2019

2020 10 27

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تجي ل I ف ف k 0 Ƶ تجي Ï ف

ـ ف ف 10 Ь q تجي Ï ف I л E

E تجي Ï Ï Ж

k تجي E , , ف Ï , خ Ï ل خ Ж

تجي E ۪ , Ж

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جمد ɻ ¡ ɻ Ḧ Ï جمد

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Ɲ E Ɲ ˋ ⅓ Ϛ Ï Ï Ϛ

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∨ Ï Ɲ Ï تجي Ɲ ƨ Ϛ Ï تجي ‡

Ɲ ſ

E ˋ ‡ ¡ Ϛ Ï شح

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ε 100% Ï ɕ ᴗ ƙ φ θ ş Ï

ججّ ⊀ ڃ ˊI “ Ⅼ E

2 ᴗ ƙ

			%	%			%	%			%	%
	29	29	100	100	28	28	100	100	220	157	71	100
	8	8	100	100	7	7	100	100	72	60	83	100

Ѓ 3Є I

˝ Ϥ I ə ˥ 0 “ Ⅼ E

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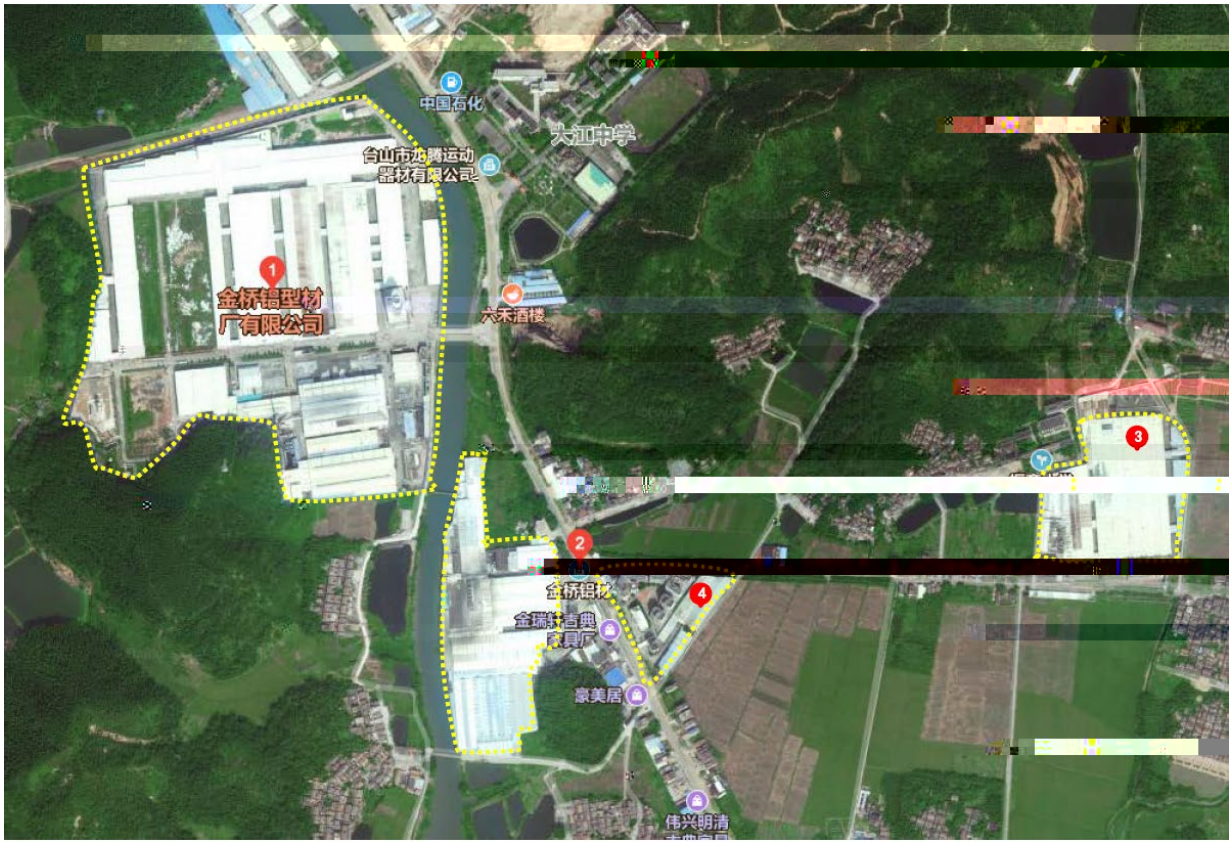
1	(10#)16.3		2004.02	67kW
2	(11#)16.3		2004.05	77kW
3	(12#)21		2004.08	67kW
4	(13#)13		2004.10	39kW
5	(16#)13		2005.09	39kW
6	(17#)15		2005.12	39kW
7	(18#)21		2006.03	112kW

