location-based
Reporting Year Type	Calendar Year
Consolidation Methodology:	Operational Control Only
Status:	TCR Accepted

**Verification Information**

Verification Body:	TÜV SÜD America, Inc - Ruby Canyon
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	1,395,849.198517	1,374,955.496581	643.740495	20,249.961441	0	0	0	0
Mobile Combustion - Scope 1	33.091086	32.73094	0.03943	0.320716	0	0	0	0
Process - Scope 1	9,483.89	321.17	9,162.72	0	0	0	0	0
Fugitive - Scope 1	7,673.0432	0.14	0	0	91.3032	0	0	7,581.6
<b>Total</b>	<b>1,413,039.222803</b>	<b>1,375,309.537521</b>	<b>9,806.499925</b>	<b>20,250.282157</b>	<b>91.3032</b>	<b>0</b>	<b>0</b>	<b>7,581.6</b>
<b>Applied Offsets</b>								
<b>Net Total</b>	<b>1,413,039.222803</b>							

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	2,767.088387	2,762.632044	2.013408	2.442935	0	0	0	0
<b>Total</b>	<b>2,767.088387</b>	<b>2,762.632044</b>	<b>2.013408</b>	<b>2.442935</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>								
<b>Net Total</b>	<b>2,767.088387</b>							

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	2,767.088387	2,762.632044	2.013408	2.442935	0	0	0	0
<b>Total</b>	<b>2,767.088387</b>	<b>2,762.632044</b>	<b>2.013408</b>	<b>2.442935</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Applied Offsets</b>								

**Net Total** 2,767.088387

## 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	1,395,849.198517	1,374,955.496581	23.84224	74.175683	0	0	0	0
Mobile Combustion - Scope 1	33.091086	32.73094	0.001454	0.001169	0	0	0	0
Process - Scope 1	9,483.89	321.17	339.36	0	0	0	0	0
Fugitive - Scope 1	7,673.0432	0.14	0	0	91.3032	0	0	0.312
<b>Total</b>	<b>1,413,039.222803</b>	<b>1,375,309.537521</b>	<b>363.203694</b>	<b>74.176852</b>	<b>91.3032</b>	<b>0</b>	<b>0</b>	<b>0.312</b>

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	2,767.088387	2,762.632044	0.07457	0.008948	0	0	0	0
<b>Total</b>	<b>2,767.088387</b>	<b>2,762.632044</b>	<b>0.07457</b>	<b>0.008948</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	2,767.088387	2,762.632044	0.07457	0.008948	0	0	0	0
<b>Total</b>	<b>2,767.088387</b>	<b>2,762.632044</b>	<b>0.07457</b>	<b>0.008948</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	9,469	1,415,806	0.67%
Market-based	9,469	1,415,806	0.67%

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

## Facility Emissions | TDM - Ground-Based Fleet

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	24.051817	23.87654	0.000859	0.000552	0	0	0	0
Fugitive - Scope 1	2.754	0	0	0	2.754	0	0	0
<b>Total</b>	<b>26.805817</b>	<b>23.87654</b>	<b>0.000859</b>	<b>0.000552</b>	<b>2.754</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Facility Emissions | TDM - Lagoon Pumping Station

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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Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	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	1,468.45	1,468.45	0	0	0	0	0	0
<b>Total</b>	1,468.45	1,468.45	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	1,468.45	1,468.45	0	0	0	0	0	0
<b>Total</b>	1,468.45	1,468.45	0	0	0	0	0	0

## Facility Emissions | TDM - Stationary, Onsite Mobile, Fugitive, Process, Indirect

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	1,395,849.1985 17	1,374,955.4965 81	23.84224	74.175683	0	0	0	0
Mobile Combustion - Scope 1	9.039269	8.8544	0.000595	0.000617	0	0	0	0
Process - Scope 1	9,483.89	321.17	339.36	0	0	0	0	0

Fugitive - Scope 1	7,670.2892	0.14	0	0	88.5492	0	0	0.312
<b>Total</b>	1,413,012.4169 86	1,375,285.6609 81	363.202835	74.1763	88.5492	0	0	0.312

<b>Scope 2 - Location Based - Indirect Emissions</b>	<b>Total CO2e (t)</b>	<b>CO2 (t)</b>	<b>CH4 (t)</b>	<b>N2O (t)</b>	<b>HFC (t of CO2e)</b>	<b>PFC (t of CO2e)</b>	<b>NF3 (t)</b>	<b>SF6 (t)</b>
Purchased Electricity - Location Based - Scope 2	1,298.638387	1,294.182044	0.07457	0.008948	0	0	0	0
<b>Total</b>	1,298.638387	1,294.182044	0.07457	0.008948	0	0	0	0

<b>Scope 2 - Market Based - Indirect Emissions</b>	<b>Total CO2e (t)</b>	<b>CO2 (t)</b>	<b>CH4 (t)</b>	<b>N2O (t)</b>	<b>HFC (t of CO2e)</b>	<b>PFC (t of CO2e)</b>	<b>NF3 (t)</b>	<b>SF6 (t)</b>
Purchased Electricity - Market Based - Scope 2	1,298.638387	1,294.182044	0.07457	0.008948	0	0	0	0
<b>Total</b>	1,298.638387	1,294.182044	0.07457	0.008948	0	0	0	0