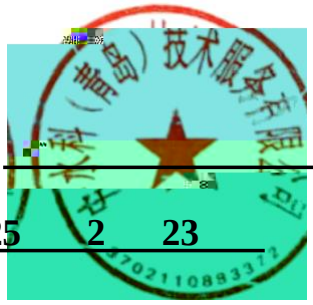
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			321
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		2024
tCO_2e		/
		1334
tCO_2		/
		1334
		/

2024

2024 1334tCO_2

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 6
2.3 7
2.4 7
3 8
3.1 8
3.1.1 8
3.1.2 8
3.1.3 9
3.2 9
3.3 10
3.3.1 11
3.3.2 CO_2 12
3.3.3 CH_4 13
3.3.4 . . . . . 3.

1

1.1

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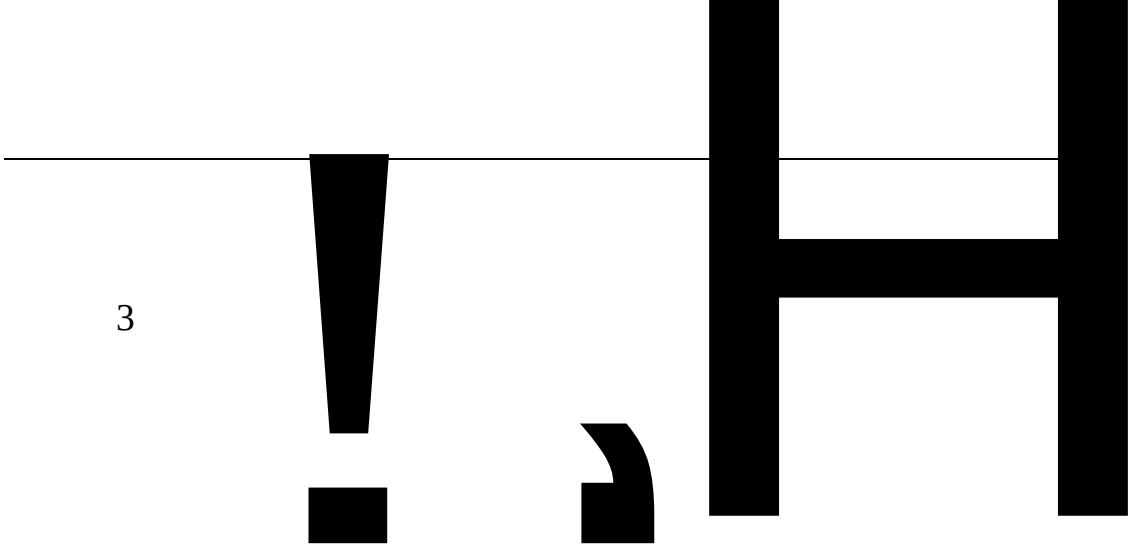
1.2

“ ”

1.3

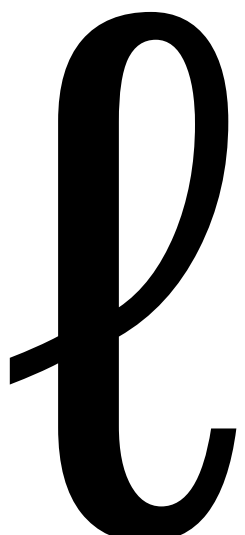
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2