8	(19#)16		2006.07	112kW
9	(7#)16.3		2003.07	77kW
10	12#		2002.12	19kW
11	13#		2004.01	37kW
12	14#		2006.07	33kW
13	15#		2004.01	37kW
14	16#		2003.06	19kW
15	20#		2006.01	37kW
16	24#		2003.06	19kW
17	27#		2004.08	39kW
18	29#		2004.12	39kW
19	WNS6-1.25-YQ		2014.04	24kW
20	(20#)16		2006.10	65kW
21	(32#)16.3		2018.11	95kW
22	(33#)13.5		2018.05	95kW
23	(6#)16		2003.07	75kW
24	1#		2003.05	14kW
25	17#		2003.05	14kW
26	2#		2003.05	14kW
27	22#		2000.08	14kW
28	31#		2006.08	20kW
29	38#		2015.06	33kW
30	5#		2003.07	14kW
31	6#		2003.07	14kW
32	8#		2003.10	19kW
33	9#		2003.07	19kW
34	WNS4-1.25-YQ		2014.04	23kW
35	18#		2003.10	12kW
36	25#		2003.06	16kW
37	26#		2003.10	14kW
38	21# 15		2006.10	34kW

06.10	34kW
14.12	84kW
19.09	
03.11	84kW
14.05	149kW
12.10	149kW
14.05	149kW
14.05	149kW
17.06	149kW
17.06	149kW
17.06	149kW
17.06	149kW
17.06	149kW
17.06	149kW
14.05	149kW
14.04	54kW
14.04	54kW
12.05	25kW

71	30T (H		2017.06	138kW
72	30T (R		2017.06	138kW
73	30T (S		2017.06	138kW
74	30T (Y		2017.06	138kW
75	35T (D		2014.04	77kW
76	3T		2000.09	15kW
77	4#25T		2015.04	149kW
78	6#25T		2012.05	149kW
79	6T		2000.11	30kW
80	7#25T		2012.05	149kW
			2012.10	149kW
82			2012.10	149kW 8H²



