

Metropolitan Water District of
Southern California

Summary Report - Control (Public)

Transitional Inventory 2018

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. MWD's self-defined boundary excludes location-based emissions.

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

Additional Reporting Standards: Electric Power Sector

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	1,844.826086	1,838.096085	4.1764	2.553602	0	0	0	0
Mobile Combustion	6,962.230393	6,877.5332	9.731876	74.965317	0	0	0	0
Fugitive	168.878342	0.528982	0	0	147.79536	0	0	20.554
Total	8,975.934821	8,716.158267	13.908275	77.518919	147.79536	0	0	20.554
NetTotal	8,975.934821	8,716.158267	13.908275	77.518919	147.79536	0	0	20.554

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	326,123.055954	324,483.5841	509.704241	1,129.767613	0	0	0	0
Total	326,123.055954	324,483.5841	509.704241	1,129.767613	0	0	0	0
NetTotal	326,123.055954	324,483.5841	509.704241	1,129.767613	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	1,844.826086	1,838.096085	0.198876	0.008237	0	0	0	0
Mobile Combustion	6,962.230393	6,877.5332	0.463423	0.241824	0	0	0	0
Fugitive	168.878342	0.528982	0	0	147.79536	0	0	0.00086
Total	8,975.934821	8,716.158267	0.662299	0.250061	147.79536	0	0	0.00086

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	326,123.055954	324,483.5841	24.271631	3.644412	0	0	0	0
Total	326,123.055954	324,483.5841	24.271631	3.644412	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	7,724.032903	335,098.990775	2.30500034798829%

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