

报告编号: XIDOTHC-2021

							1298
		email		13949801234			xuji66866@126.com
<input checked="" type="checkbox"/> <input type="checkbox"/>							
<u>1298</u> email <u>13949801234</u>							
							382
		/	2022	6	25		
		/	2022	6	26		
			17173 tCO <sub>2</sub>				/
			17173 tCO <sub>2</sub>				/
							/
1.							
2021							
2.							
2.1							
2021							
			<b>HFCs</b>	<b>PFCs</b>	<b>SF6</b>	<b>CO<sub>2</sub></b>	<b>(tCO<sub>2</sub>)</b>
	<b>(tCO<sub>2</sub>)</b>	<b>(tCO<sub>2</sub>)</b>	<b>(tCO<sub>2</sub>)</b>	<b>(tCO<sub>2</sub>)</b>	<b>(tCO<sub>2</sub>)</b>	<b>tCO<sub>2</sub></b>	<b>(tCO<sub>2</sub>)</b>
2021	1525	63	/	/	/	15585	17173
3.							

	(tCO <sub>2</sub> )		tCO <sub>2</sub> /
	17173	931954	0.018

4.

		李靖	2022 6 26
			2022 6 27
			2022 6 28

1.	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	2
1.4	.....	2
2.	.....	3
2.1	.....	3
2.2	.....	3
2.3	.....	4
2.4	.....	4
3.	.....	5
3.1	.....	5
3.1.1	.....	5
3.1.2	.....	7
3.1.3	.....	8
3.1.4	.....	13
3.2	.....	14
3.2.1	.....	14
3.2.2	.....	14
3.3	.....	15
3.4	.....	15
3.4.1	.....	15
3.4.2	.....	18
3.4.3	.....	19
3.4.4	.....	21
3.5	.....	22
3.6	.....	22
4.	.....	22
5.	.....	23
1	.....	23
2	.....	23
	.....	24

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**1.**

**1.1**

[2016]57

“57

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2021 9

2020 9

9

GBT36132-2018

“ ” 2021

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**1.2**

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- 2021

2021

**1.3**

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17

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2016 57

-

2016 5 13

-

2021 9

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**1.4**

1

2

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3

2.

2.1

2-1

1			2021
2			
3			2021

2.2

2021

2022

6 20

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“ ”

**2.3**

2022 6 20

**2-2**

2022 20	6		
			-
			-
			-
			-
			-
			-
			-
			-
			-

**2.4**

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2022 6 26

1

**3.**

**3.1**

**3.1.1**

1993 3

1997 4 18

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EMS

“ ” “ ”

“ ” “ ” “ ”

20

1997

“A”

“ ”

