

The information contained in this report is preliminary and subject to change without notice. Any questions regarding this report should be directed to CAISO [MarketAnalysis@caiso.com](mailto:MarketAnalysis@caiso.com)

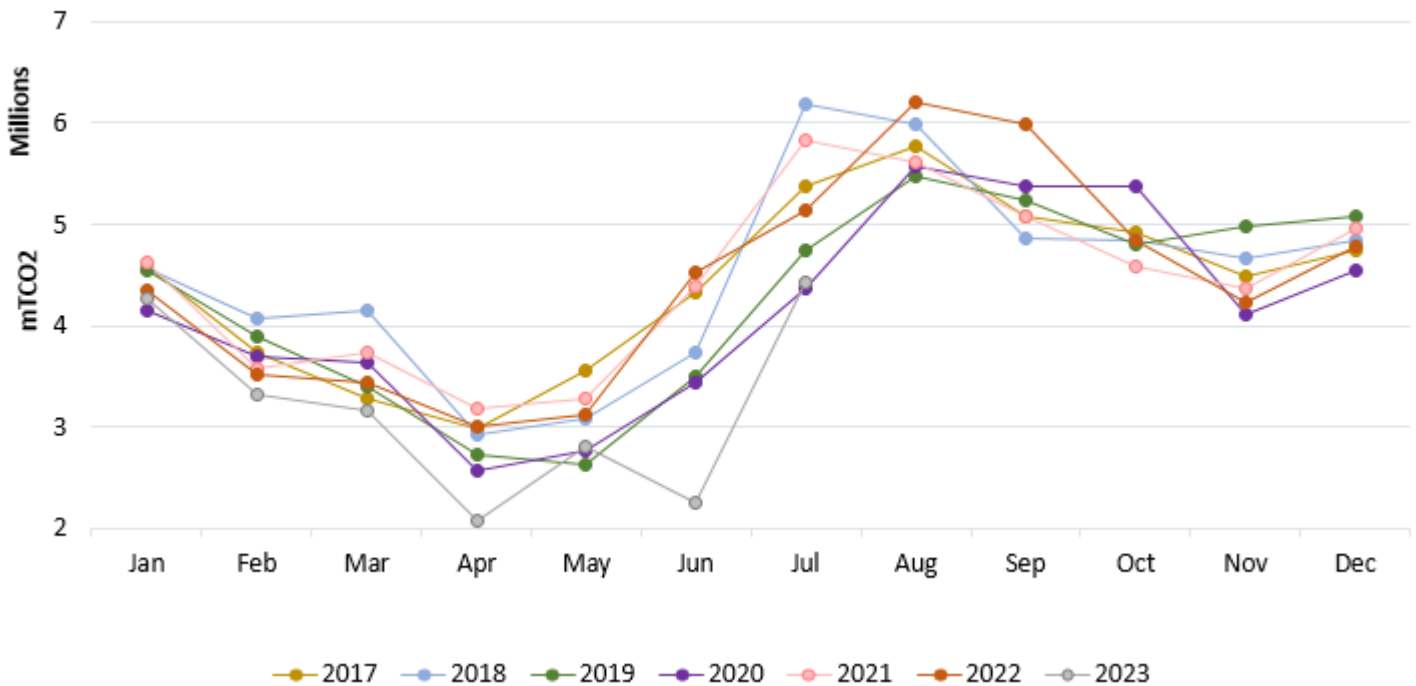
This report depicts greenhouse gas (GHG) emissions for the California Independent System Operator’s (ISO) balancing authority area as a direct result of the dispatch of ISO internal resources and imports, including dynamic resources, serving ISO load.

The report reflects total GHG emissions to serve ISO loads.

FIGURE 1 and 2 – Total GHG emissions to serve ISO load. This figure reflects the sum of GHG emissions from internal ISO dispatches and GHG emissions from imports serving ISO load through July 31, 2023.

