

**Metropolitan Water District of
Southern California****Summary Report - Control (Public)****Transitional Inventory 2016**

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	1,617.29849	1,610.834	3.78609	2.6784	0	0	0	0
Mobile Combustion	6,724.80183	6,641.1924	9.81393	73.7955	0	0	0	0
Fugitive	80.08244	0	0	0	51.88044	0	0	28.202
Total	8,422.18276	8,252.0264	13.60002	76.4739	51.88044	0	0	28.202
NetTotal	8,422.18276	8,252.0264	13.60002	76.4739	51.88044	0	0	28.202

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	231,810.47639	231,019.667	282.44349	508.3659	0	0	0	0
Total	231,810.47639	231,019.667	282.44349	508.3659	0	0	0	0
NetTotal	231,810.47639	231,019.667	282.44349	508.3659	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	1,617.29849	1,610.834	0.18029	0.00864	0	0	0	0
Mobile Combustion	6,724.80183	6,641.1924	0.46733	0.23805	0	0	0	0
Fugitive	80.08244	0	0	0	51.88044	0	0	0.00118
Total	8,422.18276	8,252.0264	0.64762	0.24669	51.88044	0	0	0.00118

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	231,810.47639	231,019.667	13.44969	1.63989	0	0	0	0
Total	231,810.47639	231,019.667	13.44969	1.63989	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	7,559.9953	240,232.65915	3.14694734960228%

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