

AOC & MMD 2025 GHG Emissions and Facilities Energy Reporting

- AOC & MMD annually conduct a corporate GHG inventory covering Scope 1, Scope 2 (location and market-based), and Scope 3 emissions as defined mainly by IEC 14064-3 and GHG Protocol as supplementary. Scope 3 in-scope GHG emissions cover all monitors and signage displays.
- From year 2025 AOC & MMD annually disclose final assemblies and key components energy activity data respectively. Key components take at least 25% of production spend. Energy activity data includes those making up to 95% of supplier facility energy consumption.
- Being own brand companies of TPV group, AOC & MMD actively drive new environmentally friendly materials development including 90% post-consumer recycled plastic, 100% aluminum usage in the products, to meet the GHG reduction goal set by mother company of TPV. TPV actively responds to global decarbonization initiatives, implements China's Dual-Carbon Strategy, and supports the long-term goal of the Paris Agreement to limit global temperature rise to no more than 1.5°C above pre-industrial levels. In 2022, based on the 1.5°C pathway of the SBTi, TPV set its carbon reduction targets for 2030 and successfully validated them through SBTi. In 2025, TPV established long-term carbon reduction strategies and published the TPV Net-Zero Action Plan, committing to a 90% reduction in Scope 1, 2, and 31 GHG emissions by 2050. This Net-Zero emission target was validated by SBTi in April 2025, demonstrating TPV's strong commitment and determination to achieve Net-Zero emissions.

1. 2025 AOC & MMD GHG CO₂e

Year	Unit	Scop 1 + Scope 2	Scope 3 (Category 3)	Scope 3 (category 4+ Category 5)	Total
2025	Tons Co ₂ e	392	92,520	5,901,417	5,994,329

Category3: Indirect GHG emissions from transportation

Category4: Indirect GHG emissions from purchased goods

Category5: Indirect GHG emissions from the use stage of the product

1.1 2025 AOC & MMD Corporate Entities CO₂ Emission

Scope		Netherland	USA	Singapore	China	Total
Scope 1 (tones co ₂ e)	Natural Gas Stationary Combustion	10.8	42.4	--	30.83	84.03
	Petrol Mobile combustion	18.45	-	-	13.76	32.2
	Scope 1 Direct Emissions	29.25	42.4	-	44.59	116.23
Scope 2 (tones co ₂ e)	Purchased Electricity (Location -Based Method)	23.49	20.3	41.42	119.76	275.27

	Purchased Electricity (Market-Based Method)	4.19	20.3	41.42	-	65.91
	Scope 2 Indirect Emissions (Location -Based Method)	23.49	20.3	41.42	119.76	272.57
	Scope 2 Indirect Emissions (Market-Based Method)	4.19	20.3	41.42	-	65.91

1.2 2025 AOC & MMD Corporate Entities Energy Activity Data

Activity	Unit	Netherland	USA	Singapore	China	All
Natural Gas	m3	6,073	-	-	14,102	20,175
	Therm	-	8,000	-	-	8,000
Petrol	Liter	5,952	-	-	-	5,952
Electricity Consumption	MWh	107	52	76	383	618

2. 2025 AOC & MMD Suppliers energy activity data

2.1 2025 AOC & MMD 1st Tier Suppliers - All final assembly energy activity data

Energy type	China	Brazil	Total (GJ)
	3 Suppliers	1 Supplier	
Natural gas (GJ)	21,570	-	21,570
Gasoline (GJ)	2,079	112	2,191
Diesel oil (GJ)	931	383	1,314
Purchased Electricity total (GJ)	284,953	47,179	332,132

2.2 2025 AOC & MMD 2nd tier Suppliers - Key component suppliers energy activity data

Energy type	China	Total (GJ)
	3 Suppliers	3 Suppliers
Natural gas (GJ)	7,881	7,881
Purchased Electricity total (GJ)	1,502,913	1,502,913

AOC, MMD are keen to be transparent on GHG data to meet EPEAT and other related certification requirement. If you have any concern about it please contact with Stefan.vanSabben@tpv-tech.com or Marcella.Klinker@tpv-tech.com.