

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		
Address:	401 S Jackson St, Seattle, Washington, US	Contact: Jamie Brinkley	www.soundtransit.org

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	1,085.970224	1,084.855926	0.572483	0.541815	0	0	0	0
Mobile Combustion - Scope 1	41,196.658128	40,920.740397	164.177739	111.739992	0	0	0	0
Fugitive - Scope 1	3,954	0	0	0	3,954	0	0	0
Total	46,236.628352	42,005.596323	164.750222	112.281807	3,954	0	0	0
Applied Offsets								
Net Total	46,236.628352							

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	22,166.374644	22,036.273353	54.255698	75.845593	0	0	0	0
Total	22,166.374644	22,036.273353	54.255698	75.845593	0	0	0	0
Applied Offsets								
Net Total	22,166.374644							

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	2,186.8128	2,089.296	84.6585	12.8583	0	0	0	0
Total	2,186.8128	2,089.296	84.6585	12.8583	0	0	0	0
Applied Offsets								
Net Total	2,186.8128							

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	1,085.970224	1,084.855926	0.020446	0.002045	0	0	0	0
Mobile Combustion - Scope 1	41,196.658128	40,920.740397	6.080657	0.409304	0	0	0	0
Fugitive - Scope 1	3,954	0	0	0	3,954	0	0	0
Total	46,236.628352	42,005.596323	6.101103	0.411349	3,954	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	22,166.374644	22,036.273353	2.009132	0.27786	0	0	0	0
Total	22,166.374644	22,036.273353	2.009132	0.27786	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	2,186.8128	2,089.296	3.1355	0.0471	0	0	0	0
Total	2,186.8128	2,089.296	3.1355	0.0471	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	3,954	68,403	5.78%
Market-based	3,954	48,424	8.17%
*Total based on Scope 1, Scope 2, & biomass emissions			

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	162.620281	159.620281	0.01	0.01	0	0	0	0
Total	162.620281	159.620281	0.01	0.01	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	13,343.192747	13,225.111016	1.033657	0.330304	0	0	0	0
Total	13,343.192747	13,225.111016	1.033657	0.330304	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	24,382.5553	24,366.0841	0.06	0.0544	0	0	0	0
Total	24,382.5553	24,366.0841	0.06	0.0544	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	14,361.66	14,277.42	1.3	0.18	0	0	0	0
Total	14,361.66	14,277.42	1.3	0.18	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	1,270.95	1,204.44	2.16	0.03	0	0	0	0
Total	1,270.95	1,204.44	2.16	0.03	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	7,704.2078	7,658.936	0.7	0.0966	0	0	0	0
Total	7,704.2078	7,658.936	0.7	0.0966	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	912.332	881.366	0.975	0.017	0	0	0	0
Total	912.332	881.366	0.975	0.017	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	100.506844	99.917353	0.009132	0.00126	0	0	0	0
Total	100.506844	99.917353	0.009132	0.00126	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	3.5308	3.49	0.0005	0.0001	0	0	0	0

Total	3.5308	3.49	0.0005	0.0001	0	0	0	0
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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	3,954	0	0	0	3,954	0	0	0
Total	3,954	0	0	0	3,954	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)
Mobile Combustion - Scope 1	625.4635	621.595	0.027	0.0115	0	0	0	0
Total	625.4635	621.595	0.027	0.0115	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	1,085.970224	1,084.855926	0.020446	0.002045	0	0	0	0
Total	1,085.970224	1,084.855926	0.020446	0.002045	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	2,682.8263	2,548.33	4.95	0.0031	0	0	0	0
Total	2,682.8263	2,548.33	4.95	0.0031	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	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0