Table 14. Fuel Used By Site in 2022

Type of Fuel	Unit	GTH	GTC	ATC	GTK	MPTK	MPTZ	MPTV	GVL	GCS	GKS	**Total**
Diesel	KG	0	0	0	1,970	21,093	12,160	181,074	29,224	16,604	2,671	264,796
Natural Gas	M^3	0	0	0	0	307,563	30,452	0	0	1,778,233	477,678	2,593,926
LPG	Kg	0	0	0	0	0	0	27,389	1,546,335	0	0	1,573,724
Gasoline	Taiwan : Liter China/Vietnam : Kg	5,435	3,044	1,095	0	10,432	5,991	22,604	0	10,615	0	59,216
Purchased Electricity	KWh	110,605	2,068,192	917,043	6,618,254	38,630,430	19,362,213	20,464,667	25,396,268	10,181,000	5,392,017	129,140,689
Purchased Steam	Metric Tons	0	0	0	324	31,977	15,332	0	0	0	0	47,634

Table 15. Energy Consumption By Site in 2022

Energy Unit: GJ	GTH	GTC	ATC	GTK	MPTK	MPTZ	MPTV	GVL	GCS	GKS	Total	Ratio of Energy consumption
Diesel	0	0	0	84.13	900.79	519.29	7,786.17	1,256.61	709.08	114.07	11,370.15	1.5%
Natural Gas	0	0	0	0	10,395.63	1,029.28	0	0	60,104.28	16,145.52	87,674.71	11.3%
LPG	0	0	0	0	0	0	1,295.77	73,157.11	0	0	74,452.88	9.6%
Gasoline	177.48	99.40	35.77	0	449.89	258.36	1,001.38	0	457.74	0	2,480.02	0.3%
Purchased Electricity	398.18	7,445.49	3,301.36	23,825.71	139,069.55	69,703.97	73,672.80	91,426.56	36,651.60	19,411.26	464,906.48	60.0%
Purchased Steam	0	0	0	907.38	89,504.24	42,915.44	0	0	0	0	133,327.06	17.2%
Total Energy Consumption (GJ)	575.65	7,544.90	3,337.12	24,817.22	240,320.09	114,426.35	83,756.12	165,840.29	97,922.70	35,670.85	774,211.30	100%
Energy Intensity (GJ/ Per million USD)	7.03	24.16	20	89	979	1,030	1,495	2,607	2,271	2,740	710	

Calculation Description of Energy Consumption：

- For buildings and pipelines of GTH, GTC, and ATC, which are jointly used by Getac and other external organizations; power consumption is therefore apportioned according to area of use; the amount of gasoline is calculated by dividing the total expense by average oil price for the year.
- Heating value conversion coefficients for various types of energy in Taiwan is referenced to the Taiwan Environmental Protection Administration's greenhouse gas emission coefficient management sheet version 6.0.4.Gasoline heating value is 0.0327 GJ/L ; purchased Electricity is 0.0036GJ/KWH
- Heating value conversion coefficients for various types of energy in China is referenced to GB/T 2589-2020 (General Rules for Calculation of Comprehensive Energy Consumption). The heating value of purchased steam is referenced to Guidelines for Accounting Methods and Reporting of Greenhouse Gas Emissions for Enterprises in Other Industries (Pilot) Equation 15. Natural Gas refer to the natural gas company's gas quality analysis report. Gasoline heating value is 0.0431 GJ/L; purchased electricity heating value is 0.0036 GJ/KWH; diesel heating value is 0.0427 GJ/Kg; purchased steam heating value is 2.799 GJ/T; natural gas heating value is 0.0338 GJ/M3.
- Heating value conversion coefficients for energy type in Vietnam are referenced from the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. Heating value of Gasoline is 0.0443 GJ/L; heating value of Purchased Electricity is 0.0036GJ/KWh, Diesel heating value is 0.0430 GJ/Kg; LPG heating value is 0.0473 GJ/Kg, Natural Gas heating value is 0.0480 GJ/M3, .

Table 17. Greenhouse Gas Emission Of Getac Holdings (Consolidated) In The Last Three Years

Unit of Carbon Emission: Mt CO_{2e} Emission Intensity：Mt CO2e/ per million USD	2020	2021	2022
Emissions: category 1	10,881,30	10,331.463	12,381.53
Emissions: category 2	113,433.26	125,705.482	94,648.43
Emissions: category 3-6 (scope 3)	N.A	232,650.359	200,557.76 Tota
Total Emissions: category 1+ 2	124,315.00	136,036.945	107,029.96
Emission Intensity (category 1+ 2)	141.00	126.65	98.16
Total Emissions (category 1+ 2 + 3)	N.A	368,687.303	307,587.71
Emission Intensity (category 1+ 2+3)	N.A	343.24	282.10

Calculation of GHG emissions:

- Getac Precision Technology (Kunshan) Co., Ltd. was added to the Getac Holdings' carbon emissions disclosure scope in 2021
- Emission factor: Heat value (calorific value) of fuel is derived from the "Guidelines for Greenhouse Gas Emission Accounting and Reporting requirements – Electronic Manufacturing Industry (Trial)"; the carbon oxidation rate is derived from the "Guidelines for Greenhouse Gas Emission Accounting and Reporting requirements – Electronic Manufacturing Industry (Trial)", Table 2.1; the default emission factor of CO2, CH4 and N2O is derived from "Guidelines for National Greenhouse Gas Inventories, 2006 IPCC" Volume 2, Chapter 2, Table 2.3: Power GB/T32150-2015 Formula 5.
- The outsourced vapor emissions model is derived from the "Guidelines for Greenhouse Gas Emission Accounting and Reporting requirements – other industrial sectors (Trial)", Formula 15.
- The greenhouse gas emissions in 2020 were AA1000 Type 1 Moderate Assurance. In 2021 and 2022, the greenhouse gas inventory obtained ISO14064 verification assurance.

Table 18. Greenhouse Gas Emission by Site

Unit of Carbon Emission: Mt CO_{2e} Emission Intensity：Mt CO2e/ per million USD	GTH	GTC	ATC	GTK	MPTK	MPTZ	MPTV	GVL	GCS	GKS	Total
Emissions: category 1	13.11	22.55	13.49	116.14	1,614.88	430.14	410.96	4,730.79	3,978.56	1,050.91	12,381.53
Emissions: category 2	56.30	1,052.71	466.77	3,871.22	31,582.20	15,621.90	14,777.54	18,338.65	5,806.08	3,075.07	94,648.43
Emissions: category 3-6 (Scope 3)	2.90	5,685.84	757.99	42,870.34	19,337.81	12,696.94	1,693.41	19,073.04	78,264.84	20,174.65	200,557.76
Total Emission (Category 1+2)	69.41	1,075.26	480.26	3,987.36	33,197.08	16,052.04	15,188.50	23,069.44	9,784.64	4,125.98	107,029.96
Emission Intensity (Category 1+2)	0.85	3.44	2.85	14.30	135.29	144.50	271.08	79.64	226.94	316.96	98.16
Total Emission (Category 1+2+3)	72.30	6,761.10	1,238.25	46,857.70	52,534.89	28,748.98	16,881.91	42,142.47	88,049.48	24,300.63	307,587.71
Emission Intensity (Category 1+2+3)	0.88	21.65	7.35	167.99	214.10	258.80	301.31	145.48	2,042.19	1,866.76	282.10