

**天地科技股份有限公司**  
**收购资产公告**





[2011] 209

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Ç

1442 55

[2011] 209

1	.....	1
2	.....	1
3	.....	2
4	.....	3
5	.....	4
6	.....	4
7	.....	4
8	.....	4
9	.....	7
10	.....	8
11	.....	12
12	.....	13
13	.....	30
14	.....	30
15	.....	34
16	.....	34



[2011] 209

2011 3

31

1

2 A 23 2306A

110000001459830

№.11020141

№.0000007

[2002]025

2

2.1

35 901

110000013169692

7800

7800



2010 08 27

2010 08 27

## 2.2

2012 12 31

2014 6 16

2014 4 19

## 3

T14520081201021808

I49E003017,I49E002017

11.34

2010 12 31 2012 12 31

1	112°10'15"	35°40'15"
2	112°11'30"	35°40'15"
3	112°11'30"	35°38'30"
4	112°08'45"	35°38'30"
5	112°08'45"	35°39'45"
6	112°10'15"	35°39'45"

6 1.90  
 4.15km 2.31 3.24km 11.34km<sup>2</sup> 6°

6°

	X	Y		X	Y
1	3946458.2480	19603781.8876	4	3949721.3214	19606007.7635
2	3946507.6013	19607933.3531	5	3498796.6361	19606018.9495
3	3949744.0027	19607894.1097	6	3948769.9495	19603754.9378

4

2003

2004

114

2004 11

2007 3 2008 12

2010 12 31

T14520081201021808 2010 12 31 2012 12 31

11.34km<sup>2</sup>

“

”

[2003]10 1442.55 4

2003 500 2004

400 2005 300 2006 242.55

**5**

:

**6.**

6.1

6.2

6.3

6.4

6.5

6.6

6.7

6.8

**7**

2011 3 31

**8**

8.1

8.1.1

8.1.2

1996 8 29

8.1.3

8.1.4

1998 2 12

240

8.1.5 1998 2 12 242

8.1.6 2000 11 1

[2000]309

8.1.7 [2008]174

8.1.8 2007 3 16

8.1.9

[2008]170

8.1.10 1985 2 8

[1985]19

8.1.11 2005

8 20 448

8.1.12

[2004]187

8.1.13 1997 7 3 222

8.1.14

2005 168

8.1.15

2004 119

8.1.16 (

[2009]200 )

8.1.17

[2011]10

8.1.18 &lt;

> ( [2007]20 )

8.1.19

2007 40

8.1.20

[2009]18

8.2

8.2.1

2008

6

8.2.2

(CMVS00001-2008)

8.2.3

(CMVS12100-2008)

8.2.4

(CMVS11000-2008)

8.2.5

(CMVS11100-2008)

8.2.6

(CMVS11400-2008)

8.2.7

CMVS30800-2008

8.2.8

(2006 )——

2006

8.2.9

/ GB/T17766—1999

8.2.10

(GB/T13908-2002)

8.2.11

(DZ/T0215-2002)

8.2.12

[2007]40

8.2.13

2007 1

—— CMV13051-2007

8.2.14

—

CMVS20200-2010

CMVS

30300-2010

CMVS 30400-

2010

CMVS 30500-

2010

CMVS 30700-2010

8.3

8.3.1					T14520081201021808
8.3.2	114	2004	11		
8.3.3		2004	12	26	
	2004	076			
8.3.4		2005	1		
2005	001				
8.3.5				2011	3
8.3.6				2010	11
8.3.7					
		[2003]	10		
8.3.8	114	2011	3		15
8.3.9					
<b>9</b>					
9.1		2011	3		
9.2		2011	4	11	4 13







10.5							
10.5.1							
					117.85m		6-
10	7.61%			5.5%			
	2-5		3				
2							4-7
	15						
2				0-1.92m	0.73m		
1.04m							0.0-
0.60m							
3				0 2.08		0.94	
3				2.10-4.50m	3.19m		
15				2.13-3.20m		2.74m	
,							
10.5.2							
10.5.2.1							
	2	3	3				15
							2 3 3
15							
10.5.2.2							
2				16.73%		0.44%	
9,25%				0.009%			Qgr,d
29.122MJ/kg					Qgr,d	32.694MJ/kg	-
3				17.56%		0.40%	

