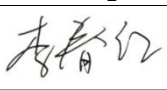


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	/		/
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() /		2025.05.25	
	CO ₂ e	2024	
tCO ₂ e		/	
		1598	
tCO ₂		/	
		1598	
		/	
2024 2024 1598 tCO₂			
			2025 05 27
			2025 05 28

	.....	II
1	.....	4
1.1	.....	4
1.2	.....	4
1.3	.....	4
2	.....	6
2.1	.....	6
2.1.1	.....	6
2.1.2	.....	6
2.2	.....	7
2.3	.....	8
2.4	.....	8
3	.....	10
3.1	.....	10
3.1.1	.....	10
3.1.2	.....	11
3.1.3	.....	14
3.2	.....	15
3.3	.....	16
3.3.1		17
3.3.2	CO ₂	18
3.3.3	CH ₄	18
3.3.4		19
3.4		20
3.4.1		20
3.4.2		24
3.4.3		26
4		27
5		28
1		28
2		28
3		28

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1.1

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2024

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GB/T 4754-2017

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GB 17167-2025

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GB/T 2589-2020

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DL/T 448-2016

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JJG 596-2012

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2.1.1

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2.1.2

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2-2

2025.5.24	
2025.5.25	
2025.5.27	
2025.5.28	
2025.5.28	
2025.5.28	

2.2

2025 5 22

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2025.5.23			
2025.5.23			/

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3.1

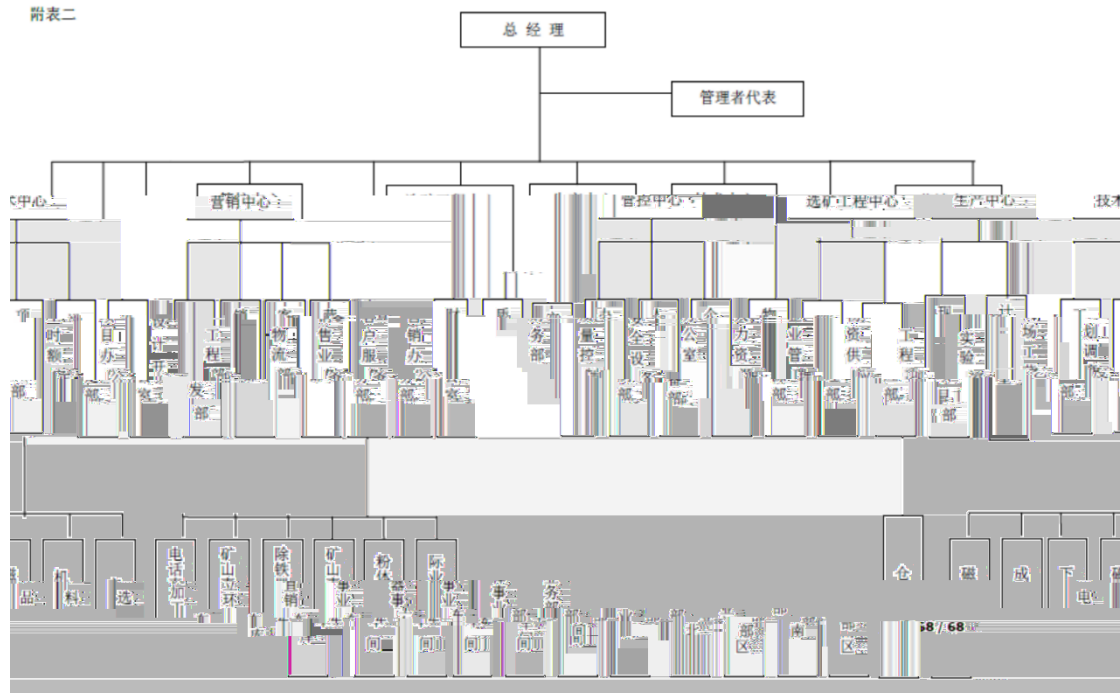
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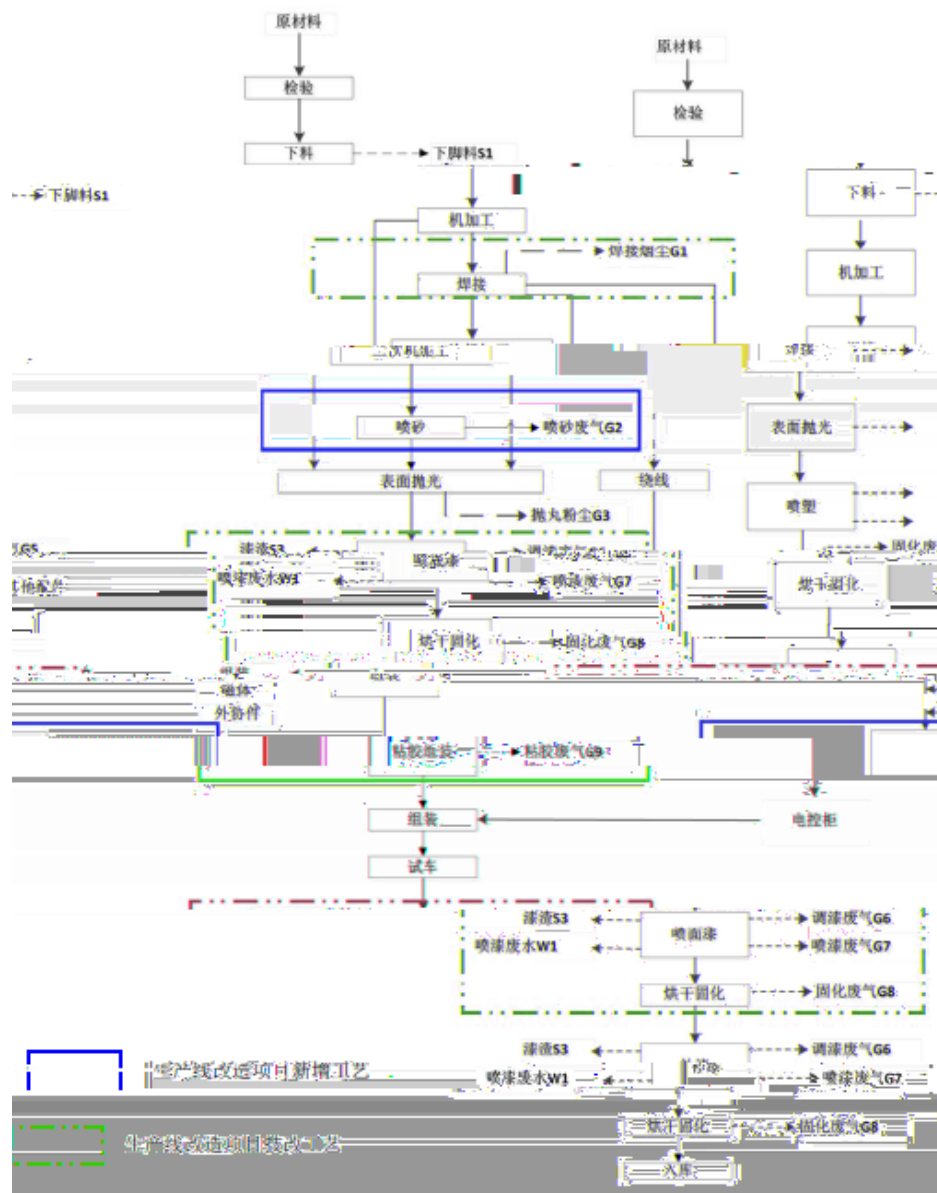
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附表二



3-1

3.1.2



3-2

3-1

1		CG2-150		8
2		CG1-30		5
3		CG1-30		12
4		YQ32-315T		1
5		WB-12K-40*2000		2
6		150X1840		3
7		Q11A-6X2500		3
8		WB67Y-300/5000		2
9		DK7780		2
10		GB4032		3
11		C630-IBMG*3000		12
12		X52K		4
13		Z3050×16/1		12
14		BX2025*60		1
15		BC6063		1
16		SL-3	——	3
17		DW6-60		1
18		BX1-315	——	14
19		HM-500	——	17
20		WSM-400	——	12
21		ZHZNHJ-500*3	——	1
22		JDZX-801	——	1
23		QH6925		1

24		3LW-11/7		6
25		——	——	1
26		2G-CE12*6*6M		1
27		2G-CE12*6*6M		1
28		20*6*4	——	1
29		24×7×4.2	——	1
30		AF-816		1
31		5*5*3	——	1
32		4*2*3	——	1
33		W-300/2		7
34		KPX-30-I		1
35		GQ40		1
36		EX-25500-30		2
37		YFL-10		2
38		HG1-30		3
39		RX-5-2		7
40		QD16/3.2-22.5A5		15
41		LD3-22.5A3		8
42		QD16/3.2-22.5 A5		12

