



“ ” “ ”

“ ” “ ”

“ ”

“ ”

2022 4 20

“ ”

www.sse.com.cn

“ ”

110086

200,000 2,000

200,000 2,000

2022 5 23

2022 4 22 2028 4 21

2022 10 28 2028 4 21

“

”

AA

“

”

AA

					2021	4153		
2022	4	22		2,000			100	
			20.00					
							A	
					1,229,442,000		1,229,442	
			61.47%	A			A	
			20.00					
				[2022]141	200,000			
2022	5	23				“	”	
			110086					
					2022	4	20	

	- - - -
	- - - -

96.99%

1999 6 23

[1999] 1276-2

1999 6 28

3400001300121

2002 2 7

[2002]22

2002

5 22

4,000

2002 6 5

2002 5 28

[2002] 230

11,000

11,000

2022 3 31

	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-

2022 3 31

	EPC		GBS
PSC			
2020		8,138	100
4			

1

500

+

2

1984 1
002135

3

1982

4

1985

600477

TD

CCA

5

2002

2011

002541

6

002743

—

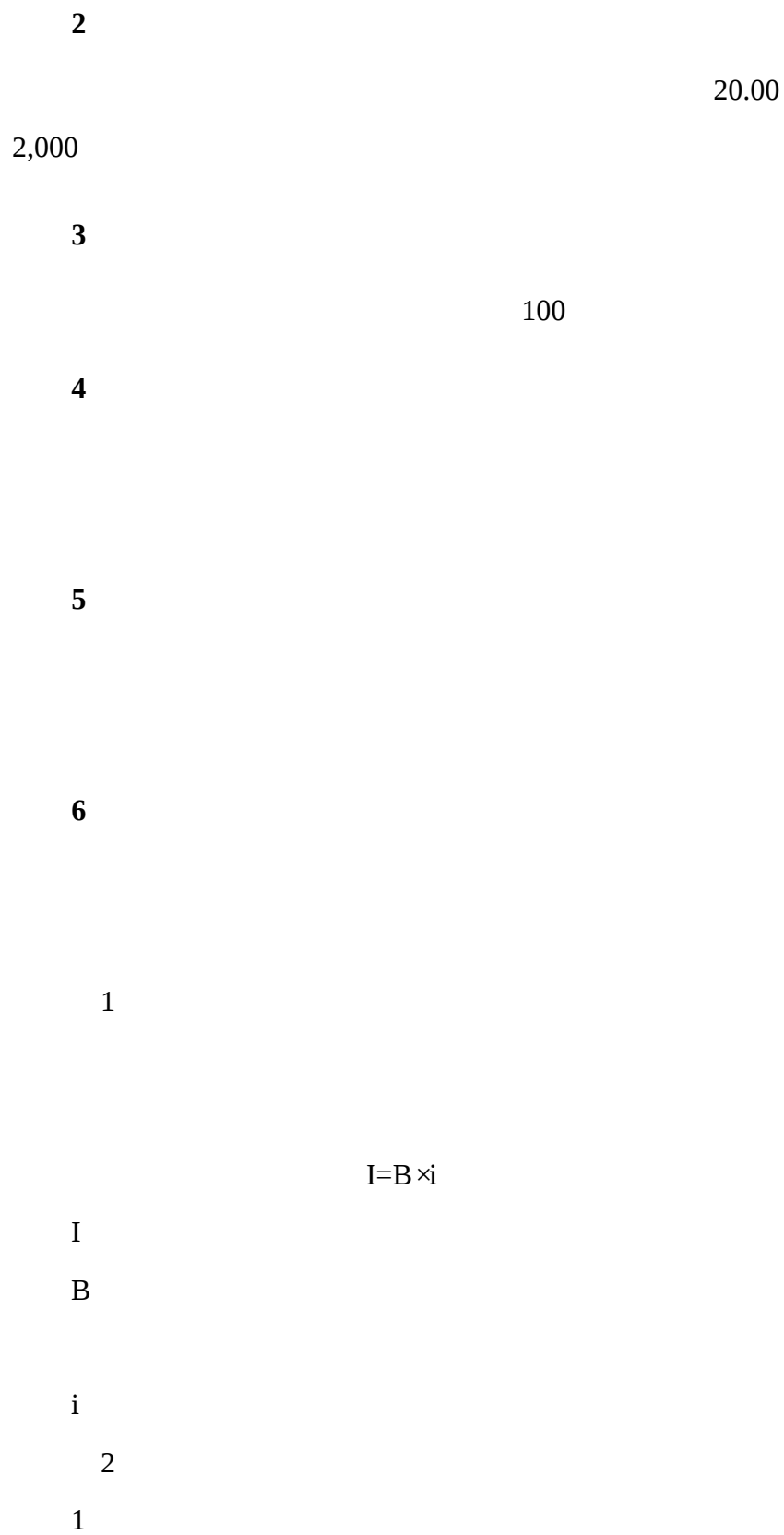
[illegible]

	1,132.07
	40.00
	38.68
	42.45
	39.62
	14.55
	1,307.38

A	1,229,442	1,229,442,000	
61.47%		748,424	748,424,000
	37.42%		22,134
22,134,000		1.11%	

2022 3761

1		92,895.45	82,000.00
2		75,490.00	60,000.00
3		58,000.00	58,000.00
		226,385.45	200,000.00



2

3

4

5

7

8

1

5.00 /

=

/

=

/

2

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

$$P_1= (P_0+A \times k) / (1+k)$$

$$P_1= (P_0+A \times k) / (1+n+k)$$

$$P_1=P_0-D$$

$$P_1= (P_0-D+A \times k) / (1+n+k)$$

$$\frac{P_0}{A} \times \frac{n}{D} \times \frac{k}{P_1}$$

/

/

9

1

80%

2

10

$$Q=V/P$$

Q

V

P

11

12

1

112%

2

1

130% 130%

2

3,000

$$I_A=B \times i \times t/365$$

I_A

B

i

t

13

1

70%

2

$$I_A=B \times i \times t/365$$

I_A

B

i

t

14

	1		A		2022
4	21	T-1		A	
	2				

3

15

0.993 1,000.00 /

1

16

1

2

3

4

5

6

7

1

2

3 10%

4

17

200,000.00 200,000.00

1		92,895.45	82,000.00

2		75,490.00	60,000.00
3		58,000.00	58,000.00
		226,385.45	200,000.00

18

19

20

21

AA

“ ”

AA

2018

AA

“ ”

AA

2019	2021		

$$\begin{matrix} & = & & + & / \\ = & - & - & & / \end{matrix}$$

2019202161.62%56.72%

58.84%

201920211.291.421.34

0.640.750.62

2019 12 31 2020 12 31 2021 12 31
2019 2020 2021

2020 0099 2021 03695 2022 3723

-			

	-		
	-	-	-
			-
	-	-	
	-		-

2019 2021

	-	-	
	-	-	-

2019 2021

	- -	- -	- -
	-		
	-		-

5.00 /

A

200,000

40,000

1
2
3
4
5
6
7
8
9
10
11
12

1

2

3

4

618

010-83939777

010-66162609