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4

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2.3

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2.4

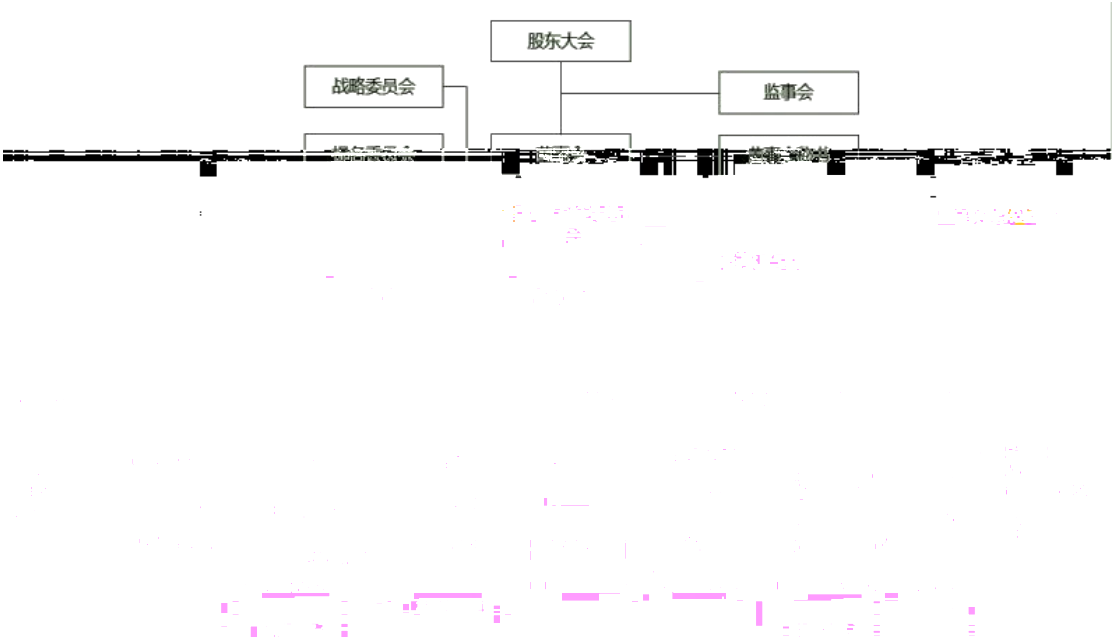
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3

3.1

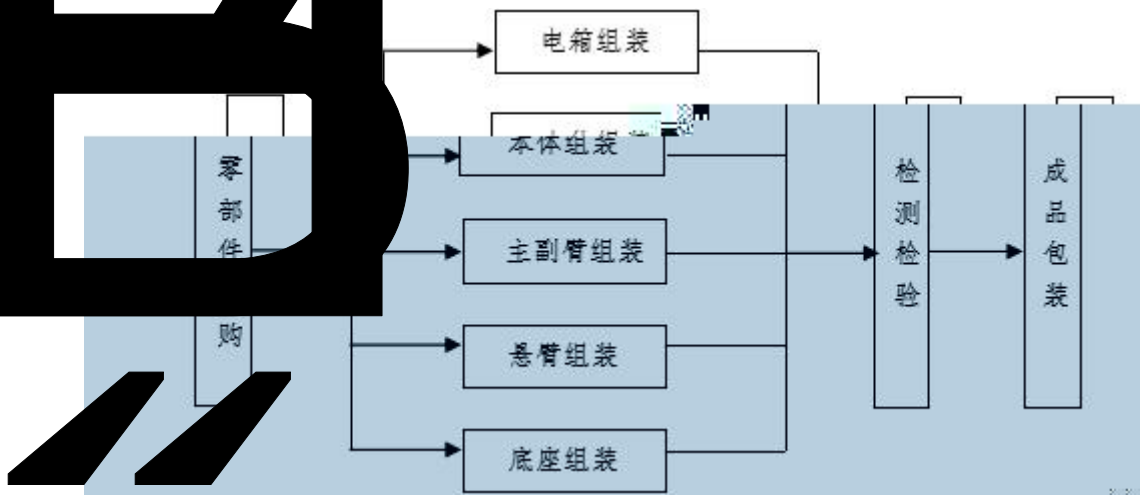
3.1.1

“ ”



1

3.1.2



2

3.1.3

1

2

3.2 **ŋ**

1		CO_2		
2		CO_2	/	/
3		CH_4	/	/
4		CO_2		
5		CO_2	/	/

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GWP_{CH4} CH_4 CO_2 GWP IPCC

