

∩ ∧

2012 ˋ

2013-026

2013 04

cninf 巨潮资讯
www.cninfo.com.cn
中国证监会指定信息披露网站

cninf 巨潮资讯
www.cninfo.com.cn
中国证监会指定信息披露网站

2012 ˇ 2
Ո 2
Ո 6
Ո Ե 8
ˇ 11
.....31
ɻ ╟ ɻ ɑ 45
˚ Ո˚ ɑ 53
Ո 60
ϐ 68
ˉ Ե ˇ 68
ˉ 189

cninf 巨潮资讯
www.cninfo.com.cn
中国证监会指定信息披露网站

ﻥ		ﻥ ﻥ ﻥ
		ﻥ ﻥ ﻥ
		ﻥ ﻥ
ﻥ		ﻥ ﻥ ﻥ ﻥ
ﻥ ﻥ ﻥ		ﻥ ﻥ
ﻥ ﻥ		ﻥ ﻥ ﻥ
ﻥ		ﻥ ﻥ
ﻥ ﻥ ﻥ ﻥ		ﻥ ﻥ ﻥ
ﻥ		ﻥ ﻥ
ﻥ ﻥ		ﻥ ﻥ
ﻥ		ﻥ ﻥ
ﻥ		ﻥ ﻥ
		ﻥ ﻥ(ﻥ ﻥ: ﻥ)
		ﻥ ﻥ ﻥ
ﻥ		ﻥ ﻥ
ﻥ ﻥ		ﻥ ﻥ ﻥ ﻥ
ﻥ		ﻥ ﻥ ﻥ
ﻥ ﻥ		ﻥ ﻥ ﻥ
		ﻥ
ﻥ ﻥ		2012 1 1 2012 12 31

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

᾽ ᐧ , ᐧ ᾽ ᾽

cninf 巨潮资讯
www.cninfo.com.cn
中国证监会指定信息披露
网站

ՈՒ

نې ل ۹

ה ו

ה ו

ח ïˇ ש ל ן מח

□ √ ïˇ

	2012	2011		ˇ (%)	2010	
		מח	ח	ח	מח	ח
	2,087,519,161.84	2,207,708,539.06	2,341,260,744.36	-10.84%	1,366,781,296.91	1,366,781,296.91
ח , –	255,461,059.63	300,353,372.78	323,976,667.80	-21.15%	219,530,952.91	223,603,074.93
ח , –	218,856,162.04	294,480,497.08	269,351,662.75	-18.75%	207,715,818.65	211,794,974.60
‖ '	183,966,860.18	166,926,090.83	165,006,869.89	11.49%	130,072,804.00	132,085,237.50
/ ממ	0.26	0.48	0.34	-23.53%	0.35	0.35
/	0.26	0.48	0.34	-23.53%	0.35	0.35
% '	18.36%	30.46%	31.59%	-13.23%	22.79%	23.16%
	2012	2011		ˇ (%)	2010	
		מח	ח	ח	מח	ח
	2,094,865,990.67	1,602,789,529.14	1,800,053,515.49	16.38%	1,478,181,458.58	1,492,025,708.11
ח ' ח	1,620,752,833.87	1,116,947,108.26	1,168,513,015.38	38.7%	874,054,575.21	882,998,464.47

2012 7 12 ח 2011 ל ל ל 8 ח מח ו

ñ ‡

1 ל ف ñ ‡ ف ñ ‡ ו ˇ , – ה ' ק

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

	ﻡ ، ‾		ﻡ ،	
				]
ﻑ ﻫ ‡	255,461,059.63	323,976,667.80	1,620,752,833.87	1,168,513,015.38
ﻑ ﻫ ‡ ﻝ				

2 ﻝ ﻫ ‡ ﻑ ﻫ ‡ Ł ﻩ ، ‾ Ո ، ϙ

	ﻡ ، ‾	ﻡ ،

Ո	0.00	0.00		
Ո	0.00	0.00		
Ո Ո Ո

ني

2012

21.15% 2012

20.88 3.45 2.76

2.55

1

	2012	2011		

2012

20%

□ √

2

	2012	2011	
	2,071,206,745.89	2,336,482,914.77	-11.35%
	16,312,415.95	4,777,829.59	241.42%
	2,087,519,161.84	2,341,260,744.36	-10.84%