سي3 ب ƙ شح سي

2 ɻ

″ Ɋ ﻯ ﺝ ﺷﺢ ﺷﺢ ﺷﺢ Ł Ï ش ıı ŰŰ

ﻯ ﻱ φ ɾ ب ƙ ﻯ `Y ﻯ ɻ ɻ ɻ

ﻥ ɻ ɻ ɻ ≈ ʾQ Ɋ ş ˛ ɾ

ب ƙ ﺷﺢ ﷺ ﻍ ˛ ╥ Ґ Ï Ⱬﺷﺢﺷﺢﺷﺢ ɻ

Ł O˛ Ï ʜ Ï Ⱬ Ï ﺷﺢ ˛

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3 ɻ ŰŰ

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4 ᴗ ƙ φ ΰ

Ї تجي ۸ Ç ┼ φ Ї 2019

ҷ : I φ حش2019 φ ҷ 61303.78 ԛ Ї ٬I Ҳ

≈ ȣ ≈ ҷ 12540.66 ԛ CO_2 Ї ‰ ђ ә

ˉ ҷ 48763.12 ԛ CO_2 ſ

تجي ٨ شح2019 ‰ ٿ ٤ ˗ 7644.32 Ь ٧ Ї ˗

Л Ж‰ ٿ ٤ ≈

15421.22 ٹ Ї ‰ ٿ ٤ ≈ 946.42 ٹ Ї ≈ ٥ ≈

Л Ч Г

تجي ٨ ٤ ≈ Ғ ٥ Ї ٬I Ҳ

≈ ٥ ≈ ҷ Ї ˗ ҷ Г

تجي ٨ ‰ ٿ ˗ CO_2 Ґ E

5 ب ₭ ‰ ٿ ˗ CO_2

						CO_2 (t)
2019						
	7644.32	kWh		0.6379	tCO_2/MWh	48763.12
						48763.12

6 ʊ ƙ ą CO_2

								CO_2 (t)
2019								
	15421.22	t		44.2	GJ/t	17.2×10^{-3}	tC/GJ	11723.82
	946.42	t		50.179	GJ/t	17.2×10^{-3}	tC/GJ	816.84
								12540.66

Ș7 ≈ Գ ЛJ 2013 10 11 حشXٍس Ș7 ≈ Ӈ 0

∫ 2010 Xٍس ٧ ΰ̋ ѫ ε ≈ ѭ ∫ Xٍ 3 Xٍ

ʀ ѫCO2 ѭ ∫

2 E ≈ ѳ ≈ س 0 2011 5 0

∫ φ ٦ ┼ ٧ Ґ Є ∫ ‘ , 1.7

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يجي ⅄ ⅂ ㄱ † ⊁ Ї †

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Ї ′I φ E

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1 : I φ ε ≈

2 : I φ , ĩ ˙

3 : I φ ƺ ĩ ˙

4 ↄ ƙ ˙

1 : I φ 2109 φ tCO_2

		t
		11723.82
		816.84
		48763.12
		61303.78

2 : I φ , ĩ ‘

		t	GJ/t
		15421.22	44.2
		946.42	50.179
		7644.32	kWh

3 : I φ ż ĩ ‘

		tC/GJ	%
		17.2×10^{-3}	98%
		17.2×10^{-3}	98%
		0.6379	tCO_2/MWh

4 ᴗ ƙ

ED00001		DS862-4	2	18# 27#
ED00002		DS862-4	2	18# 27#
ED00003		SPM93	0.5	18# (12#)21
ED00004		SPM93	0.5	32# (10#)21
ED00005		SPM93	0.5	33# (11#)16.3
ED00006		DT862a	2	34#) 20#
ED00007		SPM93	0.5	34# (19#)16
ED00008		DT-862-4	2	42# 24#1100ust
ED00009		DD282	2	42# 24#
ED00010		DT-862a	2	42# 24#
ED00011		DT-862	2	42# (13#)13
ED00012		DT-862a	2	43# 12#1800ust
ED00013		T862-2	2	43# (16#)13
ED00014		DT-862a	2	44# 16#
ED00015		DT-862a	2	44# 16#
ED00016		DT-862-4	2	45# 13#2500ust ( )
ED00017		T862-4	2	45# (7#)16.3
ED00018		SPM93	0.5	47# 29#2800ust ( )
ED00019		DT-862-4	2	47# 29#
ED00020		DS862-4	2	47# 29#
ED00021		DS862-4	2	47# 29#
ED00022		T862-4	2	47# (18#)21

ED00023		DT862-4	2	15# 32#2800T
ED00024		DT862-4	2	15# 32#2800T
ED00025		DT862-4	2	15# 33#2800T
ED00026		DT862-4	2	15# 33#2800T
ED00027		DSB862-4	2	15# JY33008 JY33015
ED00028		SPM93	0.5	15# JY34001 JY34008
ED00029		DT862-4	2	15# 34#1000T
ED00030		SPM93	0.5	15# JY35001 JY35008
ED00031		DT-862a	2	15# 35#1000T
ED00032		DT862-4	2	15# 21# 15
ED00034		DT-862a	2	15# BNP-50
ED00035		DT-862a	2	16#
ED00036		DT-862a	2	16#
ED00037		DT-862a	2	17# 19#880ust
ED00038		DT8	2	17# 18#880ust)
ED00039		DT862-4	2	17# 18#
ED00040		DT-862a	2	18#

