

**Metropolitan Water District of
Southern California****Summary Report - Control (Public)****Transitional Inventory 2017**

Description: The Metropolitan Water District of Southern California (MWD) is a consortium of 26 cities and water districts that provides drinking water to nearly 18 million people in parts of Los Angeles, Orange, San Diego, Riverside, San Bernardino, and Ventura Counties. The mission of MWD is to provide its service area with adequate and reliable supplies of high quality water to meet present and future need.

Industry: 22 - Utilities

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Los Angeles, California US

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Reporting Information

Reporting Protocol: General Reporting Protocol 2.1 and associated updates and clarifications

GWP Standard: SAR

Base 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 CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Stationary Combustion	1,917.47498	1,910.5361	4.32558	2.6133	0	0	0	0
Mobile Combustion	6,886.45586	6,787.1652	6.68157	92.60909	0	0	0	0
Fugitive	71.740289	0.379	0	0	47.461289	0	0	23.9
Total	8,875.671129	8,698.0803	11.00715	95.22239	47.461289	0	0	23.9
NetTotal	8,875.671129	8,698.0803	11.00715	95.22239	47.461289	0	0	23.9

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t of CO ₂ e)	N ₂ O (t of CO ₂ e)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t of CO ₂ e)	SF ₆ (t of CO ₂ e)
Purchased Electricity - Market Based	194,480.34787	193,570.902	288.36087	621.085	0	0	0	0
Total	194,480.34787	193,570.902	288.36087	621.085	0	0	0	0
NetTotal	194,480.34787	193,570.902	288.36087	621.085	0	0	0	0

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Stationary Combustion	1,917.47498	1,910.5361	0.20598	0.00843	0	0	0	0
Mobile Combustion	6,886.45586	6,787.1652	0.31817	0.298739	0	0	0	0
Fugitive	71.740289	0.379	0	0	47.461289	0	0	0.001
Total	8,875.671129	8,698.0803	0.52415	0.307169	47.461289	0	0	0.001

Scope 2 - Market Based - Indirect Emissions	Total CO ₂ e (t)	CO ₂ (t)	CH ₄ (t)	N ₂ O (t)	HFC (t of CO ₂ e)	PFC (t of CO ₂ e)	NF ₃ (t)	SF ₆ (t)
Purchased Electricity - Market Based	194,480.34787	193,570.902	13.73147	2.0035	0	0	0	0
Total	194,480.34787	193,570.902	13.73147	2.0035	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO ₂ e (t)	Total Emissions (t of CO ₂ e)	Estimated CO ₂ e as a Percentage of Total*
Market Based	7,687.61947	203,356.018999	3.78037468860846%

*Total based on scope 1, scope 2 & biomass emissions