

**Metropolitan Water District of
Southern California****Summary Report - Control (Public)****Transitional Inventory 2015**

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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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	996.58813	993.75797	1.93116	0.899	0	0	0	0
Mobile Combustion	6,662.533	6,566.295	11.298	84.94	0	0	0	0
Fugitive	144.52125	0	0	0	86.68325	0	0	57.838
Total	7,803.64238	7,560.05297	13.22916	85.839	86.68325	0	0	57.838
NetTotal	7,803.64238	7,560.05297	13.22916	85.839	86.68325	0	0	57.838

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	409,409.09595	407,850.185	365.30865	1,193.6023	0	0	0	0
Total	409,409.09595	407,850.185	365.30865	1,193.6023	0	0	0	0
NetTotal	409,409.09595	407,850.185	365.30865	1,193.6023	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	996.58813	993.75797	0.09196	0.0029	0	0	0	0
Mobile Combustion	6,662.533	6,566.295	0.538	0.274	0	0	0	0
Fugitive	144.52125	0	0	0	86.68325	0	0	0.00242
Total	7,803.64238	7,560.05297	0.62996	0.2769	86.68325	0	0	0.00242

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	409,409.09595	407,850.185	17.39565	3.85033	0	0	0	0
Total	409,409.09595	407,850.185	17.39565	3.85033	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	6,771.2888	417,212.73833	1.6229822768844%
*Total based on scope 1, scope 2 & biomass emissions			