

**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<sup>a</sup>**

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

<sup>a</sup>Emission Factors from SCAQMD GHG NSR Calculator MS Excel workbook.

**GHG Emission Calculations**

<b>Emission Rates</b>	<b>CO<sub>2</sub></b>	<b>CH<sub>4</sub></b>	<b>N<sub>2</sub>O</b>
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