100 1 CH_4 21 CO_2

21

E_{CO2} CO_2 CO_2

E_{CO2} CO_2 CO_2

3.3.1

$$E_{CO_2} = \sum^{n} (AD \times FF)$$

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 id M tCO_2/GJ

C I tC/GJ

$OF_{\text{£}}$ i" %

i

3.3.2 **CO_2**

CO_2

CO_2

$$E_{CO_2_\text{碳酸盐}} = \sum_i (AD_i \times EF_i \times PDR_i)$$

E_{CO2} CO_2 $_2$

i

™ k

3.3.3 CH

CH_4

$$-_{CH_4_}\times EF_{CH_4_}\times 10$$

E_{CH4} CH_4

TOW COD

COD

S COD

COD

EF CH4 CH_4/

COD

3.3.4

H

$$(-S)\times EF^{CH}\times$$

EF

CO_2/GJ

3.4

/

3-2 **/**

		/
CO_2		
CO_2		

3.4.1

3.4.1.1

1

3-3

	2024	0.86

	/
	2024

2

3-4

	42.652
	GJ/t

3.4.1.2

3

3-5

	2024	2481.616
	MWh	

	2024

3.4.2

3.4.2.1

1

3-6

	tC/GJ	%
	0.0202	99
	2024	

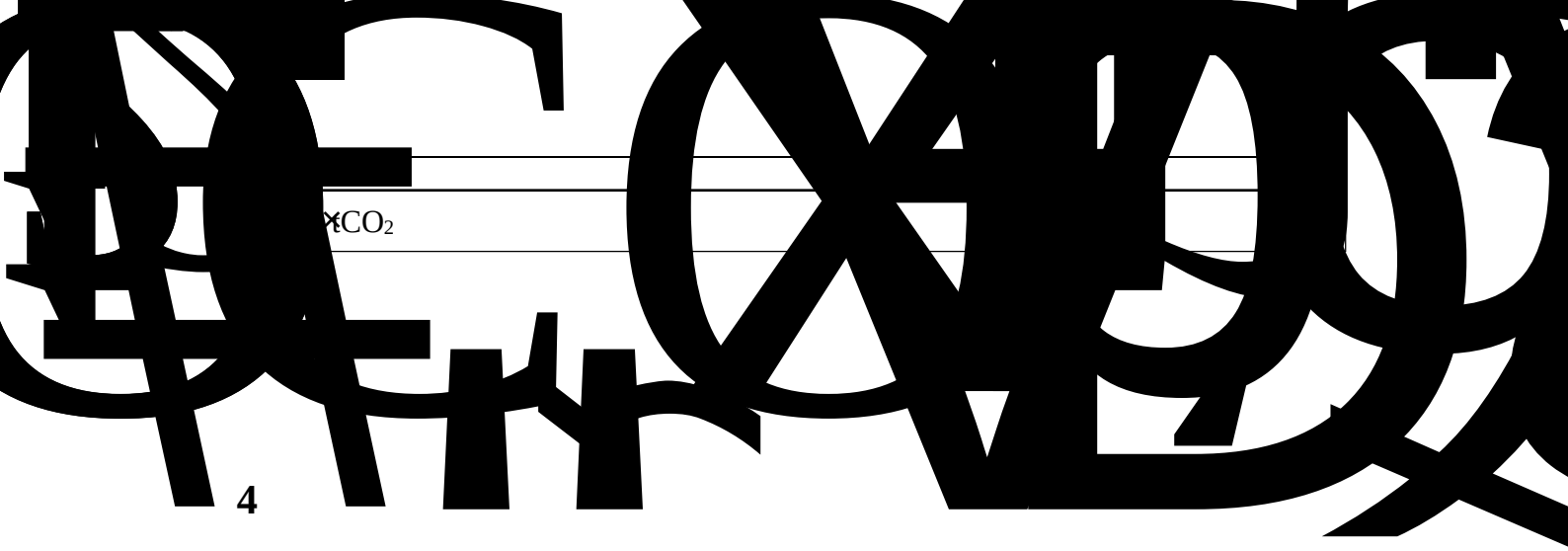
3.4.2.2 CO_2

1

3-7

	0.5366
	tCO_2/MWh

2022



4

2024 È

5

, **1** !