

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 |



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|        |     |       |             |        |
|--------|-----|-------|-------------|--------|
|        | WMO | 2025  | 2015        | 2025   |
|        | 11  | 2024  | 1850 - 1900 |        |
| 1.55°C |     | 1.5°C | 2025        | 1.43°C |
|        |     |       |             | 1850   |

F-GHG

|                  |      |
|------------------|------|
| ISO 14064-1:2018 | 2018 |
| GHG Protocol     | 2025 |

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|           |            |      |
|-----------|------------|------|
|           | GigaDevice | 2005 |
| 603986.SH | 3986.HK    |      |
| MCU       |            |      |

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- 1 ISO 14064-1 2018 - 1
- 2 2006 IPCC 2019
- 3 GHG Protocol
- 4
- 5
- 6
- 7 2023
- 8 GHG

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|      | EPA                                                   |     |              |
|------|-------------------------------------------------------|-----|--------------|
|      | EPA                                                   |     |              |
|      | IPCC                                                  | 3.7 |              |
|      |                                                       |     |              |
| 2023 |                                                       |     |              |
|      | CPCD China Products Carbon Footprint Factors Database |     | <sup>1</sup> |
|      |                                                       |     |              |

<sup>1</sup> CPCD China Products Carbon Footprint Factors Database | EPA Available at: <https://ce.cntrc.com/>

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

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ISO 14064-1:2018

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| 1  | IC-Park |         | 9   | 8        |    |            |     |  | / |
|----|---------|---------|-----|----------|----|------------|-----|--|---|
| 2  |         |         |     | 368      |    |            |     |  |   |
| 3  |         |         | 5   | 10       | 6  |            |     |  |   |
| 4  |         |         | 505 | 11F01-04 | 08 | 12F        | 15F |  |   |
| 5  |         |         | 18  |          |    |            |     |  |   |
| 6  |         |         |     | 211      |    |            |     |  |   |
| 7  |         |         |     | 10       | B  | 011303     |     |  |   |
| 8  | 2.5     |         | 88  | 2.5      |    | N1-1201-03 |     |  |   |
| 9  |         |         |     | 9        | 10 |            |     |  |   |
| 10 |         |         |     | 1889     |    | 20         | D   |  |   |
|    |         | 210-214 |     |          |    |            |     |  |   |

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ISO 14064-1:2018

IPCC AR6

7

CO<sub>2</sub>

CH<sub>4</sub>

N<sub>2</sub>O

(HFCs

PFCs

SF<sub>6</sub>

NF<sub>3</sub>

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0.5%

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| / |  |      |                 |
|---|--|------|-----------------|
|   |  |      |                 |
|   |  |      |                 |
|   |  |      |                 |
|   |  |      |                 |
|   |  | HFCs | PFCs            |
|   |  |      | CO <sub>2</sub> |
|   |  |      |                 |
|   |  |      |                 |

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|     |            | kWoh         |  | tCO <sub>2</sub> e | tCO <sub>2</sub> e/revenue per CNY<br>100 million |
|-----|------------|--------------|--|--------------------|---------------------------------------------------|
| ESG | 296,287.00 | 5,955,000.00 |  | 5,338.935          | 58.010                                            |
|     | 296,287.00 | 6,226,000.00 |  |                    |                                                   |

|                      |                  |                      |                     |                      |                     |                     |
|----------------------|------------------|----------------------|---------------------|----------------------|---------------------|---------------------|
| 1,118,339.26<br>kWoh | 593,390.81       | 2,852,200.00<br>kWoh | 5,228,112.70        | 3,394,060.01<br>kWoh | 1,800,888.24        | 7,622,391.75        |
|                      | 0.00             |                      | 2,892,886.22        |                      | 2,069,018.98        | 4,961,905.20        |
|                      | <b>44,143.11</b> |                      | <b>3,015,230.49</b> |                      | <b>2,114,358.47</b> | <b>5,173,732.07</b> |

1) “ ”

