Emissions Avoided Calculation Method

This figure is calculated by using internal operational site-specific data for *Total Net Energy Generated [MWh],* multiplying by the most recent data for State Output Emission Rates [lb/MWh] eGrid2022[1] for CO2e based on which state the operational site resides in, converting to metric tons, and then aggregating data across all relevant sites. For the purposes of this calculation, LRE assumes that emissions rates and GRID boundaries are consistent across the entirety of the state.

Equivalent Homes Powered Calculation

This figure is calculated using internal operational site-specific data for *Total Net Energy Generated [MWh],* obtaining the relevant state-level average monthly residential energy consumption data from US EIA[2], making necessary unit conversions, dividing the site-specific data for total net energy in that year by the residential energy consumption to find the site's equivalent homes powered calculation, and aggregating all site data across the relevant time span. For the purposes of this calculation, LRE assumes that energy consumption is consistent across the entirety of the state.

---

[1] egrid2022_summary_tables.pdf (epa.gov)
[2] table_5A.pdf (eia.gov)