

Updated Air Quality Emissions Summary Tables

Updated Table 5.3-5: Expected Construction Emissions Summary (Pounds per Day) – Newark Substation				
	ROG	NO_x	PM10 (Exhaust)	PM2.5 (Exhaust)
Average Maximum Daily Emissions	0.49	4.64	0.11	0.11
BAAQMD Air Quality Thresholds	54	54	82	54
Exceeds Thresholds?	NO	NO	NO	NO
Source: Data Request 2, Response 1, Attachment C (CalEEMod Files)				

Updated Table 5.3-6: Expected Construction Emissions Summary (Pounds per Day) – NRS Substation				
	ROG	NO_x	PM10 (Exhaust)	PM2.5 (Exhaust)
Average Maximum Daily Emissions	0.49	4.79	0.11	0.11
BAAQMD Air Quality Thresholds	54	54	82	54
Exceeds Thresholds?	NO	NO	NO	NO
Source: Data Request 2, Response 1, Attachment C (CalEEMod Files)				

Updated Table 5.3-7: Expected Construction Emissions Summary (Pounds per Day) – Transmission Lines				
	ROG	NO_x	PM10 (Exhaust)	PM2.5 (Exhaust)
Average Maximum Daily Emissions	3.1	33.3	0.97	0.92
BAAQMD Air Quality Thresholds	54	54	82	54
Exceeds Thresholds?	NO	NO	NO	NO
Source: Data Request 2, Response 1, Attachment C (CalEEMod Files)				

Updated Table 5.3-8: Combined Expected Construction Emissions Summary (Pounds per Day)				
	ROG	NO_x	PM10 (Exhaust)	PM2.5 (Exhaust)
Newark Substation Construction	0.49	4.64	0.11	0.11
NRS Substation Construction	0.49	4.79	0.11	0.11
Transmission Line Construction	3.1	33.3	0.97	0.92
Combined Total Emissions	4.08	42.73	1.19	1.14
BAAQMD Air Quality Thresholds	54	54	82	54
Exceeds Thresholds?	NO	NO	NO	NO
Source: Data Request 2, Response 1, Attachment C (CalEEMod Files)				

Updated GHG Emissions Summary Tables

Updated Table 5.8-3: Expected Annual Construction CO₂e Emissions	
Year	CO₂e (MT/Year)
Newark Substation 2026	43
Newark Substation 2027	503
Newark Substation 2028	63
NRS Substation 2026	149
NRS Substation 2027	498
NRS Substation 2028	62
Transmission Lines 2026	4775
Transmission Lines 2027	3470
Transmission Lines 2028	381
Total	9,944
Yearly Average Construction Emissions (MT/year over 30 years)	331.4667
<u>Notes:</u> Expected construction emissions are based upon CalEEMod modeling assumptions (refer to Data Request 2, Response 1, Attachment C (CalEEMod Files)) through years 2026 to 2028.	

Updated Table 5.8-4: Operational Emissions Summary MT/Year	
Site Locations	CO₂e (MT/Year)
Newark Operations (Exceeding Existing Emissions)	0
NRS Substation operations (Exceeding Existing Emissions)	0
Amortized Construction Emissions (Table 5.8-3 above)	331.46
Total Construction and Operations (MT/Year)	331.46
Threshold	10,000

Updated Table 5.8-4: Operational Emissions Summary MT/Year	
Site Locations	CO₂e (MT/Year)
Exceeds Threshold?	NO
Data is in MT. Conversion rate is 1 pound = 0.000453592 MT. Data is presented in decimal format and may have rounding errors. Source: Data Request 2, Response 1, Attachment C (CalEEMod Files)	