

# MIT Greenhouse Inventory Data - Basic Spreadsheet (FY2014-2016)

## MIT Building Energy Use

		Unit	2014	2015	2016
Buildings Supplied by the Central Utilities Plant	Electricity (Purchased)	kWh	87,445,993	80,490,556	117,065,854
	Oil #6	Gallons	1,044,703	1,226,880	-
	Oil #2	Gallons	779,501	665,373	19,700
	Natural Gas	CCF	24,948,560	22,950,922	23,863,434
Buildings Not Supplied by the Central Utility Plant	Electricity	kWh	28,130,477	28,315,832	29,092,887
	Oil #2	Gallons	2,407	2,431	2,239
	Natural Gas	CCF	858,000	855,264	796,024

## MIT Greenhouse Gas Emissions

	BY CATEGORY	Unit	2014	2015	2016	
All Inventory Emissions	MIT Owned Buildings	MTCO2e	204,177	191,768	187,848	
	Fleet Vehicles	MTCO2e	1,150	1,151	1,007	
	Fugitive Process Gases	MTCO2e	4,000	4,000	3,423	
	Leased Buildings	MTCO2e	4,101	4,101	5,759	
	BY TYPE					
	MIT Owned Buildings: Fuels	MTCO2e	161,579	151,665	134,913	
	Fleet Vehicles	MTCO2e	1,150	1,151	1,007	
	Fugitive Process Gases	MTCO2e	4,000	4,000	3,423	
	Buildings: Purchased Electricity	MTCO2e	38,765	36,494	48,086	
	T&D Losses from Purchased Electricity	MTCO2e	3,834	3,609	4,848	
Leased Buildings	MTCO2e	4,101	4,101	5,759		
BY SCOPE						
Scope 1: Direct Emissions	MTCO2e	166,729	156,816	139,344		
Scope 2: Indirect Emissions	MTCO2e	38,765	36,494	48,086		
Scope 3: Indirect Emissions	MTCO2e	7,935	7,710	10,608		
<b>Total Emissions</b>		<b>MTCO2e</b>	<b>213,428</b>	<b>201,020</b>	<b>198,038</b>	

## Space

	BY CATEGORY	Unit	2014	2015	2016
Gross Square Footage	MIT Owned Buildings	GSF	12,149,907	12,093,381	12,164,223
	MIT Leased Buildings	GSF	451,064	451,064	515,732

The MIT GHG Inventory is managed by the MIT Office of Sustainability and updated annually  
**Data sources:** MIT SAP purchase detail via MIT Data Warehouse; Department of Facilities and Office of Sustainability

**Reporting periods:** Fiscal year (July-June), and billing period

\*Building energy and emissions data is based on fiscal year. Fleet and Leased Building data is calendar year.



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