

Metropolitan Water District of Southern California	Summary Report - Control (Public)	Self-defined Inventory 2020
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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: 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	1,651.141076	1,645.02556	3.773119	2.342397	0	0	0	0
Mobile Combustion	5,705.5664	5,628.61	2.9904	73.966	0	0	0	0
Fugitive	284.342796	0.671788	0	0	151.265008	0	0	132.406
Total	7,641.050272	7,274.307348	6.763519	76.308397	151.265008	0	0	132.406
NetTotal	7,641.050272	7,274.307348	6.763519	76.308397	151.265008	0	0	132.406

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	200,836.262015	199,921.801	301.983934	612.477081	0	0	0	0
Total	200,836.262015	199,921.801	301.983934	612.477081	0	0	0	0
NetTotal	200,836.262015	199,921.801	301.983934	612.477081	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	1,651.141076	1,645.02556	0.179672	0.007556	0	0	0	0
Mobile Combustion	5,705.5664	5,628.61	0.1424	0.2386	0	0	0	0
Fugitive	284.342796	0.671788	0	0	151.265008	0	0	0.00554
Total	7,641.050272	7,274.307348	0.322072	0.246156	151.265008	0	0	0.00554

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	200,836.262015	199,921.801	14.380187	1.975733	0	0	0	0
Total	200,836.262015	199,921.801	14.380187	1.975733	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	6,604.122748	208,477.312287	3.1677896627267%

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