√ □

		2012	2011	%
:		32,331.25	35,493.01	

3

		2012		2011		
			%		%	(%)
		578,726,432.33	45.74%	595,574,754.60	41.94%	-2.83%
		36,495,367.80	2.88%	31,076,157.68	2.19%	17.44%
		46,921,239.04	3.71%	43,598,564.50	3.07%	7.62%
		48,681,863.37	3.85%	44,992,442.84	3.17%	8.2%

		2012		2011		
			%		%	(%)
		510,924,263.51	40.38%	497,668,979.83	35.05%	2.66%
		35,745,958.38	2.83%	30,104,468.47	2.12%	18.74%
		44,220,951.05	3.5%	40,266,208.48	2.84%	9.82%
		43,635,204.74	3.45%	40,218,427.68	2.83%	8.5%

5		7,577,460.00	0.75%
ᴊ	——	74,483,515.75	7.41%

45E]TJ4E]TJ3-6(J)-2(7)7(8E]TJ%ᵡTEMC <<.732 ᵹ6552.19C 79.563122241t0/P <<ᵹTT0 9 Tf191.6365.496572.48)TᵡETEMC ᵹ <<.73 72796552.19

╟	392,290,000.00	137,615,400.00	185.06%
╟	63,880,168.83	156,166,750.67	-59.09%
╟ '			

Ո ֆ 1 ֏ ֆ ֆ ֆ

□ √

ני ϕ†

1 ע ╠ ϕ

	2012		2011		֏ %	ע ╠
		ֿ %		ֿ %		
	449,614,692.85	21.46%	287,213,510.30	15.96%	5.5%	ֿ 8,665 Ռ ֿ 8 ל
	152,612,995.81	7.29%	78,841,949.25	4.38%	2.91%	, ע 3-6 , . ל ֏ ל 8 5,620 46.10% ﻫ
	200,954,292.34	9.59%	210,702,607.28	11.71%	-2.12%	֏ ע
سم	0.00	0%	0.00	0%	0%	
	0.00	0%	0.00	0%	0%	
ش	327,630,788.03	15.64%	241,452,985.79	13.41%	2.23%	╪ Ռ 3,174.46 يخ Ռ ל 8 ش 4,269.22
ﺟ	124,672,466.34	5.95%	68,024,402.20	3.78%	2.17%	ֆ Ռ ╕

2 ע ╠ ϕ

	2012	2011	֏ %	ע ╠

3 Ո

1.	0.00				0.00	0.00	0.00
2.	0.00				0.00	0.00	0.00
3.	0.00				0.00	0.00	0.00
	0.00				0.00	0.00	0.00
	0.00				0.00	0.00	0.00
	0.00				0.00	0.00	0.00
	0.00				0.00	0.00	0.00
	0.00				0.00	0.00	0.00
	0.00				0.00	0.00	0.00

□ √

1 p Ո F

p p 700 p

ϙ†

1 ϙ

1 ϙ

ϙ		
2012	2011	⊩
ϙ		
		%

2 ϙ

				%		%				
	0.00	0	--	0	--	0.00	0.00	--	--	

3 ϙ

				%		%			

۷ ۷					ھ			۱	۲ ñ	۱	
۸	0	--									

2 ɡ

ɹ Ո ɡ	ɹ ĭ (Ŏ ɹ)	ɡ	ɾ	(1)	ɾ	(2)	(%)(3) (2)/(1)	ɹ	ɾ	ɹ ĭ	ɹ ĭ ɹ ɹ

ﻉ ﻍ	ﺝ ﺵ ﺍ ﻣﻫ ﻡ 84,614,815.06 ﺍ ﺝ ﺵ ﺍ ﻑ ﺵ
ﺵ ﻍ ﻗ	
ﺵ ﻉ ﻉ ﻝ ﺵ	

3 ﺵ ﻝ ﻍ

ﻝ ﻑ	ﻥ	ﻝ ﻑ ﺵ (1)	ﻱ	(2)	(%)(3)=(2)/(1)	ﻝ ﺍ	ﻱ	ﺍ ﺍﺎ	ﻝ ﻑ ﻝ ﺍﺎ ﻉ ﻝ
ﻡ	--	0	0	0	--	--	0	--	--
ﻝ ﻥ ﺝ ﻥ ﻉ ﻝ ﻗ ﻍ ﻥ ﻝ ﻗ ﻍ ﻥ ﻝ ﻗ ﻍ ﻥ

