54 0 0 -0.171 0 -0.312 -0.06 -0.423 -0.183 -0.532 -

(") ("
" (, ") 30 2019,
2018. ,
' ' , &

30 2019

		0	2018
		'000	*'000*
	3	, ,	1,813,778
		(, ,)	(1,630,694)
		,	183,084
, ,	*4*	, 0	15,068
		(, ,)	(41,588)
A ,		(,)	(197,408)
		(0,)	(40,844)
		(0)	(452)
, , ,		(, 0)	
		( )	
		(,)	(64,380)
	5	(, ,)	(105,676)
( )/	*6*	(,)	1,860
		(,)	(103,816)
		(, 0)	(107,280)
- ,		,0	3,464
		(,)	(103,816)
( )	*7*	(.)	(3.34)

30 *2019*

	0 31
	0 2018
	'000 *'000*

8

	2018
	'000
	( )
	342,996
	(3,025)
	339,971
	(159,977)
	(255,812)
	(75,818)
	680
	191,185
	116,047

30 2019

16

16,

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1 2019. 36 16 1 2019:

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	'000	*'000*	*'000*	*'000*
0	1,245	143,154	144,399	2,410
A /( )				
	(498)	(2,123)	(2,621)	
				64
				(575)
0 **0**	747	141,031	141,778	1,899

( ) **A** **A** 28 9
- , 9, **A** 28, 9,
. **A** 28 ,
- , .
1 2019 - .
9. **A** , ’ .

( ) ( )- 23 ( )
“ **A** 12 ( ).
A 12, .
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30 2018

	A				
	'000	*'000*	*'000*	*'000*	*'000*
	( )	( )	( )	( )	( )
	393,449	1,360,733	47,789	11,807	1,813,778
-	976,384	1,119,918	280,934	610	2,377,846
	1,369,833	2,480,651	328,723	12,417	4,191,624
( )/	(79,291)	10,869	(16,262)	(19,132)	(103,816)

A 31 2018

	A				
	'000	*'000*	*'000*	*'000*	*'000*
	( )	( )	( )	( )	( )
	3,159,913	544,437	672,223	189,428	4,566,001
	2,649,294	636,327	373,507	98,882	3,758,010

0

	0	2018	0	2018	0	2018	0	2018	0	2018
	'000	*'000*	*'000*	*'000*	*'000*	*'000*	*'000*	*'000*	*'000*	*'000*
		432	,	1,393		191		9	,0 0	2,025
	(,0)	(35,708)	(, 0)	(18,083)	(, 0)	(7,738)	(,)	(2,851)	(,)	(64,380)
	(,)	(68,738)	(0,)	(20,261)	(,)	(17,822)	( )	(151)	(,)	(106,972)
			(, 0)						(, 0)	
	,0	(12,793)	(,)	(4,997)	,	153	(,)	6,558	(,)	(11,079)
(-)/										
	(,)	(30,736)	,0	(7,286)		1,571	( )	(10)	(,)	(36,461)
	,	72,547	,	62,344		4,786		5	,	139,682
				5,591						5,591

( ) 30 2019,
10%

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2018	
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'000	
( )	( )

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A	11,977
, 00	307,747
	5

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2018	
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'000	
( )	( )
, ,	1,353,740

		2018
		'000
		10,907
		2,025
		12,932
		(111)
		(144)
		2,527
		(136)
		2,136

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		2018
		'000
		89,506
		2,038
		104,934
		110,019
		(15,737)
		11,079
		144
		1,260,808
		369,886

* 161,379,000

149,854,000 30 2019 2018,

/( )

	2018
	'000
( )	( )
	1,881
	998
	2,879
	(4,739)
/( )	(1,860)

16.5% ' 30 2019 2018.

15% 30 2019 2018.

35% 30 2019 2018.

25% :

., . (") " 2012 , 15%. " 2018 2018 2020. A , 15% 30 2019 2018.

(., . (") " 2016 , 15%.

A 31 2014, 70,369,000.

30 2019, 30 2019.

0.

( )

	A 31 2018	0 30 2019
	'000	*'000*
	(A)	( )
	1,387,746	0,
	213,893	,0
:	(117,916)	(,)
	1,483,723	, ,

( )

A 30 2019, 174,259,000 (31 2018: 141,283,000), 305,616,000 (31 2018: 243,284,000) 749,466,000 (31 2018: 661,518,000), 11,817,000 (31 2018: 46,984,000).

4.186 (3.85)
30 2019 ( ). A 2019, “
A 13 - (《“十三五 第二批光伏扶貧
項目計劃》) , 3,961 - ,
, 1.67
, . A
,
’
, , ’ .
, ’
155,000 (8.4% - -), 63 (26% - -
), 51 (30.8% - -),
47 (11.9% - -).
, , 7.8
2019,
3.5 (39% - -). ’
8.5 A 2019
2020, 1 ,
23% (2018 2019). A 2019, ’
25% 20%. ,
’
. 175
2022, 100 .
A A (A)’ .
, 2.7
2019, 51%
. 2019, .
25% 10.6 2018,
13 ’ .
. 2019. A
( ) , ,
, 16.4
2021. A (A) ,
( ) ’ .
2030,
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2019 11 , A ’
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4 2019.
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4.3 2019.

