

Appendix B: 2010 Finger Lakes Regional GHG Inventory

The MSA PCAP includes transportation, commercial and residential buildings/infrastructure, and municipal operations. Each sector, including the ones that are included in this PCAP will be updated during the Comprehensive Climate Action Plan.

The PCAP is based on an existing 2010 regional GHG inventory developed by CDRPC for NYSDERDA's Regional Sustainability Plan Initiative. The chart to the right includes select emissions sources that are or will be impacted through the PCAP and CCAP processes. See the tab REDC Emission by Source for a complete breakdown of emissions by source, sector, and scope.

https://climatesmart.ny.gov/fileadmin/csc/documents/GHG_Inventories/capdistghginven.pdf

Sector	Subsector	GHG Source	Activity	Value	GHG Emissions
Built Environment	Residential	Electricity	MMBTU	15,093,554	1,044,371
		Natural Gas	MMBTU	46,303,439	2,457,416
		Propane	MMBTU	205,344	12,627
		Fuel Oil (#1,#2,#4)	MMBTU	216,103	16,037
	Commercial	Electricity	MMBTU	14,506,538	1,003,753
		Natural Gas	MMBTU	30,013,998	1,592,903
		Propane	MMBTU	825,329	50,751
		Fuel Oil (#1,#2,#4)	MMBTU	141,697	10,515
	Industrial	Electricity	MMBTU	8,564,870	592,630
		Natural Gas	MMBTU	5,289,881	280,745
		Propane	MMBTU	2,459	151
		Fuel Oil	MMBTU	170,449	12,649
	Energy Generation	Electricity	MMBTU		
		Natural Gas	MMBTU	1,751,439	92,952
		Fuel Oil	MMBTU	154,987	
		Coal	MMBTU	15,706,588	1,493,806
	Fugative Emissions	Natural Gas	MMBTU (leaked)		615,180
Transportation	Onroad	Gasoline	MMBTU	65,172,504	4,592,641
		Diesel	MMBTU	10,530,485	781,457
	Offroad	Gasoline	MMBTU	10,835,100	763,539
		Diesel	MMBTU	-	-
	Rail	Diesel	MMBTU	1,421,471	105,486
	Marine	Gasoline	MMBTU	-	-
		Fuel Oil (#1,#2,#4)	MMBTU	218,101	16,185
Industrial Process		Cement Production			37,292
Refrigerant Use		All Refrigerants (HFC)			278,673
Waste	Solid waste	Landfills/Incineration	MSW Tons		326,347
	Waste Water	WWTPs / Septics			120,000
Agriculture		Livestock			851,156
		Fertilizer			61,934