ո Ո					34	62	27	8.50	8
Ռ ո ք Ո	Ո	Ո ո		200.00	39,187,422.73	36,381,990.57	29,121,638.27	11,928,284.10	8,964,048.60
ո Ո	Ո								

	2012		

5

	6,355	2,960.85	3,959.11	62.3%	
	7,129.8	2,347.37	3,239.62	45.43%	
	2,730.1	655.29	1,058.99	38.79%	
	3,523	1,782.13	2,490.13	70.68%	
	3,046	926.53	1,281.57	97%	
	22,783.9	8,672.17	12,029.42	--	--

2011	19,964.5	22,950.5	2,986
		12,029.42	

2013

ᐁᐧ ᐩ ᐧ ᐱ ᐩ 2013 ᐱ ᐩ ᐧ ᐁᐧ
ᐁᐧ ᐱ ᐩ ᐧ 15 ᐧ ᐩ ᐧ ᐩ ᐧ ᐱ ᐩ ᐧ
ᐧ ᐩ ᐧ ᐁᐧ ᐱ ᐩ ᐧ ᐁᐧ
ᐁᐧ ᐩ ᐧ ᐁᐧ ᐱ ᐩ ᐧ ᐁᐧ ᐱ ᐩ ᐧ ᐁᐧ
ᐁᐧ ᐩ ᐧ ᐁᐧ ᐱ ᐩ ᐧ ᐁᐧ ᐱ ᐩ ᐧ ᐁᐧ

ᐧ ᐁᐧ “ ᑎ ᐁᐧ ”

ᐧ ᐁᐧ ᐁᐧ ᐩ ᐧ ᐱ ᐩ ᐧ ᐱ ᐩ ᐧ

ᐧ ᐁᐧ ᐁᐧ ᐩ ᐧ ᐱ ᐩ ᐧ ᐱ ᐩ ᐧ

1 ᐩ ᐧ ᐱ ᐩ ᐧ ᐱ

ᐱ 2011 ᐩ ᐧ ᐱ ᐩ ᐧ ᐱ ᐩ ᐧ ᐱ

67,800,020.50

16,241.535049 54.91%

1,348.9416 4.56%

2,130.523351 7.2%

300 1.01%

200 0.68%

500 1.69%

360000110007025

758

2015 12 31

1992 1312

2012 5 28

2012 6 28

2012 6 1 → → 2012 6 1

2011

2011 6 30 2011 105 106

9,461.535 41.498% 23,491.12

3,244.82 55% 9,434.10

12,706.355

100%

2011 6 30

2011 8 10

2011 6 30 → 2012 6 1 26,117,435.88

17,338,499.58 8,778,936.30

	13,752,995.97	4,655,710.27	360,668.57
	69,835,163.30	9,154,260.66	-2,487,356.36

2

2012 4 25

100% 100%

2012 3 31

2012 014

1,001.00 2012 12 31

5,088.00 ∩ 100% جم ك

2010 12 29 2025 3 17 سم 360982210001665

ضمم بز

2015 12 31 ∩ 2008 8 500.00 2012 12 31 ∩ 2011 5 16 2028 8 14 158 2013 8 13

2012 4 30 2012 5 25 ∩ 2012 5 1 → → 2012 5 1 1 2012 5 1 ∩ 2012 5 1 ∩ 2012 4 25 2012 3 31 →

2 2012 – 435 2012

3

4 2012

2012 11 06	´ ∧	سم		ق فی	∧ ٹ ۱ ۷
2012 11 14	´ ∧	سم		n صمم	∧ ٹ ۱ ۷
2012 11 23	´ ∧	سم		…	∧ ٹ ۱ ۷
2012 11 27	´ ∧	سم		سم	∧ ٹ ۱ ۷
2012 11 29	´ ∧	سم		سم n ۷	∧ ٹ ۱ ۷

巨潮资讯
www.cninfo.com.cn
中国证监会指定信息披露

						(%)				
		21,675		3,247.01		9.41%			2012 04 26	

32

										m.cn/
Ո ᾗ	ᵃ ᾗ 41.50%	9,461.54			1,193.69	3.46%				

				ˉ ，		(%)							
2012 08 29													^ (^ 2012-04 6) 2012 8 29 n Ո http:// www.cn info.co m.cn/
	51%	2012 8 27	2,916.35	62.05	57.27	0.18%	‡	ĩ					51%

