1&2&3

2026 4

1. 1

2. 1

3. 1

4. 2

5. 2

6. 3

6.1. 3

6.2. 4

6.3. 6

6.4. 8

7. 27

7.1. 28

7.2. 28

7.3. 29

7.4. 30

- ISO 14064-1:2018 - Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

- The Greenhouse Gas Protocol - A Corporate Accounting and Reporting Standard

/ /

- The Greenhouse Gas Protocol - Scope 2 Guidance 2
- The Greenhouse Gas Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard 3
- 2006 Intergovernmental Panel on Climate Change (IPCC) - Guidelines for National Greenhouse Gas Inventories, and 2019 Refinement 2006

IPCC - 2019

- -

2025 2025 1 1 – 2025 12 31

1

2

3

4

5

6

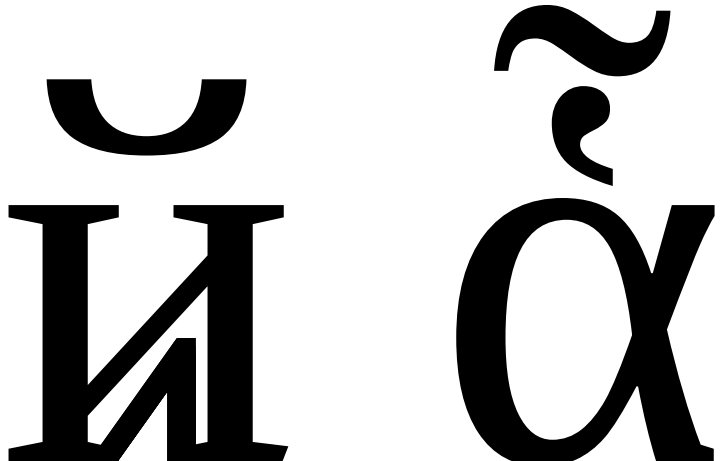
7

8

9

3 1	• • •	• • 12 • 1

	• •	• 1
3 2 3	• • 1&2&3 •	• • 2 •
3 4	• • •	• •



1		10.47
2		10.37
3		10.62
4		16.79
5		11.42
6		11.02
7		9.95
8		10.21
9		26.46
10		8.64
11		26.53
12		4.39