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5.3 2

|           | kg CO <sub>2</sub> e |            | kg CO <sub>2</sub> e |            | kg CO <sub>2</sub> e | kg CO <sub>2</sub> e |
|-----------|----------------------|------------|----------------------|------------|----------------------|----------------------|
| 4,102.65L | 8,997.11             | 3,115.06 L | 4,524.64             | 5,060.00 L | 11,096.58            | 24,618.33            |
| /         | /                    | /          | /                    | /          | /                    | /                    |
| /         | 35,146.00            | /          | 117,819.63           | /          | 34,242.91            | 187,208.54           |
|           |                      |            |                      |            |                      | <b>211,826.87</b>    |

95 98

(2)

2022 CO<sub>2</sub>  
2025 2025

5.4 2025 kg CO<sub>2</sub>e

|      |
|------|
| 2025 |
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|    |         |                      |                     |                     |
|----|---------|----------------------|---------------------|---------------------|
| 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 |         | 60,000.00            | 32,022.86           | 36,790.68           |
|    |         | <b>14,365,608.27</b> | <b>7,622,391.75</b> | <b>4,961,905.20</b> |

5.5 2025

kg CO<sub>2</sub>e

| 2025         |                      |              |                      |              |                      |               |                      |
|--------------|----------------------|--------------|----------------------|--------------|----------------------|---------------|----------------------|
| kWoh         | kg CO <sub>2</sub> e | kWoh         | kg CO <sub>2</sub> e | kWoh         | kg CO <sub>2</sub> e | kWoh          | kg CO <sub>2</sub> e |
| 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<sub>2</sub>e

| 2025    |              |                      |              |                      |              |                      |               |                      |
|---------|--------------|----------------------|--------------|----------------------|--------------|----------------------|---------------|----------------------|
|         | kWoh         | kg CO <sub>2</sub> e | kWoh         | kg CO <sub>2</sub> e | kWoh         | kg CO <sub>2</sub> e | kWoh          | kg CO <sub>2</sub> e |
| IC-Park | 4,213,328.00 | 2,235,591.84         | 3,615,760.00 | 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         |
|         | 510,000.00   | 271,052.77           | /            | /                    | 1,497.26     | 322,338.04           | 1,118,339.26  | 593,390.81           |
|         |              | 0.00                 |              |                      |              | 0.00                 |               | 0.00                 |
|         | 4,724,170.00 | 2,506,644.61         | 3,615,760.00 | 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<sub>2</sub>e

|     | kWoh         | kg CO <sub>2</sub> e | kWoh         | kg CO <sub>2</sub> e | kWoh         | kg CO <sub>2</sub> e |
|-----|--------------|----------------------|--------------|----------------------|--------------|----------------------|
|     | 43,317.78    | 22,984.41            | 471,956.22   | 250,419.97           | 515,274.00   | 273,404.38           |
|     |              | 26,406.52            |              | 287,704.51           |              | 314,111.03           |
|     | /            | /                    | 435,455.00   | 231,052.42           | 435,455.00   | 231,052.42           |
|     |              |                      |              | 265,453.37           |              | 265,453.37           |
|     | /            | /                    | 46,181.00    | 24,503.64            | 46,181.00    | 24,503.64            |
|     |              |                      |              | 28,151.94            |              | 28,151.94            |
|     | 1,195,876.00 | 634,531.81           | 572,931.50   | 303,997.45           | 1,768,807.50 | 938,529.26           |
|     |              | 729,006.01           |              | 349,259.04           |              | 1,078,265.05         |
|     | /            | /                    | 284,318.00   | 150,859.13           | 284,318.00   | 150,859.13           |
|     |              |                      |              | 173,320.25           |              | 173,320.25           |
| 2.5 | /            | /                    | 170,209.55   | 90,313.19            | 170,209.55   | 90,313.19            |
|     |              |                      |              | 103,759.74           |              | 103,759.74           |
|     | /            | /                    | 113,462.80   | 60,203.36            | 113,462.80   | 60,203.36            |
|     |              |                      |              | 69,166.92            |              | 69,166.92            |
|     | /            | /                    | 60,352.16    | 32,022.86            | 60,352.16    | 32,022.86            |
|     |              |                      |              | 36,790.68            |              | 36,790.68            |
|     | 1,239,193.78 | 657,516.22           | 2,154,866.23 | 1,143,372.02         | 3,394,060.01 | 1,800,888.24         |
|     |              | 755,412.53           |              | 1,313,606.45         |              | 2,069,018.98         |