ɑ ر

ك صر ת ر ˉ Ո ɒ ر ˉ ف ل ـ ل Ո ـ ل ـ ج ؛

2012 ɒ ف ق ـ ـ ـ

, Ո Ո ā Ո 41.498% 55%
Ո Ո Ո Ո Ո ڃ ٹ ڄ ╟ 8,000 ⅓ 8
ڄ

2012 7 11 ā
Ո ڃ Ո . – ʃ
Ո Ո q ʃ Ո ‖ ʃ Ո
84,614,815.06

2012 6 28 8 ڃ ك ٹ Ո 2012 6 27 ڃ
ك ٹ Ո → Ո Ո 8 Ո

ڃ Ո ₥ Ո
Ո

2013 3 12

4,648

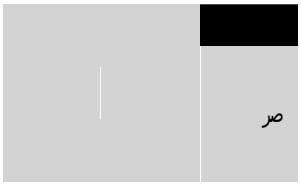
2013 3 21

5.44

1

2012 (2012-014) 2012 4 26 Ո http://www.cninfo.com.cn/	2012 04 26			(%) 82.85%	7,265.98						

2 **ᒪ ᑲ**



(x

												n Ո http://www.cninfo.com.cn/

3

						,

.X • … e s• Žu (i‡…˜ciSqÖx c…˜eOP… P†$)UTUOP•• bB…˜k qÖx csR8Y†°7 nõ sR >x à

Ո Ո Ո Ո

1 Ո Ո

1 Ո

Ո

Ո

Ո Ո Ո 10%

□ √

2 Ո Ո

Ո

Ո

Ո Ո Ո 10%

□ √

3 Ո

Ո

Ո

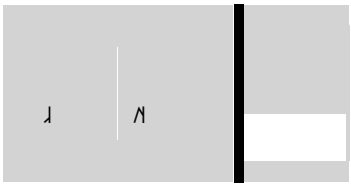
Ո Ո Ո 10%

□ √

2 Ո

Ո Ո Ո Ո
Ո	Ո		

1



[2013]004381 ∧) ج ∧ 2011 ∩ 2012			2,501.71 ∩ ج ∧ 2011 2012 ⊣ 2013 ر ع ر . – ˇ . – ∩ ج ج ∩ ˇ 2011 ˇ 2012 ˇ ⊣ 2013 ˇ ∧ 10 . –		

2,894.88 ھ ك ~ 2012-053			ﻫ Ռ ك 10 1 Ռ Ռ ك ك Ռ ك Ռ ﻫ Ռ ك		

							(2010-033) 2010 11 27 n Ո http://www.cninfo.com.cn/

Ե գ

Ե

Ե	Ե 80
Ե Ե	17
Ե	

Ե

□ √

Ե Ե գ

√ □

2012 8 3 2012 8 20 2012 2012 2012 [2012]149 2012 2012 2012

Ե

Ե գ

գ

᾽

᾽ نې ᾽ ᾽

᾽ ᾽ ᾽ Ꮹ ᾽ ᾽ ᾽

ל ╠ ר ק

ל ╠ ק

	ל ╠ ם	ל ╠ ב	ל ╠ א

87,375

4 2012 9

ᑎ 2012 7 11 ᒥ ᑭ 990,672,061 ᒣ 945,372,061 ᐱ ᐱ ᐱ ᐱ 12

ᒧ			1.18%	11,674,261	0	0	11,674,261		0
ك ڧى ᒧ ᐢᐢ n ᐢᐢ صر			1.11%	11,012,066	0	0	11,012,066		0
- ك ڧى صر ᒧ ᐢᐢ n			1.06%	10,540,980	0	0	10,540,980		0
				ᒪ					
ᐢᐢ ڧى ᕒ ني			1.01%	10,000,000	ᒧ 10,000,000		10,000,000		