1		LNG
2		

3		
4		
5		

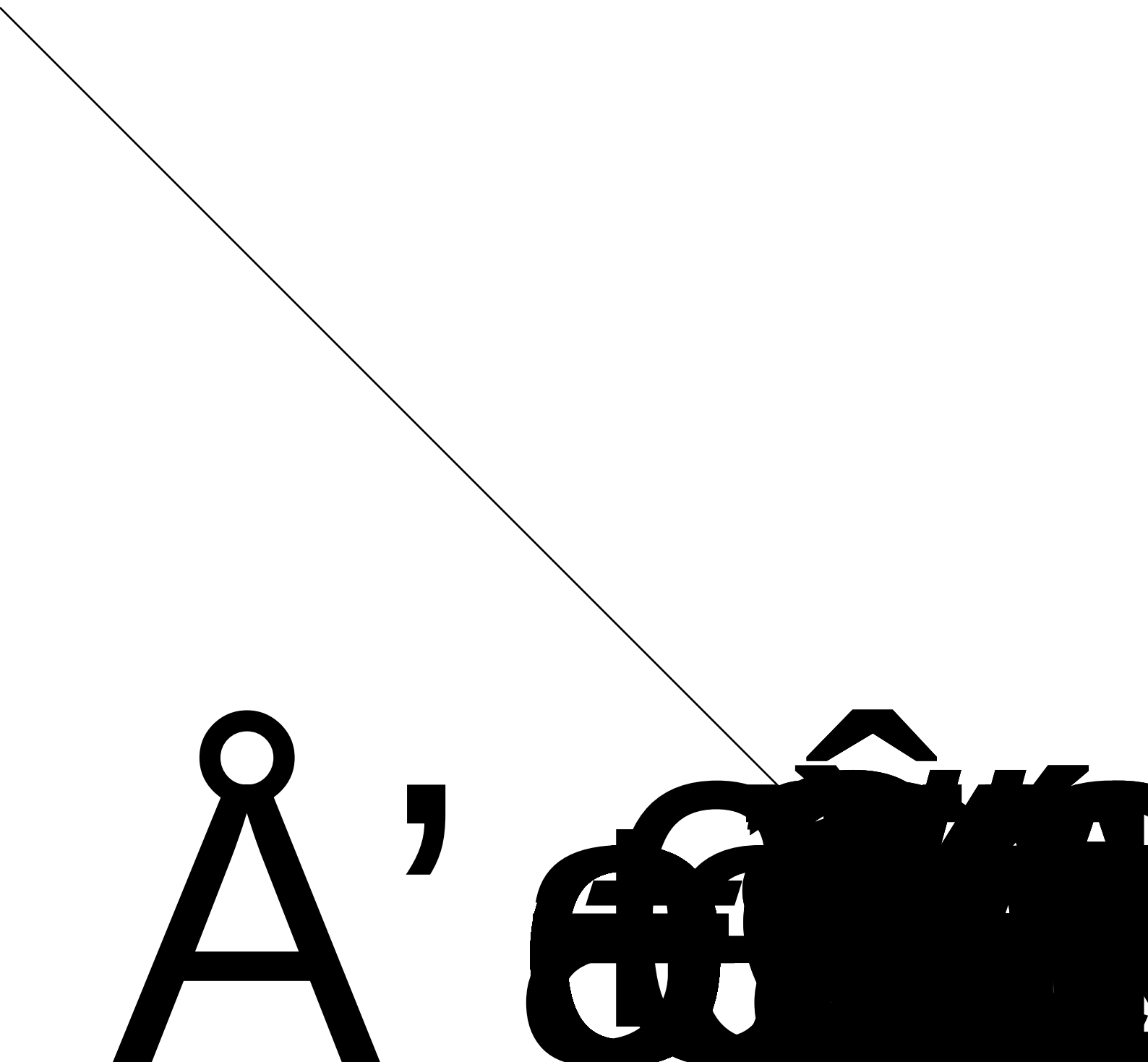
6	-	
7	-	
8	-	
9	-	
10	-	
11	-	

- 9 -

- 10 -

- 11 -

1&2&3



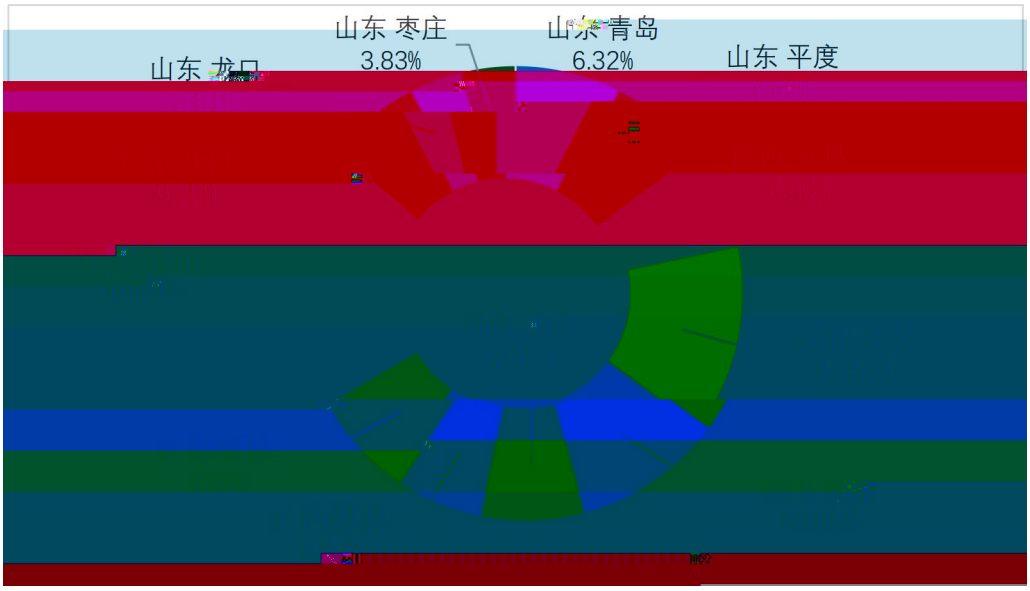
6	SF_6		
7	NF_3		
tCO_2e			

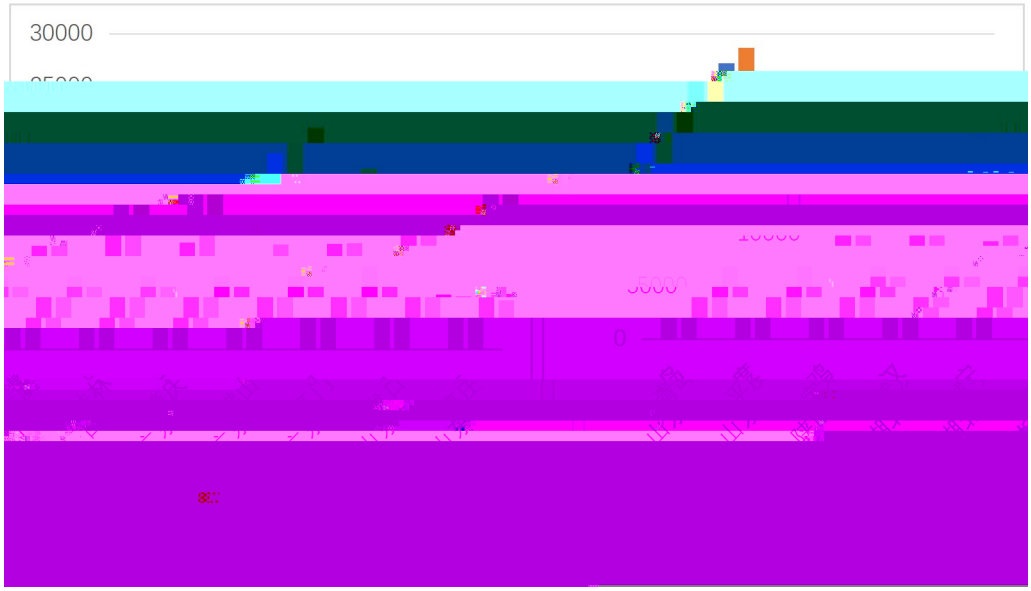
2025

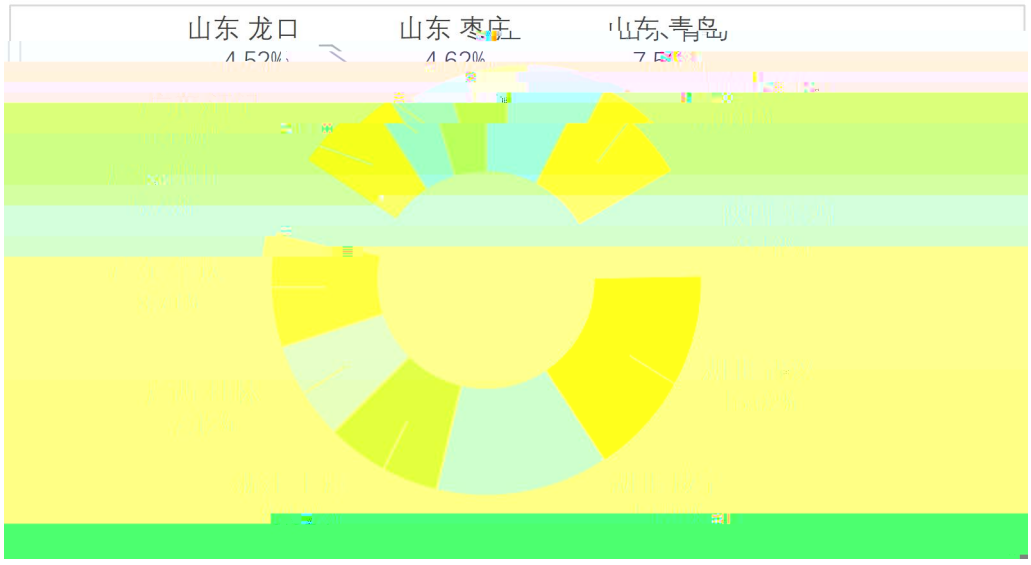