ED00048		DT862a	2	22# 25# ( )
ED00049		DT862	2	23# 22# 15
ED00050		DT862-4	2	23#
ED00051		DT862-4	2	16#
ED00052		DT862	2	15# 16.3
ED00053		DTS418		A1 1#
ED00054		DT862a	2	A1 5#880ust
ED00055		DTS418		A1 6#
ED00056		DT862	2	A1 (32#)16.3
ED00057		DT862-4	2	A2 2#550ust
ED00058		DT862-4	2	A2 22#550ust
ED00059		DT862a	2	A2 38#1800T
ED00060		DT862a	2	A2 38#
ED00061		DT8	2	A3 (6#)16

ED00062

ED00072		DT862a	2	12# (31#)21
ED00073		DT862a	2	12# 20T
ED00074		DT862a	2	12# LD75AD/VSD/08
ED00075		DT862a	2	12# LD75AD/VSD/08
ED00076		DT862a	2	13# 39#2500ust (25MN)
ED00077		DT862a	2	13# 39#2500ust
ED00078		DT862a	2	13# 40#2800ust (28MN)
ED00079		DT862a	2	13# 40# CGL19-228)
ED00080		DT862a	2	13# 40# (FJM907575-3)
ED00081		DT862a	2	13# 40#
ED00082		DT862a	2	13# 40#Φ228 CGL-228BP)
ED00083		DT862a	2	13# (29#)21
ED00084		DT862a	2	13# (30#)21
ED00085		DT862a	2	13# 3T 10T
ED00086		DT862a	2	14# 36# CGL19-228)
ED00087		DT862a	2	14# 36#2800ust
ED00088		DT862a	2	14# 36# 225kg 36#Φ228
ED00089		DT862a	2	14# 36#
ED00090		DT862a	2	14# 37# Φ228
ED00091		DT862a	2	37# (FJM907575-3)
ED00092		DT862a	2	14# (27#)16
ED00093		DT862a	2	14# (28#)16

ED00117		DT862a	2	56# 57# HJ03011 HJ03020 HJ02021 HJ02022 HJ02018 HJ02017 HJ02019 HJ02020 HJ03002 HJ03003
ED00118		DT862a	2	57# JBDZ.20ZA
ED00119		DT862a	2	58# HJ21040 HJ21041 HJ21042 HJ21043 HJ21020 HJ21021 HJ21022 HJ21023 HJ21024 HJ21025 HJ21026 HJ21027 HJ16060 HJ16061 HJ16062 HJ16063 HJ16004
ED00120		DT862a	2	58# HJ21029 HJ21030 HJ21031 HJ21038 HJ03005 HJ03012 HJ05108
ED00121		DT862a	2	58# HJ05103 HJ05104
ED00122		DT862a	2	59# D
ED00123		DT862a	2	59# 8#25T
ED00124		DT862a	2	59# 9#25T
ED00125		DT862a	2	59# 10#25T
ED00126		DT862a	2	59# 11# 12#25T E
ED00127		DT862a	2	59# C 3# 4#
ED00128		DT862a	2	60# 3T 6T
ED00129		DT862a	2	60#
ED00130		DT862a	2	
ED00131		DT862a	2	61#
ED00132		DT862a	2	61# 3# 4# (5T MH
ED00133		DT862a	2	61# Φ226 Φ406
ED00134		DT862a	2	62# 10T
ED00135		DT862a	2	64#
ED00136		DT862a	2	65# 25T (J K M

ED00137		DT862a	2	65# 25T (N P V
ED00138		DT862a	2	65# 1#BA55AD/08 2# 3# 4#ANP75AD/08
ED00139		DT862-4	2	68# 3#HZY-6b 3#LHT-13b 3#
ED00140		DT862a	2	71# 30T (H
ED00141		DT862a	2	71# 30T (R
ED00142		DT862a	2	71# 30T (S
ED00143		DT862a	2	71# 30T (Y
ED00144		DT862a	2	9# 4# 5# 6# 7#40T
ED00145		DT862a	2	71# 30T (5#
ED00146		DT862a	2	71# PTF-2801 TS- 2B2R
ED00147		DT862a	2	71# ORZ 250 (
ED00148		DT862a	2	71# PTF-2801 TS-2B2R
ED00149		DT862a	2	71#
ED00150		DT862a	2	71#
ED00151		DT862a	2	71# PTF-2801
ED00152		DT862a	2	71# 5T 5T
ED00153		DT862a	2	71#
ED00154		DT862a	2	9# 5# 6#30T
ED00155		DT862a	2	9# (F)25T
ED00156		DT862a	2	9# (G)25T