3.1.3

1

2

1		DSSD2818-BR	0.5S		3
2		DSSD2818-BR	0.5S		3
3		DSSD2818-BR	0.5S		3
4		DSSD2818-BR	0.5S		3

3.2

1

6999

2024

2024

3-2

1		CO ₂		
		CO ₂		
		CO ₂		
2		CO ₂		/
3		CO ₂		/
4		CO ₂	/	
5		CO ₂	/	
1				

3.3

$E_{GHG} = E_{CO_2} + E_{CH_4} + (E_{CO_2} - R_{CO_2}) \times GWP_{CH_4} - R_{CH_4}$						
E_{GHG}						
CO_2e						
E_{CO_2}		CO_2			CO_2	
E_{CO_2}					CO_2	
CO_2						
E_{CH_4}				CH_4		
CH_4						
R_{CH_4}			CH_4			CH_4
GWP_{CH_4}	CH_4	CO_2		GWP		
IPCC		100		1	CH_4	21
CO_2		21				
E_{CO_2}				CO_2		
CO_2						
E_{CO_2}				CO_2		
CO_2						

3.3.1

$$E_{\text{燃料}} = \sum_{i=1}^n (AD_i \times EF_i)$$

E		tCO ₂
AD _i	i	GJ
EF _i	i	tCO ₂ /GJ
i		

$$AD_i = NCV_i \times FC_i$$

AD _i	i	GJ
NCV _i	i	
	GJ/t	GJ/ Nm ³
FC _i	i	
t		Nm ³
i		

$$EF_i = CC_i \times OF_i \times \frac{44}{12}$$

EF _i	i	tCO ₂ /GJ
-----------------	---	----------------------

CC_i

i

tC/GJ

OF_i

i

%

i

3.3.2

CO₂

CO₂

CO₂

$$E_{CO_2} = \sum_{i=1}^n (AD_i \times EF_i \times PUR_i)$$

E_{CO2}

CO₂

CO₂

i

AD_i

i

EF_i

i

CO₂

CO₂/

i

PUR_i

i

3.3.3

CH₄

CH₄

$$E_{CH_4} = \frac{TOW - S}{CH_4} \times EF_{CH_4} \times 10^{-3}$$

E_{CH_4}	CH_4	
TOW		
COD	COD	
S		COD
	COD	
EF_{CH_4}	CH_4	
$CH_4/$	COD	

3.3.4

$$E = AD \times EF$$

E	CO_2	tCO_2
AD	MWh	
EF	CO_2/MWh	

$$E = AD \times EF$$

E	CO_2	tCO_2
AD	GJ	
EF		
CO_2/GJ		

3.4

/

3-3

/

		/
CO ₂		
CO ₂		

3.4.1

3.4.1.1

1

3-4

3-5

	389.31
	GJ/ m ³

3-6

	2024	15.47
--	------	-------

	t
	2024
	/
	2024

4

3-7

	43.33
	GJ/t

5

3-8

	2024	41.30
	t	
	2024	
	/	
		2024

6

3-9

	44.8
	GJ/t

3.4.1.2

7

3-10

	2024	2623.932
	MWh	
	2024	
	2024	2672.424MW
	1.85%	

3.4.2

3.4.2.1

1

3-11

	tC/GJ	%
	0.01530	99

	2024
--	------

2

3-12

	tC/GJ	%
	0.0202	98
	2024	

3

3-13

	tC/GJ	%
	0.0189	98
	2024	

3.4.2.2

CO₂

1

3-14

	0.5366
	tCO ₂ /MWh

	2022
2024	33
2022	2024 33

3.4.3

2024

1

3-15

		t m3	GJ/t/	tC/GJ	%	tCO ₂
		A	B	C	D	E=A*B*C*D/100*44/12
2024		15.47	43.33	0.0202	98	48.66
		41.30	44.8	0.0189	98	125.66
		0.70520	389.31	0.0153	99	15.25
						189.57

2

3-16

			CO ₂
	MWh	tCO ₂ /MWh	tCO ₂
	A	B	C=A*B
2024	2623.932	0.5366	1408.00

3

3-17

tCO₂

	2024
(tCO ₂)	189.57
(tCO ₂)	1408.00
(tCO ₂)	0.00
(tCO ₂)	0.00
tCO ₂	1598

4

2024

2024

4-1 2024

	2024
(tCO ₂)	189.57
(tCO ₂)	1408.00
(tCO ₂)	0.00
(tCO ₂)	0.00
tCO ₂	1598

5

1

/		/	/	/

2

1

2

3

.1	
.2	
.3	
.4	
.5	
.6	2024