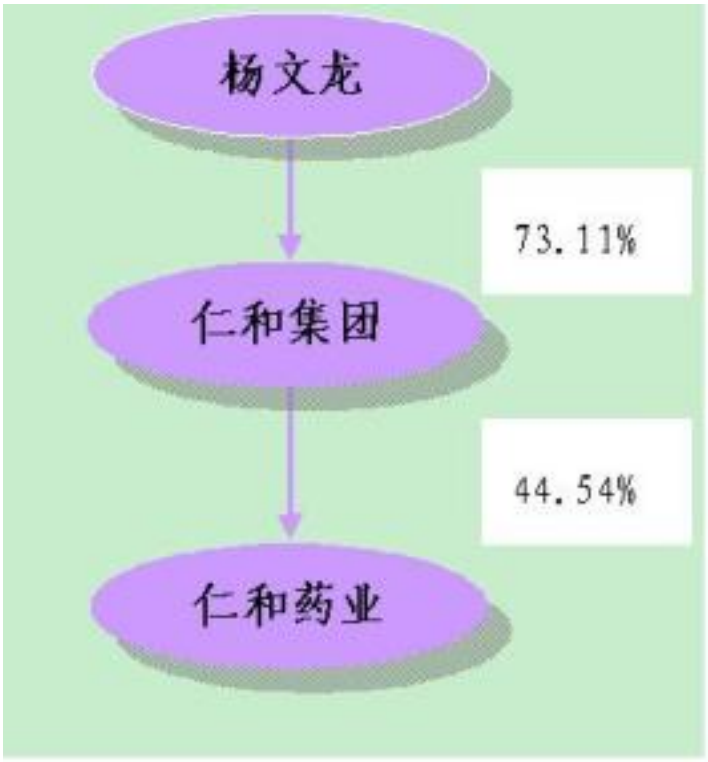
صر n ssss			
صر ـلـ - ك فى n ssss	10,540,980		10,540,980
3 ¨ -۸ فى ۸ n	6,911,969		6,911,969
۸ -۸ فى n ˉ ۸ n	6,300,000		6,300,000
ط	5,880,786		5,880,786
۸ فى p	5,537,647		

Ո ą	

□ √

3 Ո ą

	ف	ل 8



8 8 Ո

□ √

4 ᾽ 10%

᾽	/ ᾽				᾽ ᾽
Ո( ) ᾽ Ո		2001 07 06	72776518-6	18818	᾽ ᾽ ᾽

					ﻟ ﺭ ﻫ ﻓﻰ

[redacted]

ᒧ	╠			38	2012 12 25	2016 02 26	0	0	0	0
				53	2011 04 19	2013 02 26	0	0	0	0
				74	2006 12 25	2013 02 26	0	0	0	0
†				59	2006 12 25	2013 02 26	0	0	0	0

6 1976 10 ᒣ ᑌ ᓱ ᐱ ᖫ ᑐ
ᐱ ⁿ ⁿ ᒪ ᐱ

7 1965 5 ᒣ ⁸ ᓱ ᑐ ⁸ ᐱ ᒪᑐ

	Ո		2005 01 01	2013 12 31	
	Ո		2012 07 01	2013 12 31	

√ □

	א		2006 05 01		

[redacted]

			50		74.8	0	74.8
			45		63.52	0	[redacted]

[redacted]

ᒣ			57		29.93	0	29.93
			58		16.53	0	16.53
			60		14.25	0	14.25
	ɔ		42		57.38	0	57.38
ɾ	╣		38		16.07	0	16.07
			53		71.07	0	71.07
			74		5	0	5

⋮		2012
˥	(ὖ) ˥	27
	˥	599
	˥	1343
	˧ (ὖ) ˥	2153

4

4.1 Introduction

4.1.1 This chapter describes the methodology used to estimate the emissions of greenhouse gases from the Agriculture sector in Ireland for the period 1990 to 2012. The sector includes emissions from enteric fermentation, manure management, agricultural soils and field burning of agricultural residues. Emissions from energy use in agriculture are included in the Energy sector.

4.1.2 Agriculture is a significant source of greenhouse gas emissions in Ireland, accounting for 32.4% of total emissions in 2012. The main greenhouse gases emitted are methane (CH4) and nitrous oxide (N2O). Carbon dioxide (CO2) emissions from agriculture are small and are reported in the Energy sector.

4.1.3 The methodology follows the IPCC 2006 Guidelines for National Greenhouse Gas Inventories, Volume 4: Agriculture, Forestry and Other Land Use. Tier 2 methods are used for the key categories of enteric fermentation and manure management, and Tier 1 methods are used for agricultural soils and field burning.

4.1.4 The activity data for livestock numbers are obtained from the Central Statistics Office (CSO) annual June Agricultural Census. Data on fertiliser use are obtained from the Department of Agriculture, Food and the Marine.

4.2 Enteric Fermentation

4.2.1 Methane is produced in the digestive systems of ruminant animals as a by-product of the fermentation of feed. The amount of methane produced depends on the type of animal, the quantity and quality of feed, and the level of production.

