

Facility Name: County of Riverside
Facility ID: 159361
Equipment Description: Natural Gas Fueled ICE Driving Emergency Electrical Generator
Application Number: 497675

RESPONDENT'S EXHIBIT A

Operational Parameters

BHP Rating:	78
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GHG Emission Factors^a

CO ₂ (lb/BHP-hr)	1.129
CH ₄ (lb/BHP-hr)	2.20E-05
N ₂ O (lb/BHP-hr)	1.50E-05

^aEmission Factors from SCAQMD GHG NSR Calculator MS Excel workbook.

GHG Emission Calculations

Emission Rates	CO ₂	CH ₄	N ₂ O
Uncontrolled/Controlled Hourly, R1=R2 (lb/hour)	88.29	0.00	0.00

Calculation example - CO2 Emissions: 1.129 lb/bhp-hr x 78.2 bhp = 88.29 lb/hr