.....3
1 3
2. 3
3 3
4 4
..... 4
..... 5
1 5
2 5
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4 6
..... 6
1 6
2 8
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4 12
..... 13
1 13
2 13
..... 14
1 14
2 15
3 15



2.

2014

8



4

1 GB/T 24067-2024

2 PAS 2050 2011

3 GB/T 24040-2008 / ISO 14040:2006 ——

4 GB/T 24044-2008 / ISO 14044:2006 ——

5 ISO 14025 - 3 -

6 GHG Protocol 2011

7 2006 IPCC

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2 ——————

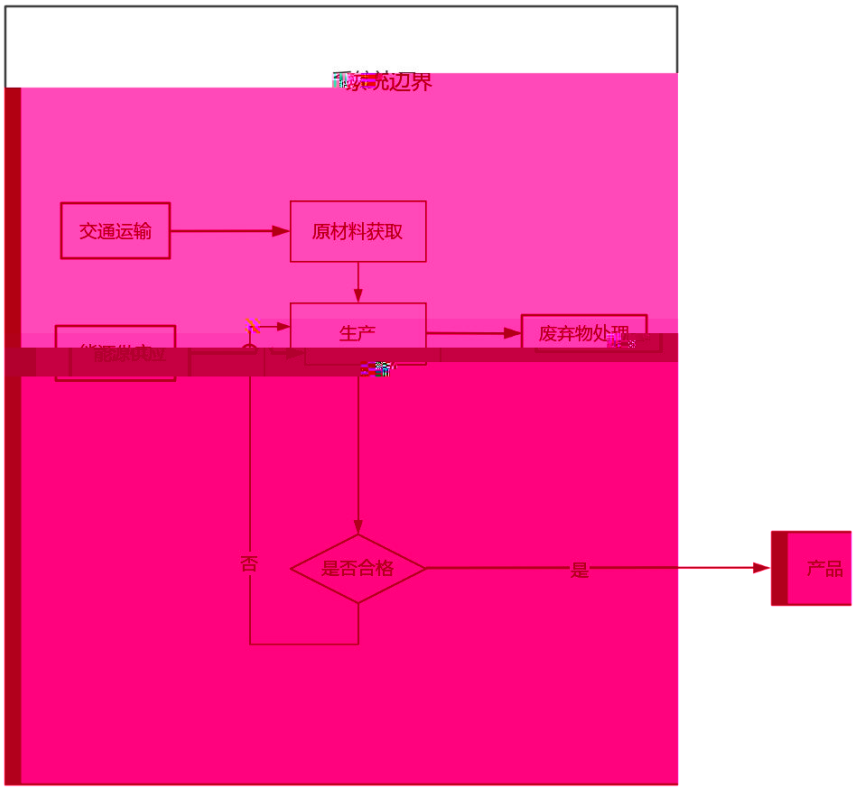
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2

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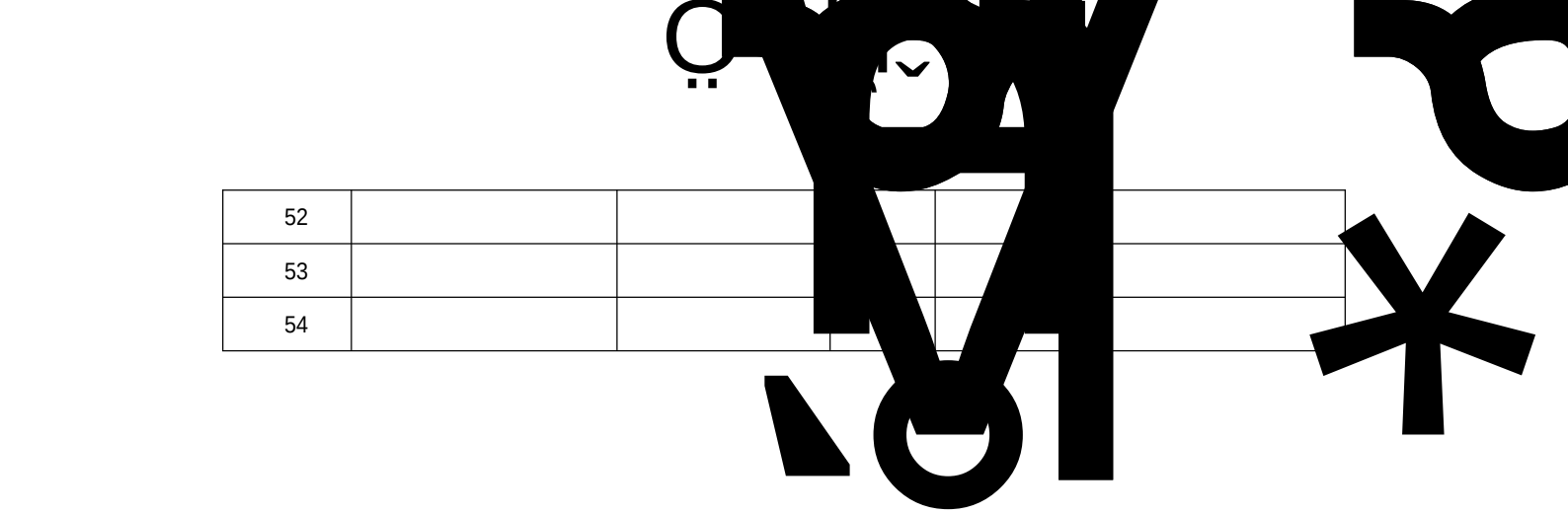
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2024 2024 1 1 2024 12 31

