



CLEAN WATER



SOLID RESOURCES



WATERSHED PROTECTION

MUNICIPAL GHG INVENTORY UPDATES



INTERNAL GUIDANCE DOCUMENTATION:

LADWP provides electricity service to approximately 1.5 million customers in the City. This electricity is generated at four municipally-owned generating stations (Harbor, Haynes, Valley, and Scattergood) located in and around Los Angeles, and a number of facilities that it has an interest in through joint powers authority (JPAs) or power purchase agreements located throughout the Western United States. The four plants that LADWP operates around the Los Angeles region are often referred to as “in-basin” plants, while the rest, which are not operated by LADWP, are referred to as “out-of-basin” plants.

By including only LADWP’s in-basin power generation and not including out-of-basin generation, an operational boundary is placed through LADWP’s grid. As the proportion of power generated at in-basin versus out-of-basin stations changes year over year, this boundary will result in large year over year fluctuations in the inventory’s overall emissions. The resulting fluctuations make it more difficult for the City to understand its complete emissions and any trends in emissions over time. Additionally, as LADWP enters agreements to expand its renewable energy portfolio, the associated reduction in greenhouse gas emissions will not be reflected in the inventory unless all electricity sources are included. The City considers its municipal inventory, first and foremost, to be an essential internal planning document. Therefore, deviating slightly from LGOP guidance, the emissions from all generating stations should be included in the municipal inventory, to ensure consistent trends and capture the benefits of the City expanding its renewable energy portfolio.

COMPARISON

Old Values:

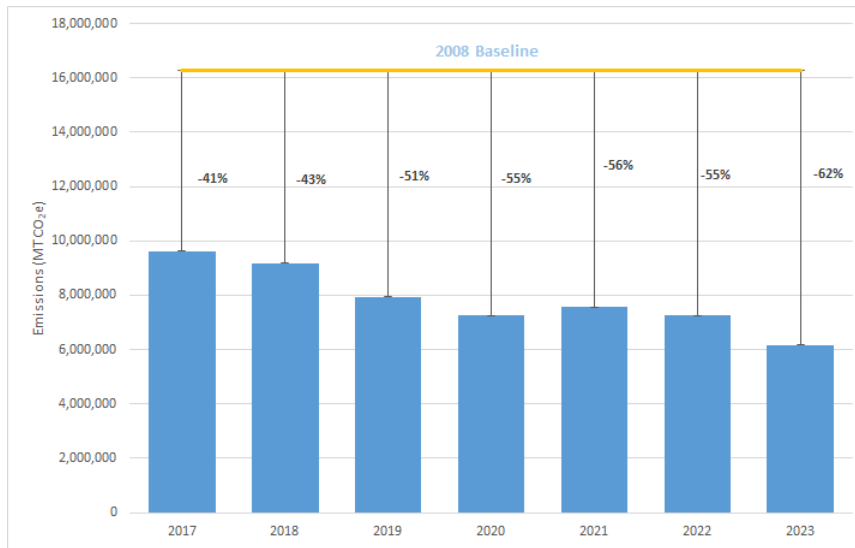
| Year | Operational Control + purchased MWH | Operational Control + purchased CO ₂ e (Scope 1 and 3) |
|-----------------|-------------------------------------|---|
| 2008 (baseline) | 29,069,893 | 16,282,004 |
| 2017 | 27,515,675 | 9,599,333 |
| 2018 | 26,484,002 | 9,049,404 |
| 2019 | 26,442,540 | 8,267,621 |
| 2020 | 26,344,723 | 7,558,235 |
| 2021 | 25,200,297 | 7,560,596 |
| 2022 | 26,099,682 | 7,261,679 |
| 2023 | 24,137,043 | 6,165,273 |

New Values:

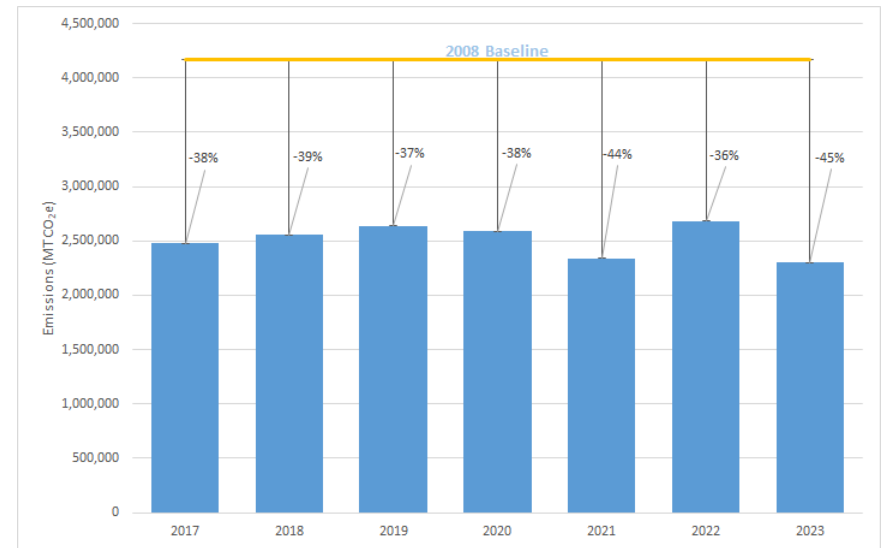
| Year | In-basin total MWH | In-basin renewable MWH | In-basin CO ₂ e (Scope 1) |
|-----------------|--------------------|------------------------|--------------------------------------|
| 2008 (baseline) | 8,969,065 | 520,867 | 4,167,393 |
| 2017 | 8,170,698 | 2,036,277 | 2,477,206 |
| 2018 | 7,751,674 | 1,329,945 | 2,557,170 |
| 2019 | 7,805,619 | 1,275,033 | 2,639,482 |
| 2020 | 7,219,050 | 901,001 | 2,586,980 |
| 2021 | 6,260,034 | 441,397 | 2,339,219 |
| 2022 | 7,077,476 | 420,263 | 2,682,510 |
| 2023 | 6,288,023 | 713,881 | 2,303,240 |

COMPARISON

Total Owned and purchased CO₂e emissions



In-basin CO₂e emissions



GOALS

Progress Update

- **Old methodology:** 61% reduction in total emissions from 2008 baseline, meeting the City's previous goal.
- **New LGOP methodology:** 41% reduction from 2008 baseline but is measuring based on the goal that was developed for the old method. The context is different.
- **Climate Cabinet is evaluating previous goals**

Key Considerations:

- **New values differ from the original Green New Deal framework**, which factored in **purchases of power and broader reductions beyond our in-basin power facilities.**
 - **LGOP methodology strictly accounts for direct emissions**, requiring an update to our targets.
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GOING FORWARD

- Language on future reports will make it clear what is being included.
 - Official Inventory sector numbers and totals will use in-basin emissions for power generation in accordance with LGOP and CF22-1402 instructions.
 - Total owned and purchased emissions will be added as supplemental information for use in goal tracking and progress graphics.
 - Reports from prior years that are available on the climate action LASAN webpage will be updated to avoid confusion.
 - CF22-1402 instruction change to move the deadline for the reports from Jan 15th to March 1st to allow more review time.
 - Full Municipal and Community 2023 Inventory Reports are forthcoming.
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