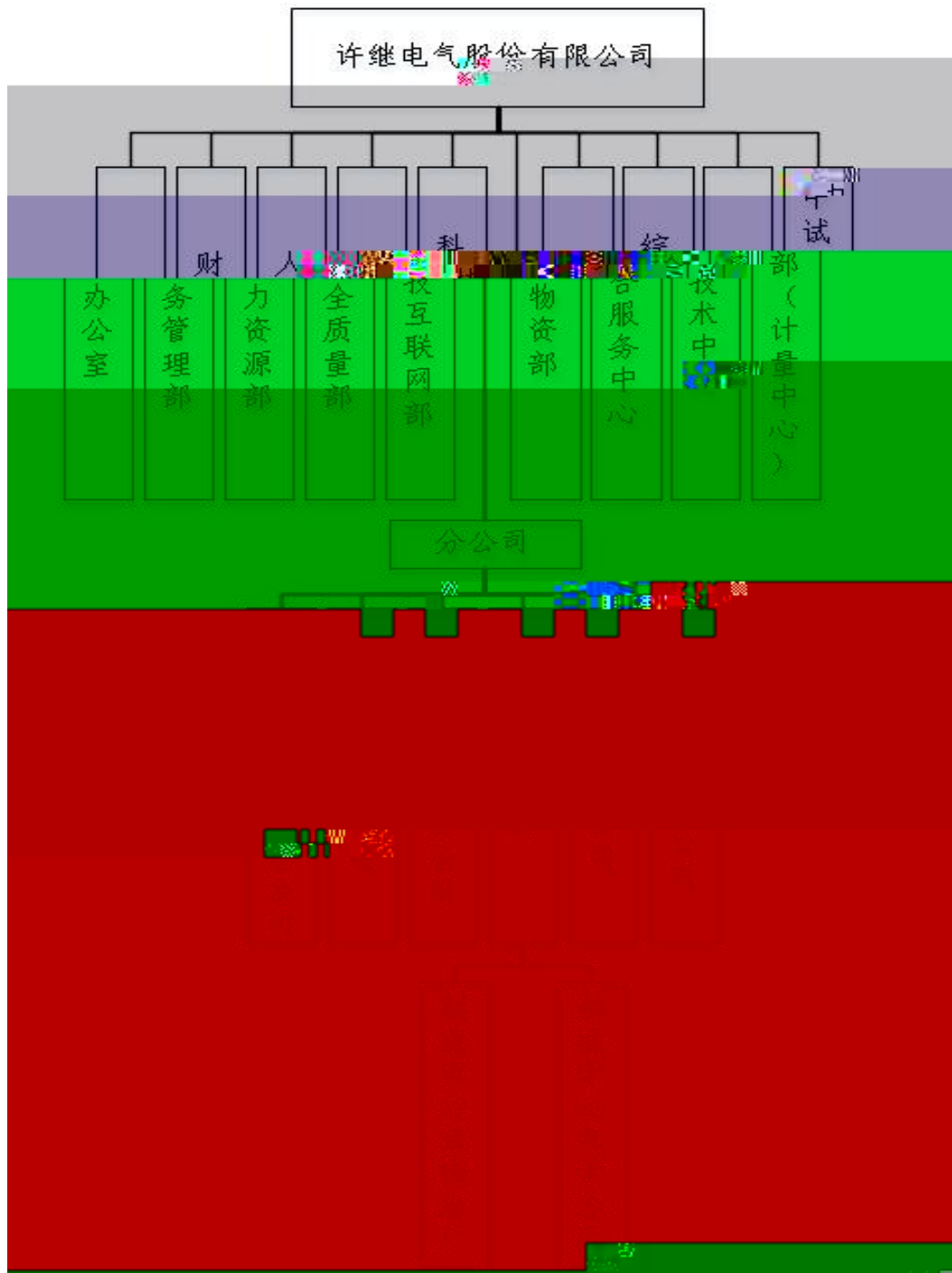
“

100

”

300

100



3-1

3.1.2



5			57	2	
6			24.75	1	
7		PR6C400*4100	22	2	
8		NK20HE810-M	21.2	4	
9		AE2510NT	19	5	
10		532040	22	1	
11	MIG	YD-350AG2	16.2	3	
12		TruPunch3000	18	1	
13		LCG3015A	21.93	1	
14		YD-350KR	16.2	8	
(					
			KW)		
1		OJCNC-BP-91X-125	15.7	1	
2		Holecut 40-9 Professional	19	1	
3		JONC-BB-S	7.2	1	
4		EB 30 prof. CNC SV 160	9	1	
5		H A	45	1	
6		MT-4	125	1	

7		MO-3	27	1	
8		DGF2010B-4	27	9	
9	X	HS-XY-350	9	1	
10		HS-XY-350	3.6	1	
11		WRS-8D-2	4.8	2	
(					
			KW)		
1		KHL-SDJ452	243	1	
2		TP/W632	150	1	
3		BLG250-8.5A	185	1	
4		ZS-4500/10-0.45	4500kVA	2	
5		SCB10-1000/10	1000kVA	1	
6	Ls	SKGKL-10-1.66-6000	380kVar	1	
7		XJFTS-HCH118012V1.0	66kV, 5.3mH	1	
8		ZS-1000/0.66-55	1000kVA	1	
9		SC-1000/10.5-22	1000kVA	1	
10		GKGL-30-2×1-2561.8	4120kvar	2	
11		LKGKL-15-100-50	157kvar	2	

12		LKGKL-15-50-10	7.85kvar	2	
13		0XJFTS-RXZ118004B	300kVA	2	
14		L1680A6mH-1PH 24kL)	1000Arms+680A(DC) 6mH	4	
(					
			KW)		
1		OTS-550	0.55	1	
2		—	11	1	

(					
			KW)		
1		SCB9	1250	1	
2		SCB9	1000	1	
3		SCB11	1600	1	
4		YK12K4H95CWG/RP22	319	2	
5		KQW200/315	55	9	

(					
			KW)		
1		SCB9	1250	2	
2		SCB9	1000	1	

3		WSC087MAU57F	393	2	
4		KQW150/400	45	4	
(					
			KW)		
1		SCB11	8000	1	
2		SCB8	1000	1	
3		SCB10	800	1	
4		SCB11	2000	1	
5		19XR70704V5LGH52	543	3	
6		LS25S-250AAXKT	180	2	
7		LS20-150AAC	110	2	
8		ZWSL2.8-I/N-Y.Q	2800	2	
9		ZWSL1.4-1/N-Y.Q	1400	1	
10		DFP250-315	75	4	
11		DFP300-290	75	4	
(					
			KW)		
1		SCB11	2000	2	
2		SCB11	1600	1	

