

Metropolitan Water District of
Southern California

Summary Report - Control (Public)

Complete Inventory 2014

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 2.0 and associated updates and clarifications

GWP Standard: SAR

Base Year:

Consolidation Methodology: Operational Control Only

Status: TCR Accepted

Verification Information

Verification Body: Ruby Canyon Engineering Inc.

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	990.89186	986.11415	3.80121	0.9765	0	0	0	0
Mobile Combustion	6,596.607	6,517.857	7.14	71.61	0	0	0	0
Fugitive	185.55728	0	0	0	170.38254	0.00063	0	15.17411
Total	7,773.05614	7,503.97115	10.94121	72.5865	170.38254	0.00063	0	15.17411
NetTotal	7,773.05614	7,503.97115	10.94121	72.5865	170.38254	0.00063	0	15.17411

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	511,506.02069	509,326.42	321.80169	1,857.799	0	0	0	0
Total	511,506.02069	509,326.42	321.80169	1,857.799	0	0	0	0
NetTotal	511,506.02069	509,326.42	321.80169	1,857.799	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	990.89186	986.11415	0.18101	0.00315	0	0	0	0
Mobile Combustion	6,596.607	6,517.857	0.34	0.231	0	0	0	0
Fugitive	185.55728	0	0	0	170.38254	0.00063	0	0.000635
Total	7,773.05614	7,503.97115	0.52101	0.23415	170.38254	0.00063	0	0.000635

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	511,506.02069	509,326.42	15.32389	5.9929	0	0	0	0
Total	511,506.02069	509,326.42	15.32389	5.9929	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*
Location Based	0	0	N/A
Market Based	126.75	519,279.07683	0.0244088401893179%

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