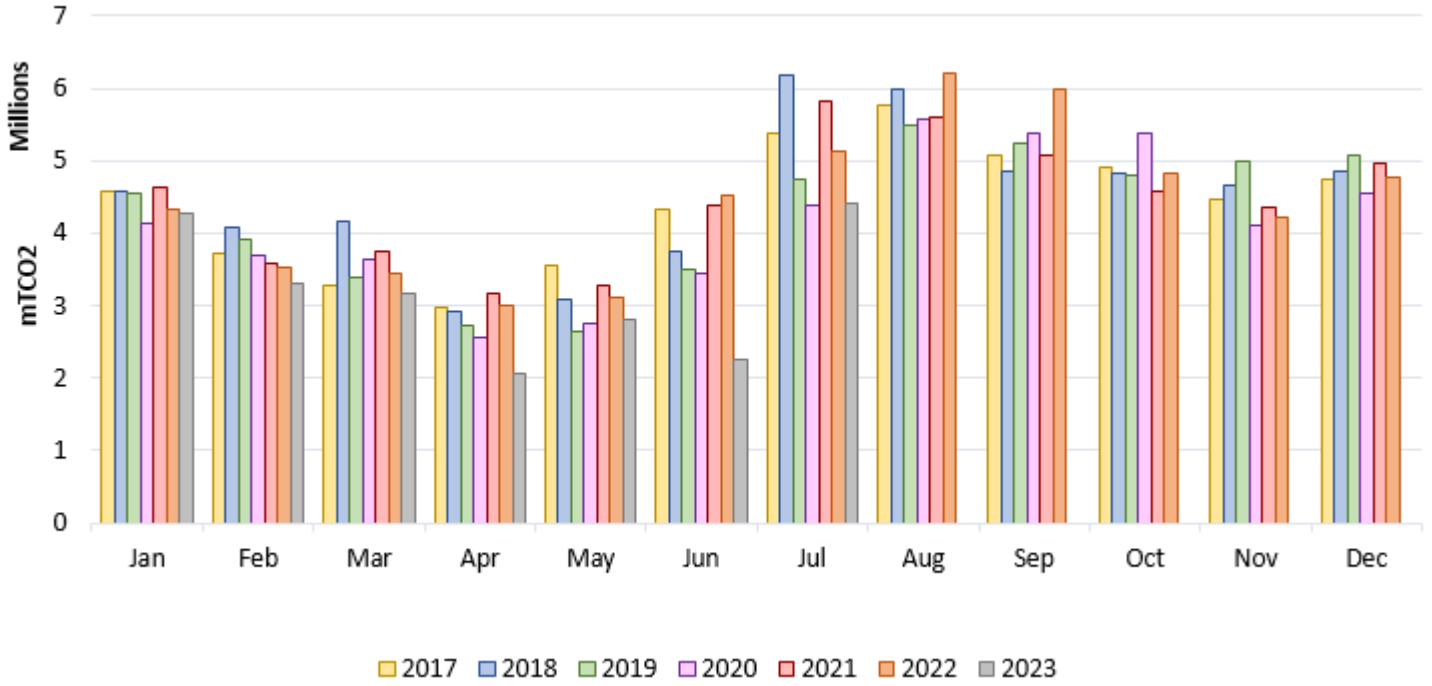
| YTD (Jan - July) million mTCO2 | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|
| GHG Emission to serve ISO load | 27.88 | 28.73 | 25.46 | 24.63 | 28.62 | 27.09 | 22.32 |

*Figure 1 Total GHG emissions to serve ISO load*



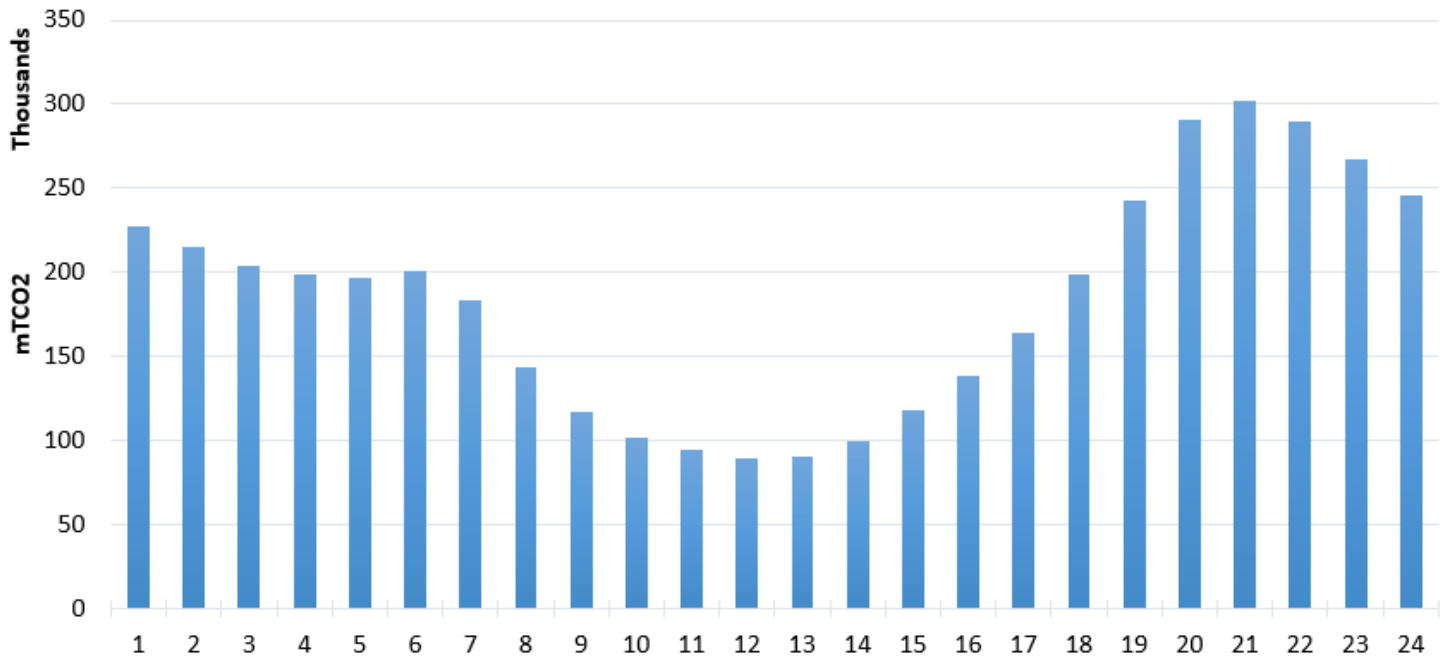
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*Figure 2 Total GHG emissions to serve ISO load*