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1.8 .
400 2.2 .
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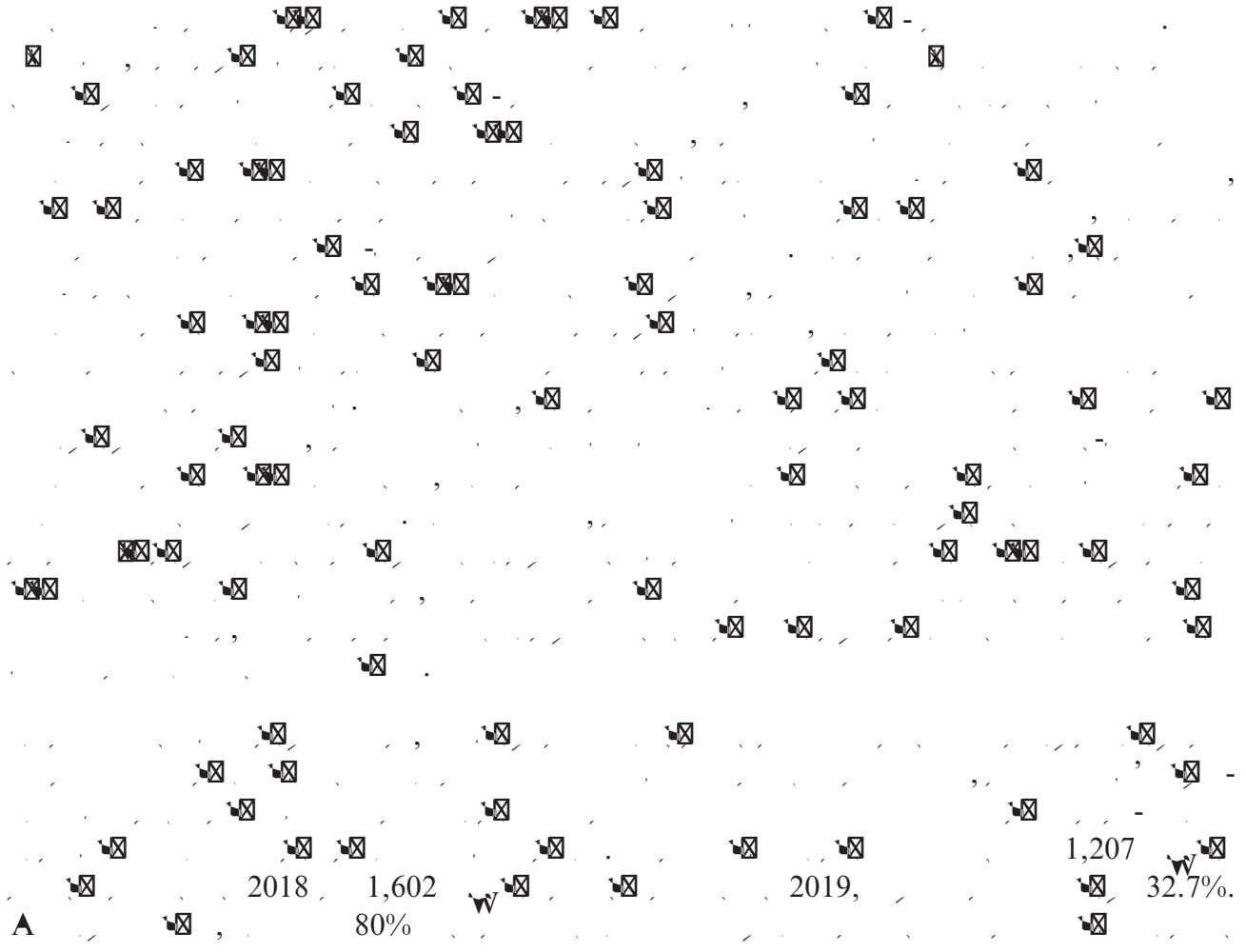

、 、 2019, 、 、 、 、 90.587 、 、 、 、 、
2019, 、 、 、 、 40.844 、 、 、 、 、
2018.

214.1 ₩, 206.4 ₩ 2018. 618.5 ₩ (323.3 ₩ 2018). (愛旭太陽能集團), (通威太陽能集團) (中國國家電力投資集團公司) (“ ”).

600 ₩ 50%, A .

400 ₩ (2018: 400 ₩). (鈣鈦礦)

2019, 800.6 ₩, 24%
643.3 ₩ 2018. A
1,360.73
1,435.48 2019. A
2019
(中國國家電力投資集團公司) (" "), (信义光能集
團), (北京控股集團有限公司) (" "),
A A ., ., .
( )0.5( )0.5( )0.50
- ( )0.5 - - ( )0.5
( )065( )0.5( )0.50 -
- ( )0.5 - , - ,
- ( )0.5 ( ),
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A

80:20

A -

0.5( )0.5( )10.5.5( )0.5( )0 .5( )0

A

1,847.235

1,813.778

2018.

32.7%

30 2019, 1,630.694
1,755.969 ,
8%, .

91.266
4.9% 2019, 183.084
10.1% 2018. :

(1) A ’ ,
, - -
2019 , ,
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(2) , ’ - - ,
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64.380 2018 58.476
2019, 9%.

22.957 2019,
1.860 2018.
2018

2019,
184.206 ,
107.280 2018.

42
(31 2018: 37).
2019

2011. A
400 2013
2.2 2019.
80%

A , , , 10% . A . A , 154 (31 2018: 141) 2019. 153 , 124 , - ,

A 30 2019, 3,691 (31 2018: 3,669)

2019

(陶冶),

(中国发改委能源研究所可再生能源发展中心),

A (1) (2) (3)

30 2019 (30 2018:).