

 KAYTENT INDUSTRIES PLOT NO 01 , STREET NO 03, SECTOR 05 MET CITY, VILLAGE-DADRI TOYE, TEH-BADLI, DISTT- JHAJJAR HARYANA														
GREEN HOUSE GASES (GHG SCOPE-2) EMISSIONS ESTIMATION FOR THE PERIOD OF FEB 2025 – Dec 2025												KTI/GHG-SCOPE-02		
MONTH	EMISSIONS TYPE	EMISSION SOURCE	FUEL	QUANTY USED	UNITS	GLOBAL WARMING POTENTIAL (GWP)	EMISSION FACTOR IN KG CO2/LTR (0.04KG PER KWH) AND	EMISSION FACTOR IN KG CH4 (CH4 /LTR)0.60	EMISSION FACTOR IN KG N2O/UNIT	EMISSION FACTOR IN KG CO2-E/UNIT (SOLAR 33-50 GRAM/KWH)	TOTAL CO2 EMISSIONS	TOTAL CH4 EMISSIONS	TOTAL N2O EMISSIONS (3.0N2O/LTR)	TOTAL CO2-E (GHG)
Feb-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		2800	KWH		112	1680					8400	
		SOLAR GENERATION PER KWH		0			0	0					0	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
Mar-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		5000	KWH		200	3000					15000	
		SOLAR GENERATION PER KWH		0			0	0					0	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
Apr-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		2636	KWH		105.44	1581.6					7908	
		SOLAR GENERATION PER KWH		7466			298.64	4479.6					22398	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
May-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		2756	KWH		110.24	1653.6					8268	
		SOLAR GENERATION PER KWH		6176			247.04	3705.6					18528	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
Jun-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		25042	KWH		1001.68	15025.2					75126	
		SOLAR GENERATION PER KWH		17550			702	10530					52650	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
Jul-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		26000	KWH		1040	15600					78000	
		SOLAR GENERATION PER KWH		9210	KWH		368.4			303.93			27630	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		26636	KWH		1065.44	15981.6					79908	

KAYTENT INDUSTRIES														
PLOT NO 01 , STREET NO 03, SECTOR 05 MET CITY, VILLAGE-DADRI TOYE, TEH-BADLI, DISTT- JHAJJAR HARYANA														
GREEN HOUSE GASES (GHG SCOPE-2) EMISSIONS ESTIMATION FOR THE PERIOD OF FEB 2025 – Dec 2025												KTI/GHG-SCOPE-02		
MONTH	EMISSIONS TYPE	EMISSION SOURCE	FUEL	QUANTY USED	UNITS	GLOBAL WARMING POTENTIAL (GWP)	EMISSION FACTOR IN KG CO2/LTR (0.04KG PER KWH) AND	EMISSION FACTOR IN KG CH4 (CH4 /LTR)0.60	EMISSION FACTOR IN KG N2O/UNIT	EMISSION FACTOR IN KG CO2-E/UNIT (SOLAR 33-50 GRAM/KWH)	TOTAL CO2 EMISSIONS	TOTAL CH4 EMISSIONS	TOTAL N2O EMISSIONS (3.0N2O/LTR)	TOTAL CO2-E (GHG)
Aug-25		SOLAR GENERATION PER KWH		7980	KWH		319.2			263.34			23940	
		AC-12 TON & REFRIGERATOR	R-32 GAS		KG		0	0					0	
Sep-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		24274	KWH		970.96	14564.4					72822	
		SOLAR GENERATION PER KWH		10230			409.2	6138		337.59			30690	
		AC-12 TON & REFRIGERATOR	R-32 GAS		KG		0	0					0	
	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY		15852	KWH		634.08	9511.2					47556	
Oct-25		SOLAR GENERATION PER KWH		7500			300	4500		247.5			22500	
		AC-12 TON & REFRIGERATOR	R-32 GAS		KG		0	0					0	
Nov-25	INDIRECT	M/C USED FOR PRODUCTION FROM		15710	KWH		628.4	9426					47130	
		SOLAR GENERATION PER KWH		7920	KWH		316.8	4752		261.36			23760	
		AC-12 TON & REFRIGERATOR	R-32 GAS	0	KG		0	0					0	
Dec-25	INDIRECT	M/C USED FOR PRODUCTION FROM PURCHASE ELECTRICITY			KWH		0							
		SOLAR GENERATION PER KWH			KWH		0			0				
		AC-12 TON & REFRIGERATOR	R-32 GAS				0							
		TOTAL					8829.52	122128.8		1413.72			662214	