		tCO_2e
1		
tCO_2e		

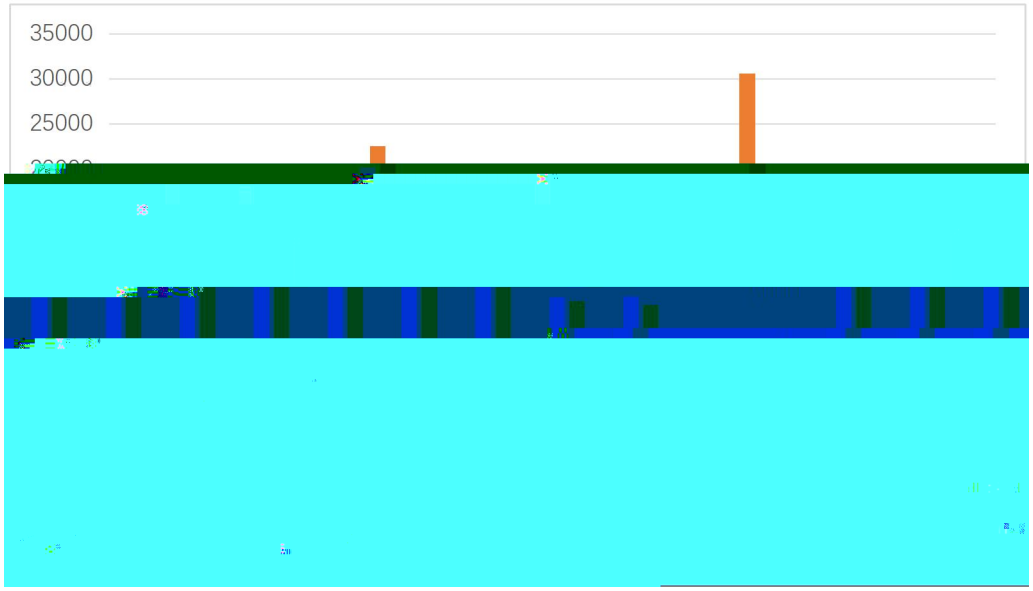
1&2

				/		


山东 枣庄
3.83%
山东 青岛
6.32%
山东 龙口
山东 平度


30000


山东 龙口
山东 枣庄
山东 青岛



1&2

44%

2024 1% 3.81%

3.83% 6%~8%

29% 2024 2025

0 5.73% 4.56%

4.62% 6%-8%

320 10^4 Nm^3 320

2024 182 10^4 Nm^3

