

Description:	Sound Transit builds and operates regional transit service throughout the urban areas of Pierce, King and Snohomish Counties in Washington State. Transit services include Link light rail; Sounder commuter rail; ST Express Bus; Tacoma Link light rail; and soon, Bus Rapid Transit. With voter-approval, Sound Transit is in the process of planning and building the most ambitious transit expansion in the country. Sound Transit achieved the Platinum level of recognition under the APTA Sustainability Commitment in 2015, and is seeking to achieve carbon neutral operations by 2050.		
Industry:	48 - Transportation and Warehousing		
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Reporting Information

Inventory Type	Complete
Reporting Protocol:	GRP 3.0
GWP Standard:	AR6
Base Year:	2018
Scope 2 method	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	692.9691	692.265921	0.361266	0.341913	0	0	0	0
Mobile Combustion - Scope 1	42,177.879094	41,894.0666	182.408638	101.403856	0	0	0	0
Fugitive - Scope 1	3,295.780539	0	0	0	3,295.780539	0	0	0
Total	46,166.628733	42,586.332521	182.769904	101.745769	3,295.780539	0	0	0
Applied Offsets								
Net Total	46,166.628733							

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	16,405.970358	16,302.21	41.842392	61.917966	0	0	0	0
Total	16,405.970358	16,302.21	41.842392	61.917966	0	0	0	0
Applied Offsets								
Net Total	16,405.970358							

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	1,833.6972	1,784.601	18.684	30.4122	0	0	0	0
Total	1,833.6972	1,784.601	18.684	30.4122	0	0	0	0
Applied Offsets								
Net Total	1,833.6972							

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	692.9691	692.265921	0.012902	0.00129	0	0	0	0
Mobile Combustion - Scope 1	42,177.879094	41,894.0666	6.755819	0.371504	0	0	0	0
Fugitive - Scope 1	3,295.780539	0	0	0	3,295.780539	0	0	0
Total	46,166.628733	42,586.332521	6.768721	0.372794	3,295.780539	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	16,405.970358	16,302.21	1.54925	0.22686	0	0	0	0
Total	16,405.970358	16,302.21	1.54925	0.22686	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	1,833.6972	1,784.601	0.692	0.1114	0	0	0	0
Total	1,833.6972	1,784.601	0.692	0.1114	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	3,296	62,573	5.27%
Market-based	3,296	48,001	6.87%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | Diesel - Generators

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	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Diesel - Non-Revenue 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	203.724538	199.86	0.001519	0.014	0	0	0	0
Total	203.724538	199.86	0.001519	0.014	0	0	0	0

Facility Emissions | Diesel - Sounder Commuter Rail

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	11,355.52	11,255.32	0.88	0.28	0	0	0	0
Total	11,355.52	11,255.32	0.88	0.28	0	0	0	0

Facility Emissions | Diesel - ST Express Buses

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	27,117.016	27,098.2	0.07	0.062	0	0	0	0
Total	27,117.016	27,098.2	0.07	0.062	0	0	0	0

Facility Emissions | Electricity - Central Link TPSS

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	8,689.87	8,634.97	0.82	0.12	0	0	0	0
Total	8,689.87	8,634.97	0.82	0.12	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	254.625	232.821	0.302	0.05	0	0	0	0
Total	254.625	232.821	0.302	0.05	0	0	0	0

Facility Emissions | Electricity - Facility

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	7,585.7232	7,537.71	0.7166	0.105	0	0	0	0
Total	7,585.7232	7,537.71	0.7166	0.105	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	1,571.71	1,545.07	0.38	0.06	0	0	0	0
Total	1,571.71	1,545.07	0.38	0.06	0	0	0	0

Facility Emissions | Electricity - Tacoma Link TPSS

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	130.377158	129.53	0.01265	0.00186	0	0	0	0
Total	130.377158	129.53	0.01265	0.00186	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	7.3622	6.71	0.01	0.0014	0	0	0	0
Total	7.3622	6.71	0.01	0.0014	0	0	0	0

Facility Emissions | Fugitive Emissions

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)
Fugitive - Scope 1	3,295.780539	0	0	0	3,295.780539	0	0	0
Total	3,295.780539	0	0	0	3,295.780539	0	0	0

Facility Emissions | Gasoline - Non-Revenue 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)
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Mobile Combustion - Scope 1	462.5702	458.615	0.011	0.0134	0	0	0	0
Total	462.5702	458.615	0.011	0.0134	0	0	0	0

Facility Emissions | Natural Gas - Facility

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	692.968879	692.2657	0.012902	0.00129	0	0	0	0
Total	692.968879	692.2657	0.012902	0.00129	0	0	0	0

Facility Emissions | Natural Gas - ST Express Buses

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	3,039.048356	2,882.0716	5.7933	0.002104	0	0	0	0
Total	3,039.048356	2,882.0716	5.7933	0.002104	0	0	0	0

Facility Emissions | Other Misc. Combustion

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	0.000221	0.000221	0	0	0	0	0	0
Total	0.000221	0.000221	0	0	0	0	0	0