0.039%		Qgr,d	28.386MJ/kg	
	Qgr,d	32.425MJ/kg	-	
3		19.81%		0.44%
9,25%		0.009%		Qgr,d
29.122MJ/kg			Qgr,d	32.694MJ/kg
		-		-
10.5.3				
		±0.1		10.0%
		12.0%		
10.5.4				
2 3		-		-
		CO <sub>2</sub>		
3		-		
CO <sub>2</sub>				
10.6				
10.6.1				
3				
		0.0033L/s.m		76.97m
15				
10.6.2				
	3	15		
		-		
	3			15
10.6.3				

10.6.4

10.7

114 2004 11

11

2 3 3

(2006 —

$$P = \sum_{t=1}^n (CI - CO)_t \frac{1}{(1+i)^t}$$

P --

CI --

CO --

$$(CI - CO)_t$$

$i$

$t = 1, 2, \dots, n$

$n$

$$\frac{1}{(1+i)^t}$$

2011 3 31

t=0

12

( “ ”

15 114 2011 3

15

( “ ” 2006

114 2004 “ ”

“ ”

15 114 2011 3

15 15

15

120 /

“ ”

2011 3

2011 3 31

“ ”

12.1

12.1.1

CMVS 30300-2010

2006 18

“ ” “ ”

2004 8

5528.00

(331)1458

(332)2074.00

(333)

1996.00

15

15

4070

(332) 223.00

(333) 3847.00

2011 3

31

5528.00

15

4070

12.1.2

2006 18

( )

(331) (332)

(111b)

(122b)

333 ( )

“ ” 3 333 0.9

“ ” 0.9

“ ” 15 333

0.85 “ ” 0.85

8787.90 =1458+2074+1996×0.9+223+3847 ×

0.85 5328.40

=1458+2074+1996×0.9

12.2

“ ”

57m

+460m

3

1 +460m 3

10m 3

5.0m 644m 1 9t 1 JKMD-

2.6× 4

7.0m 625m 1 JKMD-4× 4

5.0m 597m 2 FBCDZ No26/2× 315

3

120 /

" "

80 13mm 13 0.5mm

0.5 0mm

12.3

" "

80 25mm Ad 14% St,d 1%

25 13mm Ad 14% St,d 1%

13 0mm St,d 1% Qnet.ar 23.0MJ/kg

" "

13% 16% 53% 18%

12.4

GB50215—2005

(2006 10 )

3.5 75%

1.3 3.5 80%

1.3 85%

2 3 3 15 0.73 0.94 3.19

2.74 2 3 85% 3 15

80%

30-50%

35%

1.3 1.5

“ ”

1.3

1.3

1.3

(

2011 3

“

”

2	2.0	5.00		10	
3	2.0	5.00		12	
3	115.00	68.00	98	213	
15	98	58	83	181	
	217	136	181	416	950
	2 3 3		0.9 15		0.85

12.5

=

- -

=6494.57

6494.57

3972.86

15

2521.71

3972.86

12.6

[2009]18

120 / “ ”



120 /

120 /

$$T=Q/(A \times K)$$

T-

Q- 6494.57

A- 120 /

K- 1.3

$$T=6494.57 \div (120 \times 1.3)$$

$$=41.63$$

2 3 3

2 3 3

$$T=3972.86 \div (120 \times 1.3)$$

$$=25.47$$

2010 11

( “ ”) “

” “ ”

2011 4 -2012 8 2012 9

-2015 12 2016 2017 2041 1-11

” “ 2016 60%

$$30.62 = 4.75 + 1 + \frac{3972.86 - 72 \times 1.3}{(120 \times 1.3)}$$

12.7

12.7.1

×

12.7.2

120

12.7.3

CMVS30800 2008

2008 -2011 3

2008 1 2011 3 565.89

/ 818.67 /

883.83 /

" "

13% 16% 53% 18%

545.81

$$/ = 883.83 \times 13\% + 818.67 \times 16\% + 565.89 \times 53\%$$

545 /

12.7.4

120×545 65400( )

( )

12.8

12.8.1

2010 11

( “ ”)

2

2011 1 ---2011 12

QN-6 2012 1 -

--2012 8 0 QN-7

331+332

	M	750	1:2500
	M	1350	2
	M	1350	
	M	1350	
		2	
		6	
		5	Mad Ad St d Vdaf ST Qnet.d

CMVS30500-

2010

“ ”

102.28

102.28

12.8.2

“ ”

2011 3

2011 3 31

“ ”