192 10^4 Nm^3 16.00% 17.10%

2024 0.42% 9.38%

7.88%

3.83%

2,500~3,500 tCO_2e

6,000~10,000 tCO_2e

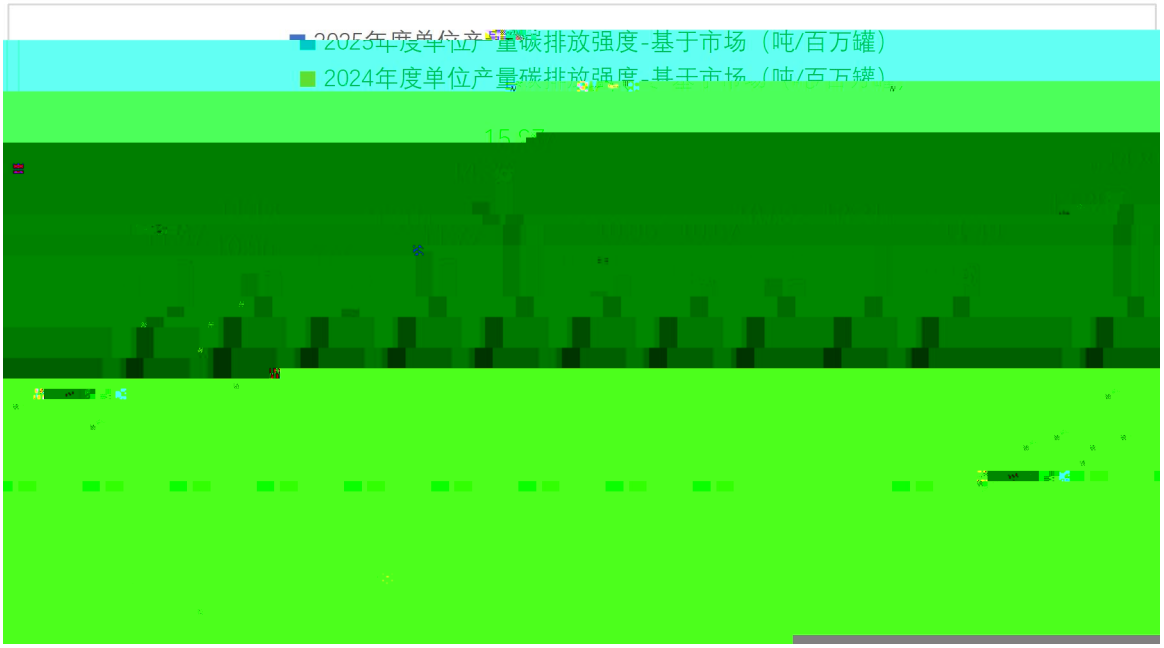
2024 21.26%

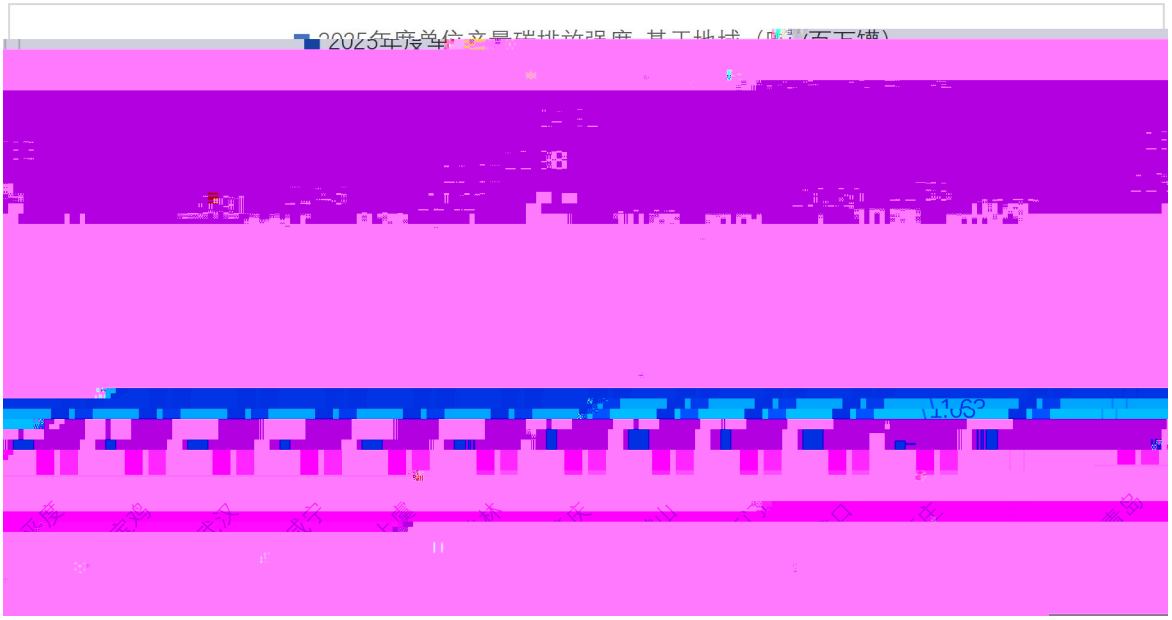
2025

2025

	1,046.57	1,062.09		8.26	10.91		9.12	11.67	
	1,037.24	1,095.63		9.91	10.45		10.96	11.13	
	1,061.61	1,141.18		8.75	9.28		9.65	9.29	
	1,679.25	1,914.55		11.11	11.00		12.04	11.77	
	1,141.72	1,150.91		12.98	14.91		14.36	15.87	
	1,102.03	1,150.82		9.19	10.28		10.09	10.95	
	995.49	996.49		8.53	10.04		9.40	10.67	
	1,021.33	988.12		9.80	10.2-36%				

