GigaDevice

2025

1

1. 1
2. 1
3. 2
4. 2

4

1. 4
2. 4
3. 4
4. 5

6

1. 6
2. 6
3. 6

8

1. 8
2. 8

9

1. 2025 9
2. 9
3. 12
4. 13

14

1. 14
2. 14

1.

WMO 2025 2015 2025

11 2024 1850 - 1900

1.55℃ 1.5℃ 2025 1.43℃ 1850

F-GHGs

ISO 14064-

GHG Protocol 2025

2.

GigaDevice 2005

603986.SH 3986.HK

MCU

3.

4.

1 ISO 14064-1 2018 - 1

2 2006 IPCC 2019

3 GHG Protocol

4

5

6

7 2023

8 GHG

1.1

	EPA		
	EPA		
	IPCC	3.7	
		2023	
	CPCD	China Products Carbon Footprint Factors Database [1]	

[1] CPCD China Products Carbon Footprint Factors Database | EPA. Available at: https://lca.cityghg.com/

	GB/T 51366-2019
	GB/T 51366-2019
CPCD	China Products Carbon Footprint Factors Database

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ISO 14064-1:2018

2.1

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4.

2025 1 1 2025 12 31

1.

ISO 14064-1:2018

IPCC AR6 7 CO_2

CH_4 N_2O (HFCs PFCs SF_6

NF_3

2.

0.5%

3%

3.

-
-
-
-

3.1

/	
	CO_2
	HFCs PFCs

1.

2.

1. 2025

5.1

		kWoh	tCO_2e	tCO_2e/revenue per CNY 100 million
ESG	296,287.00	5,955,000.00	5,338.935	58.010
	296,287.00	6,226,000.00	5,173	

	1,118,339.26 kWoh	593,390.81	[illegible] kWoh	5,228,112.70	3,394,060.01 kWoh	1,800,888.24	7,622,391.75
		0.00		2,892,886.22		2,069,018.98	4,961,905.20
		44,143.11		**3,015,230.49**		**2,114,358.47**	**5,173,732.07**

1) “ ”

(1)

5.3 [2]

		kg CO_2e		kg CO_2e		kg CO_2e	kg CO_2e
	4,102.65L	8,997.11	3,115.06 L	4,524.64	5,060.00 L		24,618.33
	/	/	/	/	/	/	/
	/	35,146.00	/	117,819.63	/	34,242.91	187,208.54
							211,826.87

95 98

(2)

[illegible] CO_2

2025 2025

5.4 2025 kg CO_2e

2	IC-Park	1,118,339.26	593,390.81	0
3		515,274.00	273,404.38	314,111.03
4		435,455.00	231,052.42	265,453.37
5		46,181.00	24,503.64	28,151.94
6		1,768,807.50	938,529.26	1,078,265.05
7		284,318.00	150,859.13	173,320.25
8	2.5	170,209.55	90,313.19	103,759.74
9		113,462.80	60,203.36	69,166.92
10		60,	32,022.86	36,790.68
		14,365,608.27	**7,622,391.75**	**4,961,905.20**

5.5 2025 kg CO_2e

						2025	
kWoh	kg CO_2e	kWoh	kg CO_2e	kWoh	kg CO_2e	kWoh	kg CO_2e
5,963,363.78	3,164,160.83	3,615,760.00	1,918,522.25	4,786,484.49	2,539,708.67	14,365,608.27	7,622,391.75
	1,992,438.81		1,061,581.29		1,907,885.10		4,961,905.20

5.6-1 2025 kg CO_2e

							2025	
	kWoh	kg CO_2e	kWoh	kg CO_2e	kWoh	kg CO_2e	kWoh	kg CO_2e
	4,213,328.00	2,235,591.84	3, ,760.00	1,918,522.25	2,024,121.00	1,073,998.61	9,853,209.00	5,228,112.70
		1,237,026.28		1,061,581.29		594,278.65		2,892,886.22
IC-Park	510,	271,052.77	/	/	,497.26	322,338.04	1,118,339.26	593,390.81
		0.00				0.00		0.00
	4,724,170.00	2,506,644.61	3, 760.00	1,918,522.25	2,631,618.26	1,396,336.65	10,971,548.26	5,821,503.51
		1,237,026.28		1,061,581.29		594,278.65		2,892,886.22

5.6-2 2025 kg CO_2e

	kWoh	kg CO_2e	kWoh	kg CO_2e	kWoh	kg CO_2e
	43,317.78	22,984.41 26,406.52	471,956.22	250,419.97 287,704.51	515,274.00	273,404.38 314,111.03
	/	/	435,455.00	231,052.42 265,453.37	435,455.00	231,052.42 265,453.37
	/	/	46,181.00	24,503.64 28,151.94	46,181.00	24,503.64 28,151.94
	1,195,870.00	634,531.81 729,006.01	572,931.50	303,997.45 349,259.04	1,768,807.50	938,529.26 1,078,265.05
	/	/	284,318.00	150,859.13 173,320.25	284,318.00	150,859.13 173,320.25
2.5	/	/	170,209.55	90,313.19 103,759.74	170,209.55	90,313.19 103,759.74
	/	/	113,462.80	60,203.36 69,166.92	113,462.80	60,203.36 69,166.92
	/	/	60,352.16	32,022.86 36,790.68	60,352.16	32,022.86 36,790.68
	1,239,193.78	657,516.22 755,412.53	2,154,866.23	1,143,372.02 1,313,606.45	3,394,060.01	1,800,888.24 2,069,018.98

3.