4.2.2 Emissions from enteric fermentation were estimated using a Tier 2 methodology. Country-specific emission factors were developed for dairy cattle, non-dairy cattle, sheep, pigs and horses. The emission factors reflect the typical feeding practices and production systems in Ireland.

4.2.3 Enteric fermentation emissions in 2012 were 14,892 kt CO2 eq, representing 65.1% of agricultural emissions and 21.1% of total national emissions.

4.3 Manure Management

4.3.1 Methane and nitrous oxide are produced during the storage and treatment of animal manures. The amount of emissions depends on the manure management system, the temperature and the duration of storage.

4.3.2 Emissions from manure management were estimated using a Tier 2 methodology. Country-specific emission factors were developed for the main manure management systems in Ireland, including pasture, range and paddock, solid storage and slurry systems.

4.3.3 Manure management emissions in 2012 were 1,847 kt CO2 eq, representing 8.1% of agricultural emissions and 2.6% of total national emissions.

4.4 Agricultural Soils

4.4.1 Nitrous oxide is produced in agricultural soils through the microbial processes of nitrification and denitrification. Emissions are influenced by the application of nitrogen fertilisers, the deposition of animal manures on pasture, the cultivation of organic soils and the decomposition of crop residues.

4.4.2 Emissions from agricultural soils were estimated using a Tier 1 methodology. Direct emissions from fertiliser application, animal manure deposition and crop residues were calculated using the default emission factors and parameters in the IPCC 2006 Guidelines.

4.4.3 Agricultural soils emissions in 2012 were 5,987 kt CO2 eq, representing 26.2% of agricultural emissions and 8.5% of total national emissions.

4.5 Field Burning of Agricultural Residues

4.5.1 Field burning of agricultural residues is not a significant source of emissions in Ireland. Burning is prohibited under the Air Pollution Act 1987 (Smoky Coal) Regulations, 1990, and is rarely practised.

4.5.2 Emissions from field burning were estimated using a Tier 1 methodology. Activity data on the quantity of residues burned are obtained from the Department of Agriculture, Food and the Marine.

4.5.3 Field burning emissions in 2012 were 0.4 kt CO2 eq, representing less than 0.1% of agricultural emissions and less than 0.1% of total national emissions.

2012 8 20

4 Ո 2011
֊ Վ
5
Ո 2011 ֆ
Ֆ
6
Ո 2012
7

8 Ո
Ռ
Ջ Ո

8 Ո 100%

Ո 100%
9
Ո
Ռ Ջ

一、

(1) 1 2 3 4 5

(2)

(3)

(4)

(5)

(6)

二、

三、

,

,

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

ȣ

ȣ ą

2012

8	2013 04 23
8	2012 8 http://www.cninfo.com.cn/

8

□ √

8

□ √

8

√ □

8 ą

Ո ñ Ո

2010 3 8 8 Ո 8 8 Ո

ą

ﺨ ﻉ ﻉ ﺨ

ﺨ

ﺹﺭ	ﻫ
ﺨ	2013 04 21

1

	449,614,692.85	287,213,510.30
	0.00	0.00
	0.00	0.00
	5,537,262.00	

	0.00	0.00
	0.00	0.00
	418,087,062.24	265,553,417.96
ᓴ	0.00	0.00
ᑭ	95,707,742.69	9,921,329.39
	1,977,488.10	8,320,870.24
	2,676,260.36	988,777.53
ᕼ	0.00	0.00
ᕼ ᕕ	970,751,807.76	594,261,783.11
	2,094,865,990.67	1,800,053,515.49
ᕼ		
	0.00	24,070,172.40
ᓭ	0.00	0.00
ᐃ ᓴᓭ	0.00	0.00

	0.00	0.00
ⁿ	0.00	0.00
	0.00	0.00
	220,400.00	227,200.00
	0.00	18,497,932.39
	0.00	0.00
╣	18,821,228.15	0.00
╣ ᐟ	19,041,628.15	

	0.00

	1,528.00	4,528.00
	17,169,307.80	11,156,451.17
–	0.00	0.00
–	0.00	0.00
	3,431,024.09	141,407.32
‖	0.00	0.00
‖	0.00	0.00
‖	20,601,859.89	11,302,386.49
‖		
	0.00	0.00
n	0.00	

	68,916,306.42	87,782,266.95
	276,139,747.75	361,127,592.38
	13,632,908.12	24,530,937.49
	255,461,059.63	323,976,667.80
	20,678,688.12	37,150,924.58
	--	--
	0.26	0.34
	0.26	0.34
	0.00	0.00
	276,139,747.75	361,127,592.38
	255,461,059.63	323,976,667.80
	20,678,688.12	37,150,924.58