“ ”

103676.79

32631.55

20410.74

13872.41

6538.33

42407.00

32647.86

9759.14

8227.50

6450.00

1777.50

103676.79

35444.31

22170.10

46062.38

20 40

8 15

30

15

5%

(

[2008]170 )

2009 1 1

( 1 1 )

2009 1 1

“ ”

40

2012 9 2015 12

4

12.8.3

[2006]307

È )

“

)4.1/TT2 1 6 1 T2.58 0 T31cd40d0Tf 0.5 0 TD <01c4>>Tj 0 >>T252.42 300.0733 Tm-

12.8.3

G595LApKsA98KABmG90KBA

15 20%

16%

$$= \quad \times$$

$$=103676.79 \times 16\%$$

$$=16588.29( \quad )$$

2016 60% 9952.97

2017 40% 6635.31

12.9

2006

CMVS30800-2008

“ ”

“ ”

$$( \quad \div (1 + 17\%))$$

12.9.1

“ ”

$$20.62 = 16.72 + 3.90 \quad /$$

17.62 /

$$= 20.62 \div (1 + 17\%)$$

12.9.2

“ ”

$$27.20 = 25.26 + 1.94 \quad /$$

$$23.25 \quad / \quad = 27.20 \div (1 + 17\%)$$

12.9.3

“ ”

$$63.84 = 56.18 + 7.66 \quad /$$

$$63.84 \quad /$$

12.9.4

12.9.4.1

2006

CMVS30800-2008

CMVS30800-2008

20 40

8 15

30

15

5%

2009 1 1

2009

$$=22170.10 \times (1-5\%) \div 30$$

$$=702.05( )$$

$$=46062.38 \div 1.17 \times (1-5\%) \div 15$$

$$=2493.41 ( )$$

$$=702.05 + 2493.41 = 3195.46 ( )$$

$$26.63 = 3195.46 / 120 /$$

2031

46062.38

12.9.4.2

( )

16125.10

734.91

12.9.5

2006

CMVS30800-2008

				50%
	[2004]320	"		
		10	"	
		10		
			7.5 /	
	50%			3.75
/		2.50 /		
12.9.6				
	[2005]168			
				15 /
12.9.7				
	" "	10.74 =9.4+1.34	/	
		10.74 /		
12.9.8				
15				
41.63		50		
	41.63		10	
	-	0.39	$1946.88 \div 41.63 \div 120$	/
		0.09	$=102.28 \div 10 \div 120$	/
	2016 -2025		0.48 /	2026
		0.39 /		
12.9.9				







=3%+2%

"

" (

[2005] 5 ), 2005 1 1

1.5%

1.5%

3.2 /

" [2004]187 "

2009 1 1

= ×

=11118.00 )

= + ×

=833.78( )

= -

=10284.22( )

=46062.38÷1.17%×17%=6692.82

2016 2017 2031

= ×

=10284.22×7%

=719.90( )

= ×

=10284.22× 3%+2%

=514.21( )

= × 1.5%

=10284.22× 1.5%

=154.26( )

= ×

=120×3.2

=384( )

1772.37

12.11

			2007	3	16	
63		2008	1	1		25%

=

=65400.00-33906.40-1772.37

=29721.23

= ×

=29721.23×25%

=7430.31

12.12

12.13

CMVS30800-2008

5-10

5

-

CMVS 20200-2010

5

5.50%

5.50%

:

CMVS30800-2008

“

”

0.35 1.15%

15

1.12%

1.00 2.00%

2.00%

1.00 1.50%

1

“

”

-3

2

1.45%

1.12%+2% 1.45% 4.57%

=

=5.50%+4.57%

=10.07%

13

“

” 66096.84 120

/ 25.47

14

14.1

[2003]10

1442.55

14.2

15

15 1 “ ” 15

2 15

3 “ ” 15

4 15

CMVS20200-2010

“ ” 15 120 /

14.3

14.4

14.4.1

[2009]18

120 /

120 /

14.4.2

14.4.3

14.4.4

14.4.5

14.4.6

14.4.7

14.4.8

14.5

14.6

14.7



15

"

"

120 /

15

2 3 3

14.8.3

CMVS 20200-2010

14.8.4

14.8.5

14.8.6

14.8.7

14.8.8

14.9



**15**

2011 9 28

**16**



2006 247

( (2006)187 )

2008 83

2

3

3