2025

1,731,985.82 [5]

5.7 2025 kg CO_2e

		kg CO_2e
	-	287,164.35
	-	1,124,120.00
	-	320,701.47
		1,731, .82

2025

4.

2025 2025

14,365, 27 kWoh 0 m³ 12,277.71 L 296,287 kWoh

2025

5.8 2025

	48.71
	12.30
	36.41
	1,765.53
	1,814.24
	555.79

[5]

1.

SBTi 2025

2021

2021 ISO 14064-1:2018

CDP MSCI ESG S&P Global CSA

2022

2023

2022

SBTi 2026

SBTi 2026 SBTi

SBTi

SBTi

- - MRV

2.

6.1 2022

6.1

	2022	2021

		60.20	47.43
		4,643.34	5,204.99
		4,703.54	[illegible]
	/	57.85	61.72

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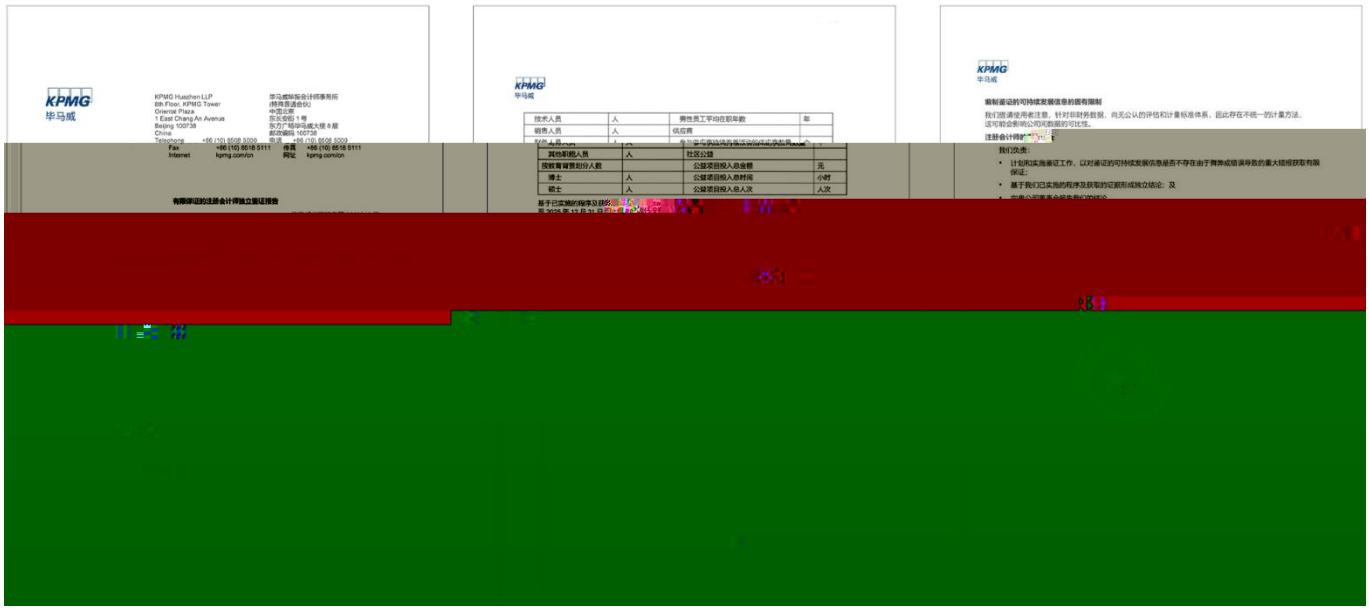
ISO 14064-1 ISO 14064-1

2.



7.1 ESG

1.

2025

2026-2028 ESG 2026

8.1

	2023				2025
	2023				2025
	2030	100%			
	2030		2021	50%	
	2060				
	2060				
	2030		60%		
	2030	100%			
	2060		100%		
	2060			100%	

2025 44.48%

2025

8.2

2025		2024	
kWoh	tCO_2e	kWoh	tCO_2e
296,287.00	180.617	310,239.00	176.929

		4,226,000.00	2,576.170	1,270,000.00	724.281
	I-REC	500,000.00	304.800	1,000,000.00	846.075
	GEC	1,500,000.00	914.400	12,000,000. 00	787.800
		6,522,287.00	3,[illegible]987	3,780,239.00	2,535.085

SBTi 6

2.

ISO 14064:2018

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SBTi