DOCKETED						
Docket Number:	24-OPT-02					
Project Title:	Compass Battery Energy Storage					
TN #:	255561-3					
Document Title:	Appendix 4-7C_Construction Traffic Noise Analysis					
Description:	The appendix contains noise modeling worksheets used to predict construction traffic noise for the Project.					
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Appendix 4.7C Construction Traffic Noise Analysis

Roadway Traffic Noise Prediction (CNEL) (FHWA RD-77-108, using Calveno curves)		Auto %	User Inputs 96.72%	Day	80.00%		Day	rcentages by \ Evening	Nighttime				
Project: Compass BESS		MT (%)] HT (%)	1.99% 1.29%	Evening Nighttime	10.00% 10.00%	Auto MT HT	77.38% 1.59% 1.03%	9.67% 0.20% 0.13%	9.67% 0.20% 0.13%	204.7% 4.2% 2.7%			
Study Year or Condition	Roadway				Average Weekday Traffic (AWT) Speed	Auto Noise I (mph) (at 15m)	MT Noise (at 15m)	HT Noise (at 15m)	CNEL Total (at 15m)		enter recepto Distance (feet)	or position name CNEL (dBA)	<mark>e and distance</mark> Leq* (dBA)
Existing (2024) without Project	Camino Capistrano]			4,732	63.7	54.5	56.8	64.9		60	63.6	63.8
	Caclulate vehicle proportions	(%) above, based on segme	ent values below:	auto	baseline os 4577							conversion of CNE altrans TeNS eq. 3	

medium trucks heavy trucks total 94 61 4732

