



Metropolitan Water District of Southern California	Summary Report - Control (Public)	Self-defined Inventory 2022
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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 3.0 and associated updates and clarifications
Additional Reporting Standards: Electric Power Sector, Water-Energy Nexus Registry Protocol
GWP Standard: SAR
Base Year:
Consolidation Methodology: Operational Control Only
Status: TCR Accepted

Verification Information

Verification Body: SCS Global Services

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	1,324.418322	1,319.848527	2.912442	1.657353	0	0	0	0
Mobile Combustion	6,307.25903	6,222.32	3.41523	81.5238	0	0	0	0
Fugitive	53.532909	0.615468	0	0	42.076402	0	0	10.84104
Total	7,685.210262	7,542.783995	6.327672	83.181153	42.076402	0	0	10.84104
NetTotal	7,685.210262	7,542.783995	6.327672	83.181153	42.076402	0	0	10.84104

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	318,150.811852	316,994.723187	406.208201	749.880465	0	0	0	0
Total	318,150.811852	316,994.723187	406.208201	749.880465	0	0	0	0
NetTotal	318,150.811852	316,994.723187	406.208201	749.880465	0	0	0	0

Optional - Optional 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)
Scope 3	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
NetTotal	0	0	0	0	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	1,324.418322	1,319.848527	0.138688	0.005346	0	0	0	0
Mobile Combustion	6,307.25903	6,222.32	0.16263	0.26298	0	0	0	0
Fugitive	53.532909	0.615468	0	0	42.076402	0	0	0.000454
Total	7,685.210262	7,542.783995	0.301318	0.268326	42.076402	0	0	0.000454

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	318,150.811852	316,994.723187	19.343248	2.418969	0	0	0	0
Total	318,150.811852	316,994.723187	19.343248	2.418969	0	0	0	0

Optional - Optional 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)
Scope 3	0	0	0	0	0	0	0	0
Total	0	0	0	0	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	6,742.177581	325,836.022114	2.06919343572232%
			*Total based on scope 1, scope 2 & biomass emissions