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2025

1,731,985.825

5.7 2025kg CO<sub>2</sub>e

| kg CO <sub>2</sub> e |              |
|----------------------|--------------|
| -                    | 287,164.35   |
| -                    | 1,124,120.00 |
| -                    | 320,701.47   |
|                      | 1,731, .82   |

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14,365,332.27 kWoh0 m<sup>3</sup>12,277.71 L296,287 kWoh

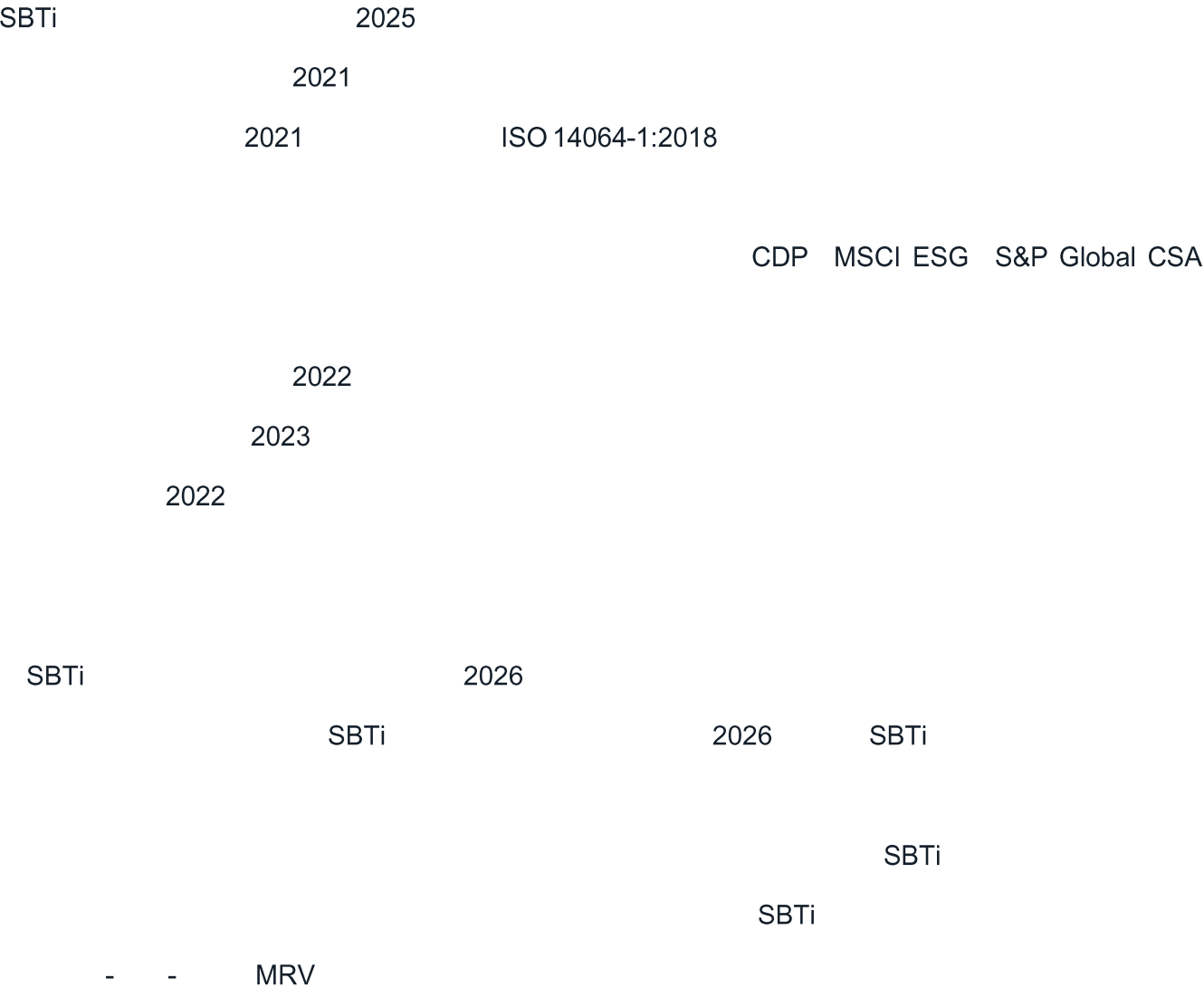
2025

5.8 2025

|  | 48.71    |
|--|----------|
|  | 12.30    |
|  | 36.41    |
|  | 1,765.53 |
|  | 1,814.24 |
|  | 555.79   |

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|   |          |                     |
|---|----------|---------------------|
|   | 60.20    | 47.43               |
|   | 4,643.34 | 5,204.99            |
|   | 4,703.54 | <del>5,252.12</del> |
