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2021	
2020	
2020	
2018	
2012	

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2022	
2021	
2020	
2019	
2015	

2022

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2013

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2022 7 6

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2022 4 18

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2022 4 22

2022 5 20

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2021

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2021

11.77 /

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$$P_1 = P_0 \cdot D$$

$$P_1 = P_0 / (1 + N)$$

$$P_1 = (P_0 - D) / (1 + N)$$

 P_0
 D
 N
 P_1

2022 5

2021

2022 6 20

0.05 /

11.72 / r

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RU.

FCC

FCC		2022	1-6		81.09%	40.20%
			3	/	FCC	
4	/	FCC				
		2.85	/	5.85	/	FCC
	2	/	4	/		105.26% 100%

2

3

4

	2019	2020	2021	2022	1-6
					53.43%
54.55%	57.10%	52.40%			

5

2019	2020	2021	2022	1-6	
		26,073.30	24,078.40		21,440.36
7,294.44					77.65% 75.55%
77.12%	51.29%				

c

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2019

	2022 1-6	2021	2020	2019
FCC	5,529.48	14,499.30	17,683.20	17,689.35
	1,057.86	3,707.86	1,988.40	1,279.20
	1,199.70	548.56	576.79	1,139.60
	11,546.60	21,149.24	22,657.34	18,986.49

FCC

FCC

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	2022 1-6	2021	2020	2019
FCC	12,212.96	12,564.32	12,664.00	13,683.06
	7,264.75	7,510.47	9,246.37	8,697.71
	26,438.66	21,481.47	23,334.38	21,664.55
	1,000.17	1,420.26	1,692.11	2,045.95

FCC

2022 3

2022

3 14 2022 4 12

2022

4

2022 1-6

2021

	2022	1-6	2021		2020		2019	
		%		%		%		%
	5,468.97	47.49	10,029.02	49.98	11,593.47	51.03	10,677.53	50.45
	662.42	5.75	1,231.08	6.13	1,445.89	6.36	1,801.90	8.51
	2,357.48	20.47	4,383.44	21.84	4,973.43	21.89	5,130.97	24.25
	1,156.18	10.04	1,512.68	7.54	1,877.39	8.26	696.29	3.29
	1,869.91	16.24	2,910.63	14.50	2,829.92	12.46	2,856.20	13.50
	11,514.96	100.00	20,066.86	100.00	22,720.10	100.00	21,162.90	100.00

74.70% 72.92% 71.82% 67.96%

2022 1-6

		2021	2022 1-6	
	/m ³	7.03	6.40	-8.96%
	/KWH	0.60	0.69	15.00%
	/t	210.92	318.75	51.12%
	/m ³	3.19	4.03	26.33%
	/	1,178.40	1,407.30	19.42%
	/	1,822.83	2,148.98	17.89%
	/	1,304.70	2,041.38	56.46%
	/	799.08	994.93	24.51%
	/	5,467.47	6,031.04	10.31%
	/	1,928.94	1,854.28	-3.87%

2022

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2022

FCC

2022 7-8

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5,740.83 3,911.39

-12,529.88 -7,486.09 2021

5

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2010 11 15

2019 11 28

GR201937100531

15%

2020 12 02

GR202036001757

15%

[2016]41

“ 6,000 / FCC

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“

”

2015-2017

2018-2020

[2017]34

“ 20,000 / FCC

”

“

”

2016-2018

2019-2021

FCC

13%

450.00

3,344.44

57.77%

2

30%

50%

11,705.12

35,160.00

2,500

11,705.12

20,954.88

2.20

3

11,720.00

30%

50%

2022 9 30

=

*

30%*

50%= 7,661.12

7,661.12

30%

2022 9 30

	3,788.88
	1,894.44
	50.00%
170%	6.87
150%	6.07
=	x x = x x

450.00

2,344.44

61.88%

30%

7,661.12

		1	2	3	4
	0%	5%	10%	15%	20%
/	13.48	12.81	12.13	11.46	10.78
/	196.08%	186.27%	176.47%	166.67%	156.86%
	51,074.10	48,520.40	45,966.69	43,412.99	40,859.28
	-	99.71	210.49	334.31	473.61
	1,894.44	1,994.15	2,104.93	2,228.75	2,368.05
	50.00%	52.63%	55.56%	58.82%	62.50%

30%

20%

10.78 /

40,859.28

62.50%

450.00

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3

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[2011]19

1

FCC

3

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8

70%

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[2012]4

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2020

2020

2021

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2019

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2022

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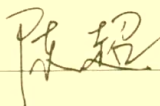
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法定代表人:

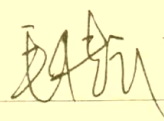


侯 巍

保荐代表人:



陈 超



毛传武

中德证券有限责任公司

2022年10月12日