1.11





11 1&2

2024

9 1&2

9~13 tCO_2e/

1&2 12.98 tCO_2e/

14.36 tCO_2e/ 11

10 SLK SLM

BTL

2025 2024

77.79% 21.86% 18.15%

2024 3.93% 2.27% 25.43%

2025

2025

2

2025

2024 24.35% 14.99% 13.92%

12.96%

2024

2

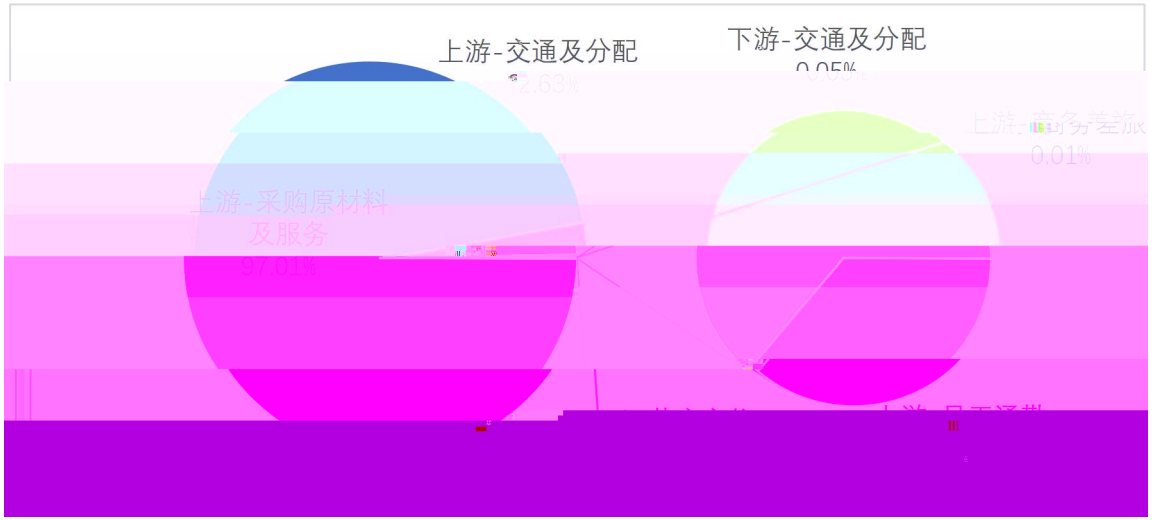
0.98% 20.47%

3

-

-

-


上游-交通及分配
下游-交通及分配
0.05%
上游-采购原材料
及服务
97.01%
上游-商务差旅
0.01%


山东 平度 6.80%

3 3

97.01% 2024

97.61%

1,923,153.62 tCO_2e

1,399,579.74 tCO_2e 72.78%

2024

