

Gateway Crossings
Standby Emergency Generator Impacts

Rating: 100 kW
 134 HP
 Operating Hours per Unit: 1 hours/day
 50 hours/year
 Load 0.74 from CARB OFFROAD
 Standby Emergency Generator Emissions (PER UNIT)

Units	Criteria Pollutants						
	ROG	NOX	CO	SOX	PM10	PM2.5	CO2e
tons/yr (from CalEEMod)	0.01	0.02	0.02	0.00	0.0008	0.0008	
metric tons/yr	—	—	—	—	—	—	8
g/HP-hr	0.75	2.10	2.72	0.00	0.110	0.110	
lbs/hr	0.22	0.62	0.80	0.00	0.032	0.032	
lbs/yr	11.08	31.00	40.20	0.06	1.620	1.620	
Average annual lbs/day	0.03	0.08	0.11	0.00	0.004	0.004	

Community Risk

	<u>Worst Location</u>		<u>Construction MEI</u>	
Cancer Risk at Source = at closest unit and constr. MEI	2.74E+00	~160	0,33	single unit with OEHHA Adj. ~800
Annual PM2.5 at Source at closest unit and constr. MEI	0.005		<0.001	