

The table below indicates the net total of different air emissions by year that have potential to impart climate change effects (CO<sub>2</sub>, CH<sub>4</sub>, etc.) in the equivalent of CO<sub>2</sub> lb/MWh:

Great River Energy Wholesale Power - Delivered	CO <sub>2</sub> e (lb/KWh)		
	2021	2025	2032
Portfolio (Owned, Purchase Agreements, Market Purchases)	1.507	.785	.372

All sources of emissions are included, encompassing owned resources, contracted resources, and the MISO market. For future years, no adjustments are made to account for any potential carbon capture project that could potentially lower the effective cumulative emissions rates for the portfolio – these numbers represent the most conservative estimates of emissions. CO<sub>2</sub> emissions from the market are also included in the figures. These calculations are confirmed accurate by GRE as of 2022.