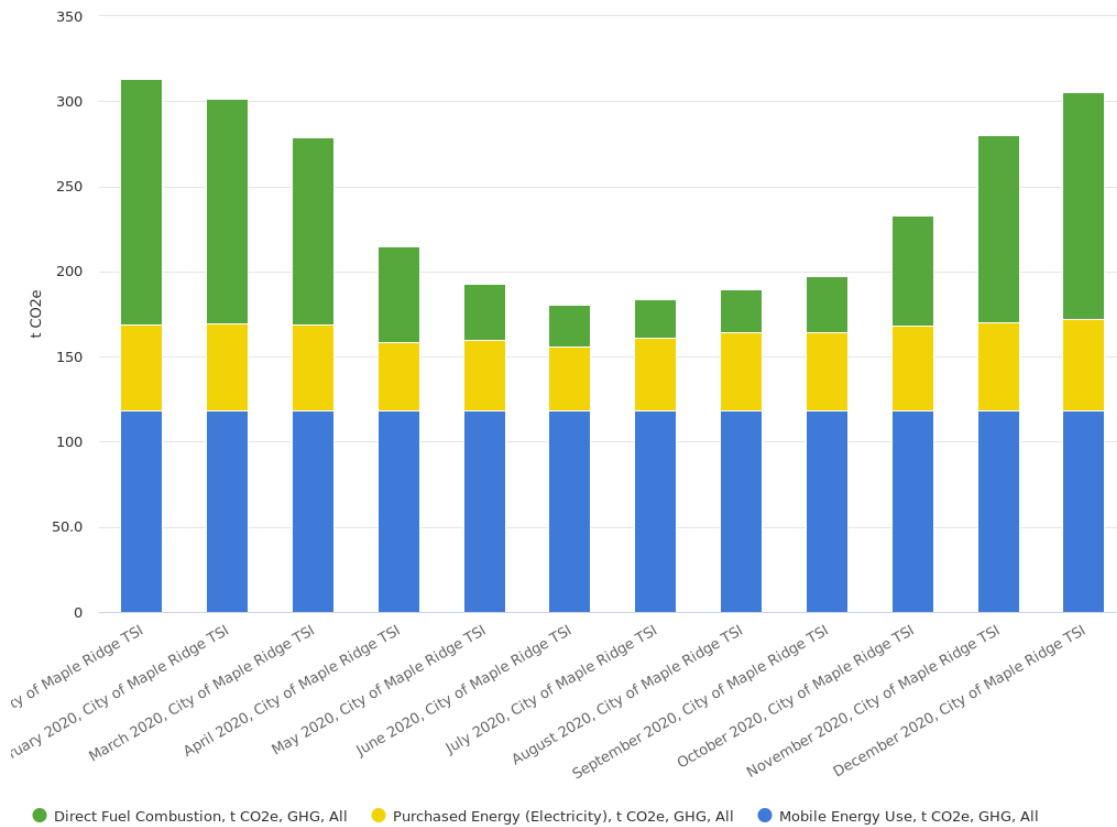




2020 BC Traditional Services GHG Inventory

<u>Reporting Entity:</u>	City of Maple Ridge
<u>Reporting Year:</u>	Calendar Year 2020
<u>Inventory Scope:</u>	BC Traditional Services Inventory “TSI”
<u>Quantification Methodology:</u>	2020 B.C. Best Practices Methodology for Quantification GHG Emissions, Local Governments & Public Sector Organizations
<u>System Support:</u>	SoFi GHG Reporting by GHG Accounting Services
<u>Data collection:</u>	City of Maple Ridge
<u>Data Entry:</u>	Data Upload

Total TSI GHG Inventory: 2,871 t CO₂e



Total Energy Consumption by Energy Type for Traditional Services Inventory:

	City of Maple Ridge TSI
Natural Gas Stationary [GJ]	17,132
Propane [l]	344
Light Fuel Oil [l]	
Diesel Fuel [l]	12,620
Electricity [kWh]	14,053,334
Gasoline [l]	245,473
Diesel [l]	318,835
Electricity Mobile [kWh]	1,148
Gasoline – Car [l]	199

Category 1:

	City of Maple Ridge TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 1
Direct Fuel Combustion	17,624	883	0.018832	0.020483	890

Category 2:

	City of Maple Ridge TSI	
	kWh	t CO ₂ e, GHG, Category 2
Purchased Energy (Electricity)	14,053,334	564

Category 3:

	City of Maple Ridge TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 3
Mobile Fuel Use	20,807	1,364	0.094222	0.173292	1,417

Biogenic GHG Emissions:

	City of Maple Ridge TSI		
	t Bio CH ₄	t Bio CO ₂	t Bio CO ₂ e, GHG, All
Direct Fuel Combustion		1.25	1.25
Mobile Energy Use		50.1	50.1
Total		51.4	51.4

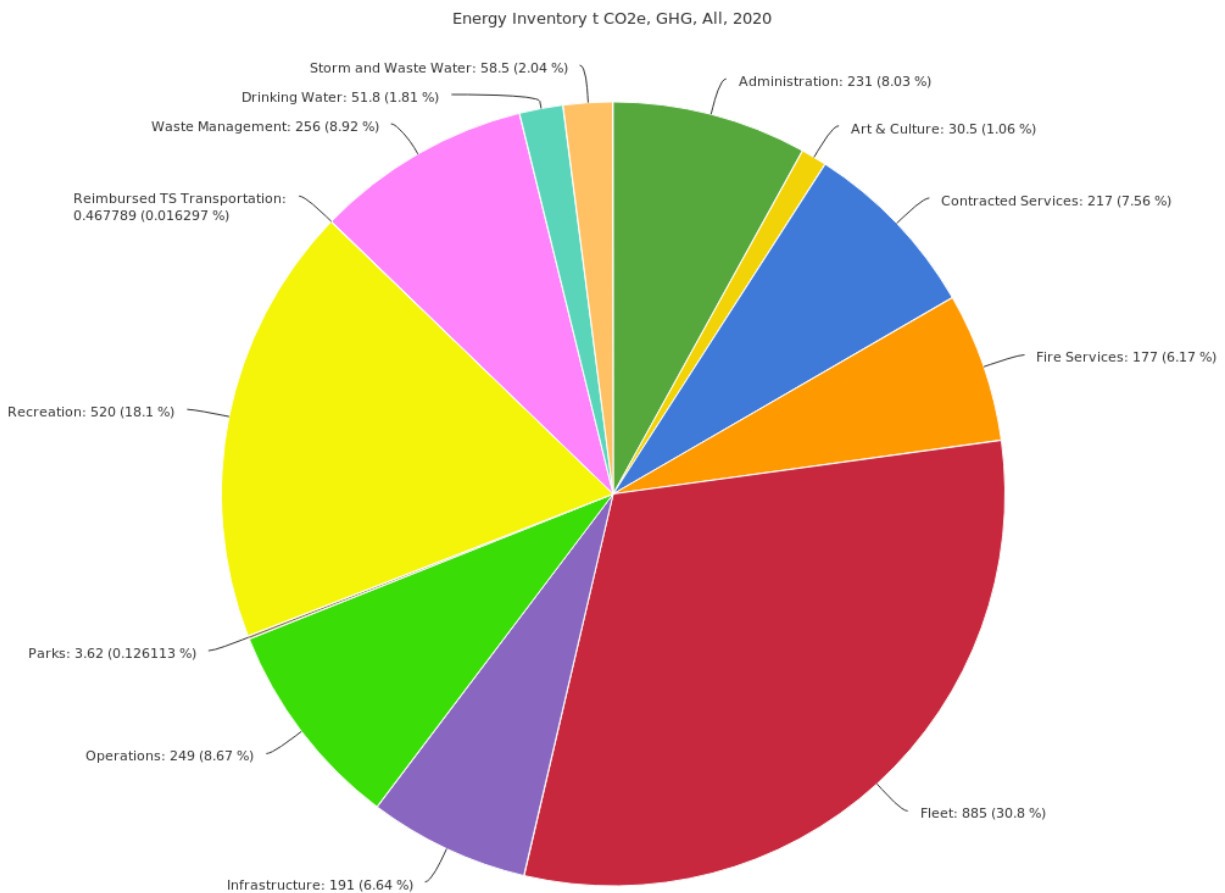
Totals by Service Delivery:

	City of Maple Ridge Delivered Directly	City of Maple Ridge Contracted Services	Total
	Energy Inventory t CO ₂ e, GHG, All	Energy Inventory t CO ₂ e, GHG, All	
2020	2,397	474	2,871

Summary:

	2020	Total
	Energy Inventory t CO ₂ e, GHG, All	
City of Maple Ridge TSI	<u>2,871</u>	2,871

Overview by Service Areas:





Offset Summary:

	City of Maple Ridge 2020
	t CO ₂ e
Offsets Required	<u>2,871</u>
Option 1C: Household Organic Waste Composting	
Option 1D: Low Emission Vehicles	
Offsets Acquired	
Offsets from Previous Years	
Carbon Neutrality Status	2,871

Top GHG Emitter

	t CO ₂ e, GHG	%
Total City of Maple Ridge TSI	2,871	100
Fleet	885	30.8
Recreation	520	18.1