| / | 57.85    | 61.72               |

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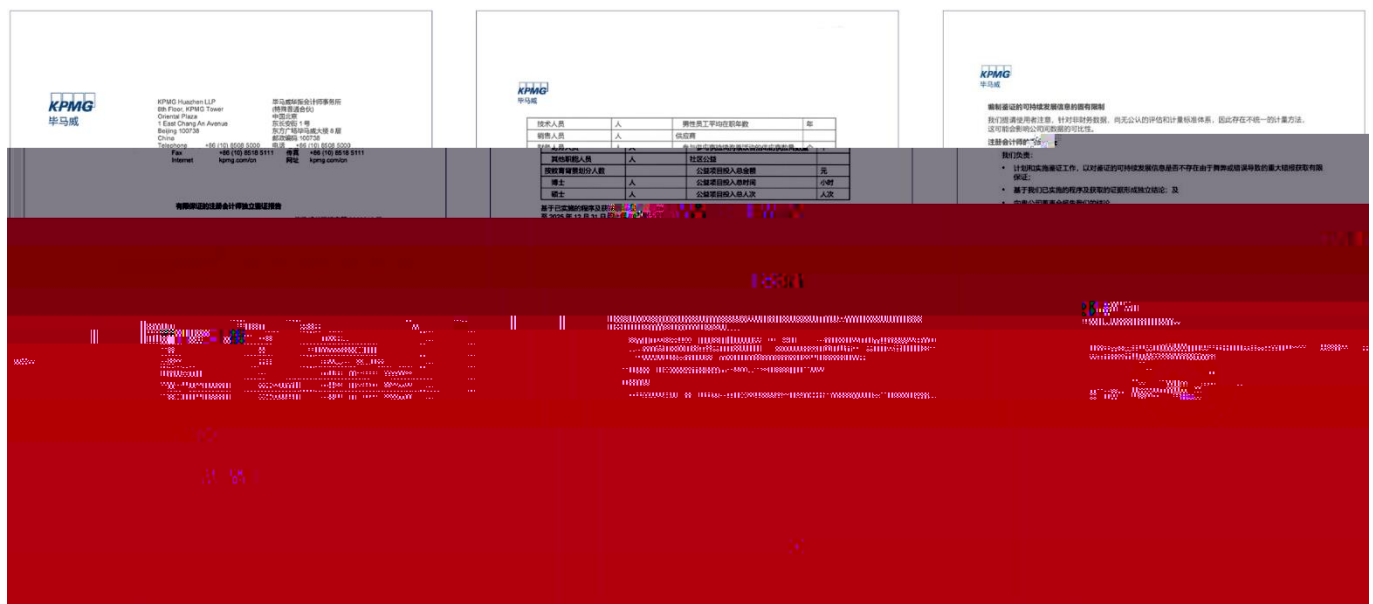
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ISO 14064-1

ISO

14064-1

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## 7.1 ESG

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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

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8.2

| 2025       |                    | 2024       |                    |
|------------|--------------------|------------|--------------------|
| kWoh       | tCO <sub>2</sub> e | kWoh       | tCO <sub>2</sub> e |
| 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   |
| TC    | 6,522,287.00 | 3,975.987 | 3,780,239.00   | 2,535.085 |

SBTi

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ISO 14064:2018

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