79.63% 481,59- 3

0

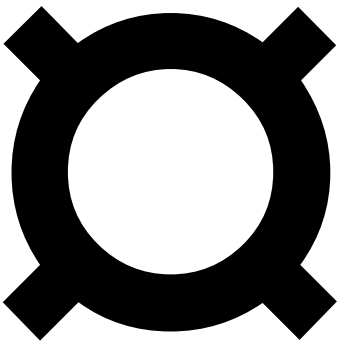
12.31%

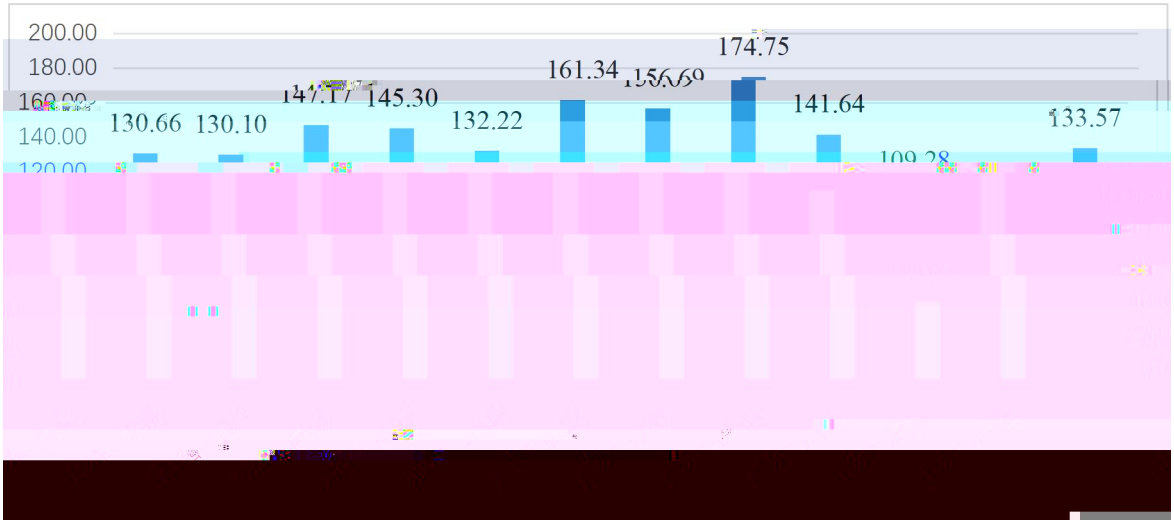
3 2.96%

3 6~8%

3 9.00% 3 8.97%

3 4.76% 3





3

2024 174.75 tCO_2e/

140-160

tCO_2e/

130 tCO_2e/ 2025 3

141.64 tCO_2e/

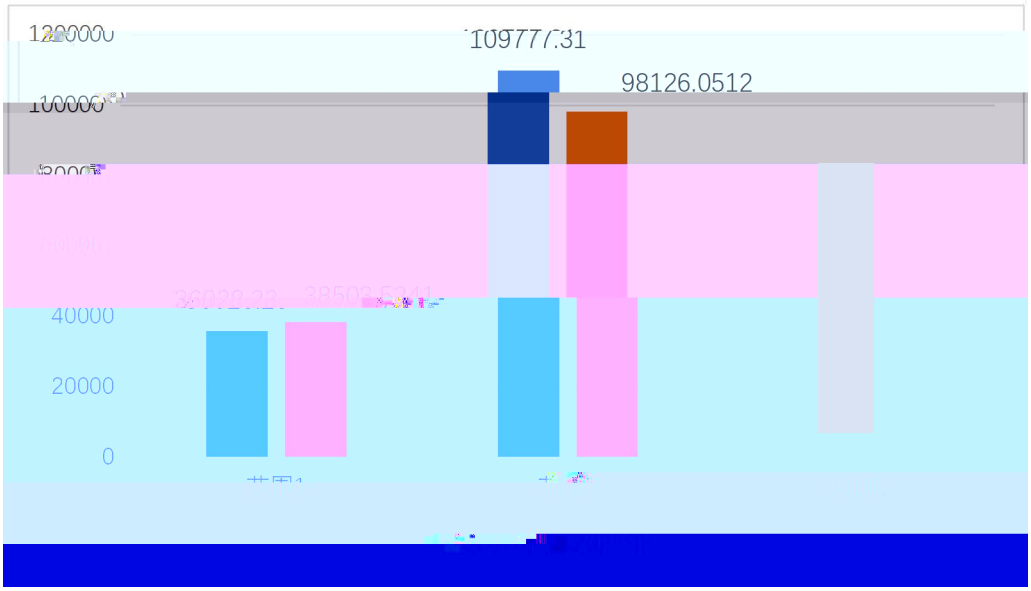
109.28 tCO_2e/

2025 12 1&2&3

11 2024 11

2025

2025



2

2018 2025 9

	1,173,090	862,946	
	33,434.31	36,028.23	
	84,074.06	109,777.31	
	117,508.37	145,805.54	
	0.1002	0.1690	