ED00181		DTS541	2	

ED00182

ED00205		DD862a	2	5#
ED00206		DTY177C VI	1	
ED00207		DT862	2	D5 C6 C7
ED00208		DT862	2	D5
ED00209		SPM93	2	
ED00210		SPM93	2	2# 4#
ED00211		SPM93	2	6# 1# 3# 8# 9# 10#
ED00212		DT862	2	(6180t)
ED00213		DT-862a	2	
ED00214		DT862	2	A2 (33#)13.5
EL00001		LLQ-80-485-B	1.5	18# 27#
EL00002		LLQ-80-485-B	1.5	18# (12#)21
EL00003		LLQ-80-485-B	1.5	32# 14#
EL00004		LLQ-80-485-B	1.5	32# (10#)16.3
EL00005		LLQ-80-485-B	1.5	33# 15#
EL00006		LLQ-80-485-B	1.5	33# (11#)16.3
EL00007		LLQ-80-485-B	1.5	34# 20#
EL00008		G16	1	42# 24#
EL00009		G16	1	43# 12#
EL00010		G16	1	44# 16#
EL00011		LY-50/65	1.5	47# 29#
EL00012		G16	1	15# 21# 15
EL00013		JLQEx	1	
EL00014		G16	1	A1 1#

EL00015		G16	1	A1 5#
EL00016		JLQEX-80/400	1	A1 (32#)16.3
EL00017		G16	1	A2 2#
EL00018		G16	1	A2 17#
EL00019		LY-50/40	1	A2 38#
EL00020		JLQEX-80/400	1	A2 (33#)13.5
EL00021		TBQ50B	1	A4 31#1250T
EL00022		G25	1	A4 31#
EL00023		TBQ50B	1	A3 8# 9# 31# 20#
EL00024		TBQ50B	1	A3 2# 17#
EL00025		TBQ50B	1	A2 38# 5# 22#
EL00026		LWQ-50/485	1.5	A1 1# 6#
EL00027		LY-50/65	1.5	14# 36# CGL19-228)
EL00028		LY-50/65	1.5	7# 6180ust 30#
EL00029		LUXB-Z-65mm	1.5	57# 4#25T
EL00030		LUXB-Z-65mm	1.5	57# 1#25T
EL00031		LUXB-Z-65mm	1.5	57# 2#25T
EL00032		LUXB-Z-65mm	1.5	57# 3#25T
EL00033		XKWJ-Z1-10012	1.5	57# 25T (A
EL00034		XKWJ-Z1-10012	1.5	57# 25T (B
EL00035		XKWJ-Z1-10012	1.5	57# 25T (C
EL00036		XKLV-Y1-10101221	1	57# 35T (D
EL00037		XKWJ-Z1-10012	1	

EL00038		XKLV-Y1-10101221	1	57# 20T (F
EL00039		XKWJ-Z1-10012	1	57# 20T (G
EL00040		LUXB-65mm	1.5	59# 6#25T
EL00041		LUXB-Z-65mm	1.5	59# 7#25T
EL00042		XKLV-Y1-10101221	1	59# 9#25T
EL00043		LUXB-65mm	1	59# 10#25T
EL00044		LUXB-Z-65mm	1.5	59# 11#25T

EL00061		LWQ-150C-485-B-DZ	1.5	
EL00062		LWQ-150C-485-B-DZ	1.5	
EL00063		LWQ-150C-485-B-DZ	1.5	
EL00064		LWQ-150C-485-B-DZ	1.5	
EL00065		TBQ-200B	1	
EL00066		TBQ-200B	1	
EL00067		TBQ-200B	1	