



Energy Consumption & GHG Emission of Getac Holdings (stand-alone) and subsidiaries in 2021

			GTH	GTC Nangang	GTC Xizhi	ATC Nangang	ATC Linkou	ATC Hwaya	GTK	MPTK	MPTZ	MPTV	GCS	GCS Kunshan	GVL
Energy	Diesel	KG	0	0	0	44	0	0	0	13,690	8,263	140,954	7,392	2,895	31,244
	Natural Gas	M ³	0	0	0	0	0	0	0	199,809	82,066	0	2,284,800	717,195	0
	LPG	KG	0	0	0	0	0	0	0	0	0	11,959	0	0	315,292
	Petrol	KG	3,278	2,544	179	815	0	0	0	0	53,964	11,414	21,586	0	0
	Purchased Electricity	KWh	56,900	580,380	813,777	255,597	483,829	18,351	6,438,450	47,463,100	30,208,928	31,617,382	11,494,892	6,185,805	23,974,404
	Purchased Steam	Mt	0	0	0	0	0	0	0	40,441	25,650	0	0	0	0
	Total Energy Consumption	GJ	350.1	2202.1	2,937.5	958.2	1,741.8	66.1	23,178.4	290,857.2	185,405.9	120,908.0	116,285.5	45,513.5	892,961.3
GHG Emission	Scope 1+2	Mt CO _{2e}	39.36	297.97	423.61	130.66	255.10	11.80	3,808.72	41,000.50	26,077.59	26,267.56	11,738.14	5,165.27	20,337.60
	Scope 1+2+3	Mt CO _{2e}	39.36	297.97	11,078.91	130.66	585.67	252.07	58,423.02	68,795.54	46,094.90	26,267.56	84,860.67	27,587.52	20,337.60
	Scope 1	Mt CO _{2e}	10.80	6.62	15.10	2.92	12.22	2.59	67.98	998.40	680.11	844.02	5,059.61	1,571.31	1,059.78
	Scope2	Mt CO _{2e}	28.56	291.35	408.52	127.74	242.89	9.21	3,740.74	40,002.10	25,397.48	25,423.54	6,678.53	3,593.95	19,277.82
	Scope 3	Mt CO _{2e}	0	0	10,656.30	0	330.57	240.27	54,614.30	27,795.04	20,017.31	N.A	73,122.53	22,422.26	N.A

Water Risk Assessment

According to the World Wildlife Fund (WWF) “Water Risk Filter”*, Taiwan (Feitsui Reservoir), China Kunshan (Kuilei Lake, Dianshan Lake), Changshu Plant (Shanghu Lake), and Vietnam Hanoi Plant (ground water) are located in mid to high-risk areas of water resources, however, Getac Technology Corp. is not a large water user with annual total water withdrawal accounted for less than 0.01% of the local water body, and has no significant impact on local water resources, however, to promote the recycling and reuse of water resources, Getac continues to strengthen various water conservation and water recycling measures.

A total of 486.45 megaliters of drainage was discharged, regardless of whether the industrial wastewater and domestic wastewater meet national discharge standards, and were discharged into the surface watershed through the local government sewer management system and sewage treatment facilities.

Water Withdraw	Low risk	Our plants in China and Taiwan derive their water supply from the municipal water distribution network, while the Vietnam Plant mostly relies on ground water. Since system assembly production processes do not require any water and reclaimed water is utilized to satisfy the demands of plastic and metal processes, water supply fluctuations have a relatively low impact on the Company’s operations.
Drinking water	Low risk	The drinking water in our plants is processed with filter equipment. Regular inspections are carried out pursuant to relevant laws and regulations.
Flooding	Low risk	The Company has formulated “Emergency Response Procedures” and devises adaptation plans to enhance the post-disaster recovery ability. No major disasters occurred in 2021.
Legal compliance	Low risk	Relevant laws are reviewed on a regular basis to ensure conformity. Qualified wastewater treatment operators which have been licensed by the government are commissioned to treat the wastewater and sewage generated by the Company. The discharge water quality is measured and tested on a regular basis. No fines were imposed for environmental violations in 2021

Water Use of Getac Holdings (Stand-alone) and Subsidiaries in 2021

Unit: Megaliters

	Taiwan						Kunshan, China				Changshu, China	Hanoi, Vietnam		Total
	GTH	GTC Nangang	GTC Xizhi	ATC Nangang	ATC Linkou	ATC Hwaya	GTK	MPTK	MPTZ	GCS Kunshan	GCS	MPTV	GVL	
Water Withdraw	0.86	9.14	2.41	3.21	4.68		31.34	218.54	171.44	18.97	100.72	124.64	97.55	783.48
	Feitsui Reservoir						Kuilei Lake, Dianshan Lake				Shanghu Lake	Groundwater		
Water Discharge	0.69	7.31	1.92	2.57	3.74		25.07	114.51	103.46	4.83	80.57	49.91	91.85	486.45
	Tamsui River Basin						Soochow Creek Basin				Baimao Pond Basin	Taiping River Basin		
Water Consumption	0.17	1.83	0.48	0.64	0.94		6.27	104.02	67.97	14.13	20.14	74.73	5.70	297.03