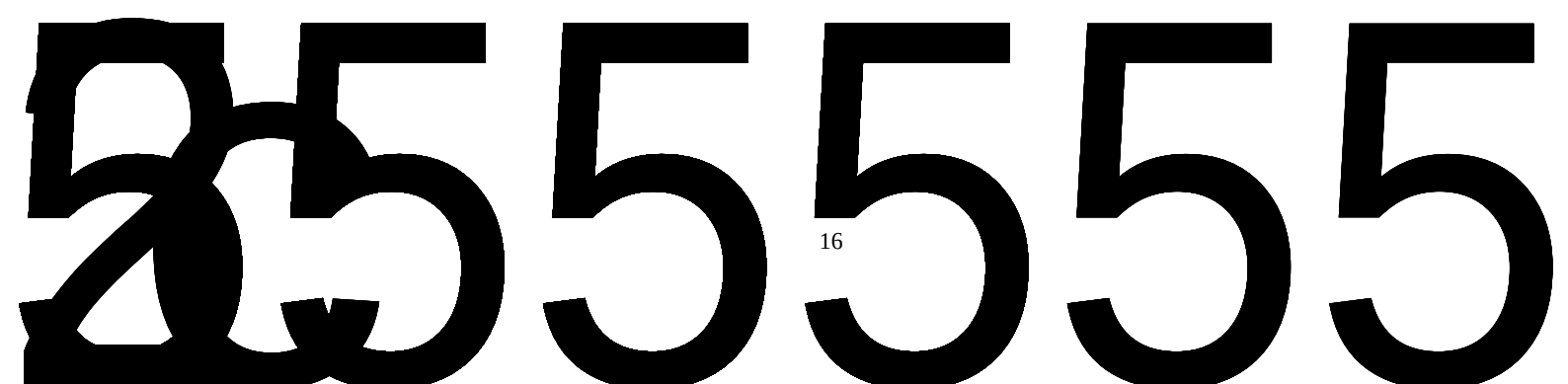
1

1				
2				
3				
4	12%			
5	20%			
6	99.95%			
7	75%			
8	3303			
9				
10	10%			
11	15%			
12				
13	3Ti 1B			
14	20%			
15	75%			
16	75%			
17	20%			
18				
19	A2 Φ9.5			

20				
21	3%			
22	20%			
23	99.99%			
24	10%			
25	5%			
26	40%			
27	5%			
28	10%			
29	10%			
30	5Ti 0.2C			
31	5Ti 0.2B			
32	/ T3B1			
33				
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40				
41				
42				
43				
44				
45				
46				
47				
48				
49			M3	
50				
51		(+)	Kwh	



52				
53				
54				



99.95%						
					-	
75%	0.00255	t/t	0.938	t CO2-eq/ t		0.0024
3303	0.00146	t/t	11.300	t CO2-eq/ t		0.0165
	0.00127	t/t	12.942	t CO2-eq/ t		0.0164
10%	0.00055	t/t	13.657	t CO2-eq/ t		0.0074
15%	0.00032	t/t	13.336	t CO2-eq/ t		0.0043
	0.00050	t/t	5.795	tCO2e /t		0.0029
3Ti 1B	0.00004	t/t	12.942	t CO2-eq/ t		0.0006
20%	0.00060	t/t	11.850	t CO2-eq/ t		

3%	0.00003	t/t	14.300	t CO2-eq/ t		0.0004
20%	0.00045	t/t	11.452	t CO2-eq/ t	3+	

0.00006 t/t 1.19 t CO2-eq/ t

2022

	6
/	3
	1

1 2 3 4 5 6

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1	/	1	6	
2	/	2	5	
3		3	4	
4		4	3	
5		5	2	1 6
6		6	1	

6 3 1 :

1		1
2		3
3		6

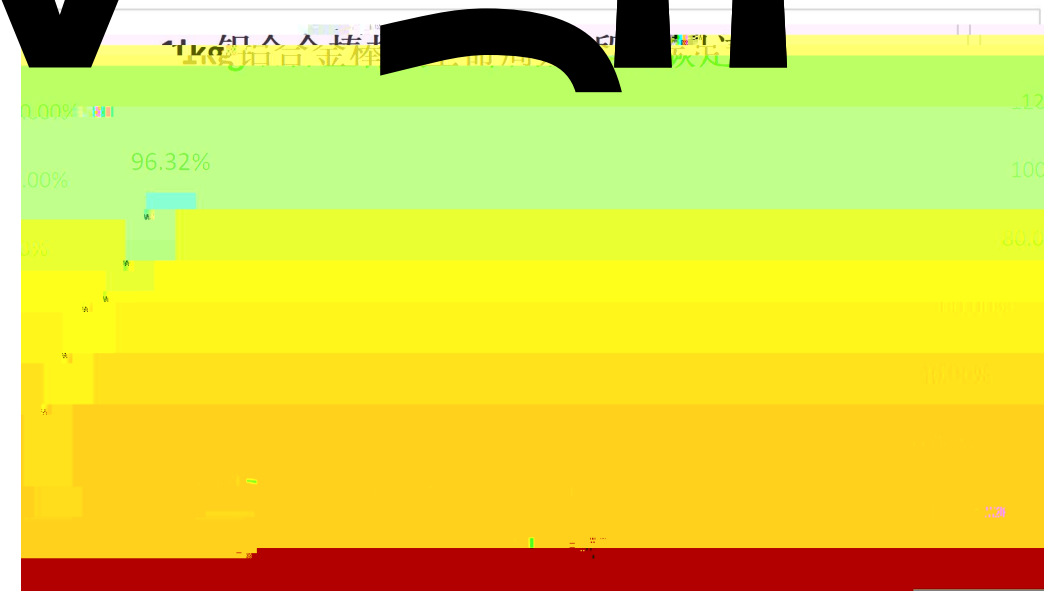
2024 1-12

3.15

1

2

11.22 kgCO_2e/kg



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M g Î ` k

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