

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	748.78577	747.97522	0.3892	0.42135	0	0	0	0
Mobile Combustion - Scope 1	50,483.15391	50,168.88972	192.42735	121.83684	0	0	0	0
Fugitive - Scope 1	3,577.73	0	0	0	3,577.73	0	0	0
Total	54,809.66968	50,916.86494	192.81655	122.25819	3,577.73	0	0	0
Applied Offsets								
Net Total	54,809.66968							

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	16,189.4053	16,084.01	43.5304	61.8649	0	0	0	0
Total	16,189.4053	16,084.01	43.5304	61.8649	0	0	0	0
Applied Offsets								
Net Total	16,189.4053							

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	4,675.672	4,612.81	23.004	39.858	0	0	0	0
Total	4,675.672	4,612.81	23.004	39.858	0	0	0	0
Applied Offsets								
Net Total	4,675.672							

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	748.78577	747.97522	0.0139	0.00159	0	0	0	0
Mobile Combustion - Scope 1	50,483.15391	50,168.88972	7.12383	0.4486	0	0	0	0
Fugitive - Scope 1	3,577.73	0	0	0	3,577.73	0	0	0
Total	54,809.66968	50,916.86494	7.13773	0.45019	3,577.73	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	16,189.4053	16,084.01	1.6118	0.22666	0	0	0	0
Total	16,189.4053	16,084.01	1.6118	0.22666	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	4,675.672	4,612.81	0.852	0.146	0	0	0	0
Total	4,675.672	4,612.81	0.852	0.146	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	3,578	70,999	5.04%
Market-based	3,578	59,486	6.01%
*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	4.59095	4.53222	0.00011	0.00021	0	0	0	0
Total	4.59095	4.53222	0.00011	0.00021	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	178.57539	177.12275	0.00118	0.0052	0	0	0	0
Total	178.57539	177.12275	0.00118	0.0052	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	14,577.66734	14,448.656	1.1293	0.36088	0	0	0	0
Total	14,577.66734	14,448.656	1.1293	0.36088	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	31,994.42218	31,973.7661	0.07446	0.07008	0	0	0	0
Total	31,994.42218	31,973.7661	0.07446	0.07008	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	9,088.249	9,029.17	0.904	0.127	0	0	0	0
Total	9,088.249	9,029.17	0.904	0.127	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	1,963.316	1,931.72	0.422	0.074	0	0	0	0
Total	1,963.316	1,931.72	0.422	0.074	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	6,996.126	6,950.58	0.696	0.098	0	0	0	0
Total	6,996.126	6,950.58	0.696	0.098	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	2,705.5	2,675.05	0.42	0.07	0	0	0	0
Total	2,705.5	2,675.05	0.42	0.07	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	105.0303	104.26	0.0118	0.00166	0	0	0	0
Total	105.0303	104.26	0.0118	0.00166	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	6.856	6.04	0.01	0.002	0	0	0	0
Total	6.856	6.04	0.01	0.002	0	0	0	0

Facility Emissions | Fugitive Gases

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	3,577.73	0	0	0	3,577.73	0	0	0
Total	3,577.73	0	0	0	3,577.73	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	487.79662	485.23487	0.0083	0.00879	0	0	0	0
Total	487.79662	485.23487	0.0083	0.00879	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	744.16182	743.41	0.01379	0.00138	0	0	0	0
Total	744.16182	743.41	0.01379	0.00138	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	3,244.69238	3,084.11	5.91059	0.00365	0	0	0	0
Total	3,244.69238	3,084.11	5.91059	0.00365	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	0.033	0.033	0	0	0	0	0	0
Total	0.033	0.033	0	0	0	0	0	0