3		SCB10	1250	2	
4		SCB11	630	1	
5		SCB11	5000	1	
6		VPEX160VSD-8A	160	1	
7		VPEX160-8A	160	1	
8		V110VSC-8	110	1	
9		YKE4EPQ65EWG/XD22	325	3	
10		ZWSL2.8-1/N-Y.Q	2800	3	
11		KQW350/455	90	8	
12		KQW200/315	45	4	

2021

### 3.1.4

2021

### 3-2 2021

	2021
	931954

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## 3.2

### 3.2.1

8

2021

2020

### 3.2.2

3-3

	/	
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	/	/
HFCs	/	/
PFCs	/	/
SF <sub>6</sub>	/	/

2021

2020

### 3.3

### 3.4

#### 3.4.1

##### 3.4.1.1

	2021

	2021		
	2021		
1	m <sup>3</sup>	105502	127806
2	m <sup>3</sup>	47353	47353
3	m <sup>3</sup>	70658	70658
4	m <sup>3</sup>	42130	42130
5	m <sup>3</sup>	33254	33254
6	m <sup>3</sup>	29612	29612
7	m <sup>3</sup>	40432	40432
8	m <sup>3</sup>	49090	49090
9	m <sup>3</sup>	39241	39241
10	m <sup>3</sup>	49301	49301
11	m <sup>3</sup>	67021	67021
12	m <sup>3</sup>	131698	131698
	m <sup>3</sup>	705292	705292
		2021	
	Nm <sup>3</sup>	70.5292	

### 3.4.1.2

	389.310 GJ/ Nm <sup>3</sup>
:	

### 3.4.1.3

	2021

	2021		
	2021		
1	kWh	2780192	2780192
2	kWh	2010142	2010142
3	kWh	1755720	1755720
4	kWh	2029280	2029280
5	kWh	1980133	1980133
6	kWh	2624680	2624680
7	kWh	2293390	2293390
8	kWh	3371363	3371363
9	kWh	3660931	3660931
10	kWh	1994410	1994410
11	kWh	2696440	2696440
12	kWh	2449971	2449971
	kWh	29646652	29646652
		2021	
MWh	29646.652		

**3.4.1.4**

	2021				
	2021				
	t	t	t	t	
2021	0	0	25	0.05	500

	t	t	t	t	
2021	0	0	25	0.05	500

### 3.4.1.5

	2021				
	2021				
	t	t	t		%
2021	0	0	62.775		99.5
	t	t	t	t	%
2021	0	0	62.775	62.775	99.5

### 3.4.2

#### 3.4.2.1

	tC/GJ
	0.01530
:	

#### 3.4.2.2

	%
	99
:	

### 3.4.2.3

	tCO <sub>2</sub> /MWh
	0.5257
	CO <sub>2</sub>
:	

### 3.4.3

#### 3.4.3.1

2021		Nm <sup>3</sup>	GJ/ Nm <sup>3</sup>	tC/GJ)	(%)		t CO <sub>2</sub>	t CO <sub>2</sub>
		A	B	C	D	E	F=A*B*C* D*E	

		70.5292	389.310	0.01530	99%	44/12	1524.97	1524.97
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### 3.4.3.2

SF<sub>6</sub>

SF<sub>6</sub>

		A t	B %	F g/mol	C=A×B 44/F tCO <sub>2</sub>
2021		62.78	99.5	43.7813	62.77

### 3.4.3.3

		A MWh	B tCO <sub>2</sub> /MWh	C=A×B tCO <sub>2</sub>
2021		29646.65	0.5257	15585.24

### 3.4.3.4

	2021
tCO <sub>2</sub>	1524.97
	62.77
HFCs	/
PFCs	/
SF <sub>6</sub>	0
tCO <sub>2</sub>	15585.24
tCO <sub>2</sub>	17172.99

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#### 3.4.4

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**3.5**

**3.6**

**4.**

- 2021

- 2021

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1	
2	
3	
4	
5	
6	
7	2021
8	2021
9	2021
10	