

Metropolitan Water District of  
Southern California

## Summary Report - Control (Public)

## Self-defined Inventory 2019

**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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**Reporting Information**

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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

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**Verification Information**

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Verification Body: Cameron-Cole, LLC

Level of Assurance: Reasonable

## Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Stationary Combustion	2,388.859229	2,380.068373	5.440183	3.350672	0	0	0	0
Mobile Combustion	6,972.730913	6,878.5294	4.615211	89.586302	0	0	0	0
Fugitive	394.381751	0.906841	0	0	358.81991	0	0	34.655
<b>Total</b>	<b>9,755.971892</b>	<b>9,259.504614</b>	<b>10.055394</b>	<b>92.936974</b>	<b>358.81991</b>	<b>0</b>	<b>0</b>	<b>34.655</b>
<b>NetTotal</b>	<b>9,755.971892</b>	<b>9,259.504614</b>	<b>10.055394</b>	<b>92.936974</b>	<b>358.81991</b>	<b>0</b>	<b>0</b>	<b>34.655</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Market Based	126,256.323002	125,652.8905	228.67793	374.754572	0	0	0	0
<b>Total</b>	<b>126,256.323002</b>	<b>125,652.8905</b>	<b>228.67793</b>	<b>374.754572</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>126,256.323002</b>	<b>125,652.8905</b>	<b>228.67793</b>	<b>374.754572</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	2,388.859229	2,380.068373	0.258611	0.010819	0	0	0	0
Mobile Combustion	6,972.730913	6,878.5294	0.219772	0.288988	0	0	0	0
Fugitive	394.381751	0.906841	0	0	358.81991	0	0	0.00145
<b>Total</b>	<b>9,755.971892</b>	<b>9,259.504614</b>	<b>0.478383</b>	<b>0.299807</b>	<b>358.81991</b>	<b>0</b>	<b>0</b>	<b>0.00145</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	126,256.323002	125,652.8905	9.342417	1.304079	0	0	0	0
<b>Total</b>	126,256.323002	125,652.8905	9.342417	1.304079	0	0	0	0

## Simplified Estimation Methods (SEMs)

	Total Estimated CO <sub>2</sub> e (t)	Total Emissions (t of CO <sub>2</sub> e)	Estimated CO <sub>2</sub> e as a Percentage of Total*
Market Based	7,963.91068	136,012.294894	5.85528733744625%
*Total based on scope 1, scope 2 & biomass emissions			