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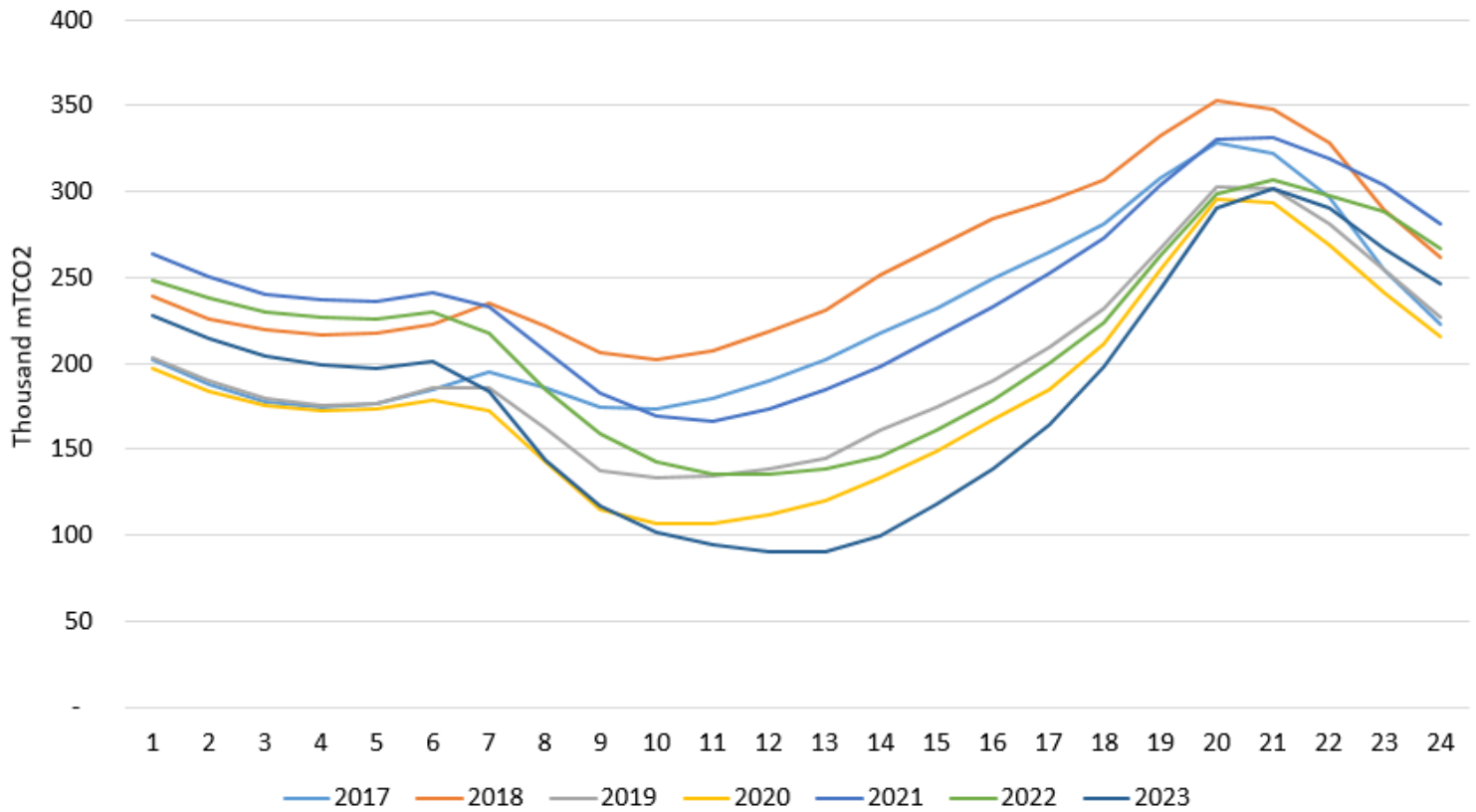
*Figure 3 Hourly GHG emissions to serve ISO load for the month of July 2023*



The above figure reflects the hourly sum of GHG emissions from internal ISO dispatches and GHG emissions from imports serving ISO load for the month of July 2023.

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*Figure 4 Comparison of hourly GHG emissions to serve ISO for the month of July*



The above figure reflects the hourly sum of GHG emissions from internal ISO dispatches and GHG emissions from imports serving ISO load for the month of July across the years from 2017 - 2023.