13,632,908.12

4

	12,178,625.81	14,098,827.32
	0.00	0.00
	682,003.04	789,534.32
	0.00	0.00
	31,818,895.41	20,900,659.06
	144,912.42	-7,853.51
	2,000.00	-95,021.00
	-1,998,171.65	-1,536,418.89
	390,314,941.31	269,364,478.90
	0.00	0.00
	367,847,584.60	260,339,568.46

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

╟	1,990,058,680.06	2,136,378,047.47
ك p ﻫ ╪ ﻫ	1,159,099,265.10	1,150,802,646.15
╗ ' شخ ﻫ	0.00	0.00
╗ ' ﻫ Ո	0.00	0.00
ﻫ ﻫ ﻫ	0.00	0.00
ﻫ –	0.00	0.00
– '	0.00	0.00
ﻫ	220,305,894.10	174,937,617.78
ﻫ	249,741,309.43	270,350,498.77
╟	176,945,351.25	375,280,414.88
╟	1,806,091,819.88	1,971,371,177.58
╟ '	183,966,860.18	165,006,869.89
╟		
ى أ	2,110,948,261.07	48,703,561.30
ﻫ أ	888,066.16	84,868.00
Ո ش ' ى	29,292,117.45	118,451.60
[redacted]	25,652,842.52	0.00

	1,547,435,960.54	40,697,427.22
	232,419,318.04	100,110,487.53
	28,948,800.00	0.00
	0.00	0.00
	0.00	0.00
	1,808,804,078.58	140,807,914.75
	150,788,421.00	184,432.00
	1,545,493,536.97	40,853,497.47
	264,909,375.89	51,891,225.00
	0.00	0.00
	1,961,191,333.86	92,929,154.47
	-152,387,255.28	47,878,760.28
	362,930,000.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	362,930,000.00	0.00
	0.00	0.00
	35,041,791.05	23,361,194.04
	721,300.00	3,263,745.22
	35,763,091.05	26,624,939.26
	327,166,908.95	-26,624,939.26
	0.00	0.00
	125,532,933.28	-33,971.65
	143,910.08	177,881.73
	125,676,843.36	143,910.08

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

7 ∧ ⊥∨

8´ ∩ ∧

´

	∧					
		˚			∨	

cninf 巨潮资讯
www.cninfo.com.cn
中国证监会指定信息披露

							791.05	1.05

							667.80		4.58	2.38
՛										
Ո							323,976,667.80		37,150,924.58	361,127,592.38
Ո ֊		-16,380,870.19		-1,771,877.55		-15,946,897.95		-18,291,579.31		

	630,248,041.00	184,872,431.83					4,953,808.43	870,725,239.65
	630,248,041.00	184,872,431.83					4,953,808.43	870,725,239.65
	360,424,020.00	245,280,09						

	315,124,020.00						-315,124,020.00	
1								
2								
3								
4	315,124,020.00						-315,124,020.00	
1 ۸								
2								
ني	990,672,061.00	430,152,526.02						

ني					26,034,375.46		-49,395,569.50	-23,361,194.04
1 ﻝ					26,034,375.46		-26,034,375.46	
2 ﻝ ñ								
3							-23,361,194.04	-23,361,194.04
4								
	210,082,680.00						-210,082,680.00	
1								
2								
3								
4	210,082,680.00						-210,082,680.00	
1 ﻝ								
2								
ني	630,248,041.00	184,872,431.83			50,650,958.39		4,953,808.43	870,725,239.65

Ո ա ք

1. Ո ղ ﻝ

Ռ Ո (– Ո ‖ – Ո ‖)ﻣ ע Ո 1996

ñ ע ˜ ﻝ ‡ Ո 1996 12 10

ﺟ ﺻ n ﻝ Ո Ω ﻙ ע ﻝ

Ռ ﻱ ﻝ Ո ת Ռ ﻝ 2012

12 31 Ո ﻝ 990,672,061 Ո 990,672,061.00

Ո 2011 ā Ո 2011 12 31 630,248,041 ա ֆ

3

1 1 12 31

4

5

1

>• Ü J Ø 2W$y²¯À$3 Œ@

Ä o Ÿ Ä

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露

6

1

2

7

8

1

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露

2

9

1

2

1.