2018 3 28.23 tCO2e

33,43 tCO2e 7.20%

0 : K

109,777.31 tCO2e 84,074.06 tCO2e

23.41% 2018 0.6101

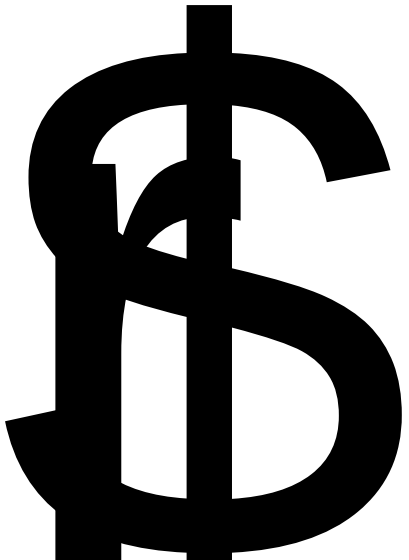
tCO2/MWh 2025 0.5306 tCO2/MWh

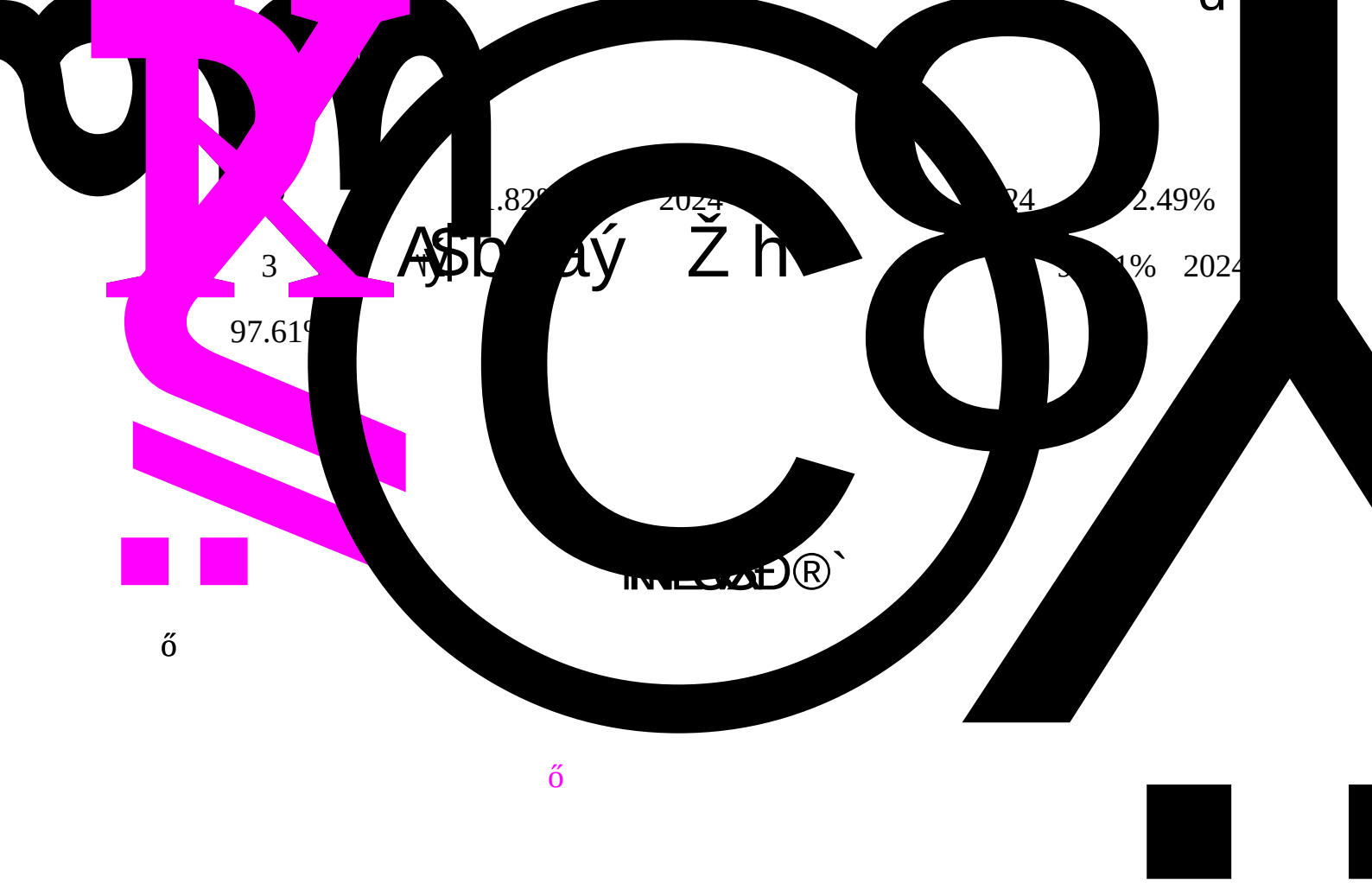
} “ ! ₽ 2018 86.3

) 2025 117.3 35.94%

2018 0.10 з و







PPA

3

97% 72.78%

3