

Description:	The Port's GHG Emissions Inventory quantifies and tracks emissions from sources associated with the Port's Maritime Division, Economic Development Division, and the Corporate Division's operations related to the seaport. This inventory also includes GHG emissions associated with Seattle-Tacoma International Airport (SEA Airport), which are inventoried separately and when combined, represent the total GHG emissions for the Port. It does not quantify emissions from cargo terminals in Seattle's Elliott Bay operated by the Northwest Seaport Alliance (NWSA).		
Industry:	92 - Public Administration		
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**Reporting Information**

Reporting Protocol:	GHG Protocol	
GWP Standard:	AR5	
Base Year:	2005	
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 CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	9,230.47558	9,210	10.24128	10.2343	0	0	0	0
Mobile Combustion - Scope 1	1,593.09055	1,581.22	1.2096	10.66095	0	0	0	0
<b>Total</b>	10,823.56613	10,791.22	11.45088	20.89525	0	0	0	0
<b>Applied Offsets</b>								
<b>Net Total</b>	10,823.56613							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Scope 2	3,908.595	3,866	18.48	24.115	0	0	0	0
<b>Total</b>	3,908.595	3,866	18.48	24.115	0	0	0	0
<b>Applied Offsets</b>								
<b>Net Total</b>	3,908.595							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	40,019.715	39,767	112	140.715	0	0	0	0
<b>Total</b>	40,019.715	39,767	112	140.715	0	0	0	0
<b>Applied Offsets</b>								
<b>Net Total</b>	40,019.715							

Direct Emissions - Biomass	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
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Stationary Biomass Combustion - Biomass	9,580	9,580	0	0	0	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	3,496	3,496	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0	0
<b>Total</b>	13,076	13,076	0	0	0	0	0	0	0
<b>Applied Offsets</b>									
<b>Net Total</b>	13,076								

## 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	9,230.47558	9,210	0.36576	0.03862	0	0	0	0
Mobile Combustion - Scope 1	1,593.09055	1,581.22	0.0432	0.04023	0	0	0	0
<b>Total</b>	10,823.56613	10,791.22	0.40896	0.07885	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 - Scope 2	3,908.595	3,866	0.66	0.091	0	0	0	0
<b>Total</b>	3,908.595	3,866	0.66	0.091	0	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	40,019.715	39,767	4	0.531	0	0	0	0
<b>Total</b>	40,019.715	39,767	4	0.531	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)
Stationary Biomass Combustion - Biomass	9,580	9,580	0	0	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	3,496	3,496	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
<b>Total</b>	13,076	13,076	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	0	63,920	0.00%
Market-based	0	27,809	0.00%
*Total based on Scope 1, Scope 2, & biomass emissions			

## Facility Emissions | Port of Seattle Seaport Operations

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)
Stationary Biomass Combustion - Biomass	915	915	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	222	222	0	0	0	0	0	0
<b>Total</b>	1,137	1,137	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	11.97958	11	0.01776	0.00182	0	0	0	0
Mobile Combustion - Scope 1	569.94655	565.22	0.0152	0.01623	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
<b>Total</b>	581.92613	576.22	0.03296	0.01805	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	6,121.465	6,072	1	0.081	0	0	0	0
<b>Total</b>	6,121.465	6,072	1	0.081	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 - Scope 2	253	234	0.3	0.04	0	0	0	0
<b>Total</b>	253	234	0.3	0.04	0	0	0	0

## Facility Emissions | Seattle-Tacoma International Airport

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)
Stationary Biomass Combustion - Biomass	8,665	8,665	0	0	0	0	0	0
Mobile Biomass Combustion - Biomass	3,274	3,274	0	0	0	0	0	0
<b>Total</b>	11,939	11,939	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	9,218.496	9,199	0.348	0.0368	0	0	0	0

Mobile Combustion - Scope 1	1,023.144	1,016	0.028	0.024	0	0	0	0
Stationary Combustion - Scope 1	0	0	0	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0
<b>Total</b>	10,241.64	10,215	0.376	0.0608	0	0	0	0

<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	33,898.25	33,695	3	0.45	0	0	0	0
<b>Total</b>	33,898.25	33,695	3	0.45	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 - Scope 2	3,655.595	3,632	0.36	0.051	0	0	0	0
<b>Total</b>	3,655.595	3,632	0.36	0.051	0	0	0	0