

**DOCKETED**

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<b>Project Title:</b>	Lafayette Backup Generating Facility
<b>TN #:</b>	242570
<b>Document Title:</b>	DR Supplemental Response to DR Set 5 - Table 13 Spreadsheet
<b>Description:</b>	N/A
<b>Filer:</b>	Scott Galati
<b>Organization:</b>	DayZenLLC
<b>Submitter Role:</b>	Applicant Representative
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**QSK95 + QST30 BAAQMD 150 Hrs/Yr Totals, TPY:**

25.99

15.79

4.71

0.16

0.32

0.32

15605



**Table 1A-3 CEC 3 Hour Emergency Run Block Emissions Estimates**

	QSK95						QST30				
	Nox	CO	VOC	SO2	PM10/2.5		Nox	CO	VOC	SO2	PM10/2.5
Hour 1 - Start Up, lbs/hr	13.94	4.75	1.54	0.05	0.09		4.90	1.47	2.47	0.02	0.05
Hour 2 - Steady State, lbs/hr	4.75	4.75	1.33	0.05	0.09		1.63	1.63	0.46	0.02	0.05
Hour 3 - Steady State, lbs/hr	4.75	4.75	1.33	0.05	0.09		1.63	1.63	0.46	0.02	0.05
Hour 100 - Steady State, lbs/hr	4.75	4.75	1.33	0.05	0.09		1.63	1.63	0.46	0.02	0.05
3 Hr Run Block, lbs/3 hrs	23.44	14.25	4.20	0.14	0.28		8.17	4.74	3.38	0.05	0.15
33 Run Blocks, lbs/yr	773.54	470.24	138.72	4.70	9.40		269.55	156.34	111.59	1.62	4.85
Single Engine, lbs/yr	778.29	474.99	140.05	4.75	9.50		271.18	157.97	112.05	1.63	4.90
# QSK95 Units Operated	44										
# QST30 Units Operated	1										
Total Annual Emissions, lbs	34244.86	20899.49	6162.21	208.99	417.99		271.18	157.97	112.05	1.63	4.90
<b>Total Annual Emissions, TPY</b>	<b>17.12</b>	<b>10.45</b>	<b>3.08</b>	<b>0.104</b>	<b>0.209</b>		<b>0.14</b>	<b>0.08</b>	<b>0.06</b>	<b>0.001</b>	<b>0.002</b>
<b>Total Annual Emissions, All Engines TPY</b>							<b>17.26</b>	<b>10.53</b>	<b>3.14</b>	<b>0.11</b>	<b>0.21</b>

Notes:

3 Hr run blocks results in 33 run periods per year plus 1 extra hour