1.

1.

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

5

6

1

2

7

10

1

	100 100

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

	☒ ☐

2

☐ ☑

	(%)	(%)
1	0%	0%
1 2	5%	5%
2 3	10%	10%
3 4	30%	30%
4 5	80%	80%
5	100%	100%

☐ ☑

☐ ☑

3

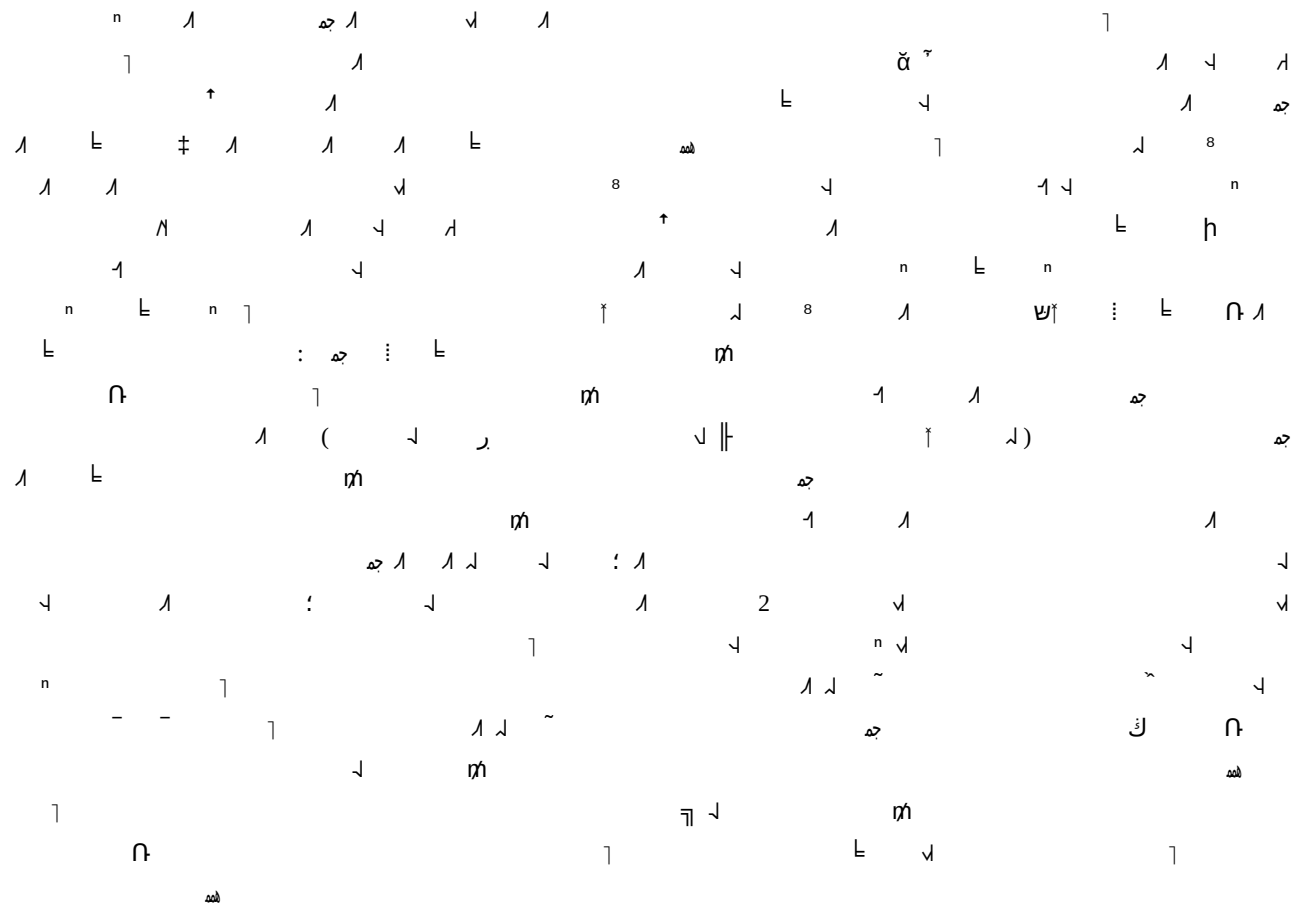
☒	

2 ת

ת ת ת ת ת ת ת ת ת ת

3 ת ת ' ת ת

ת ת ת ת ת ת ת ת ת ת











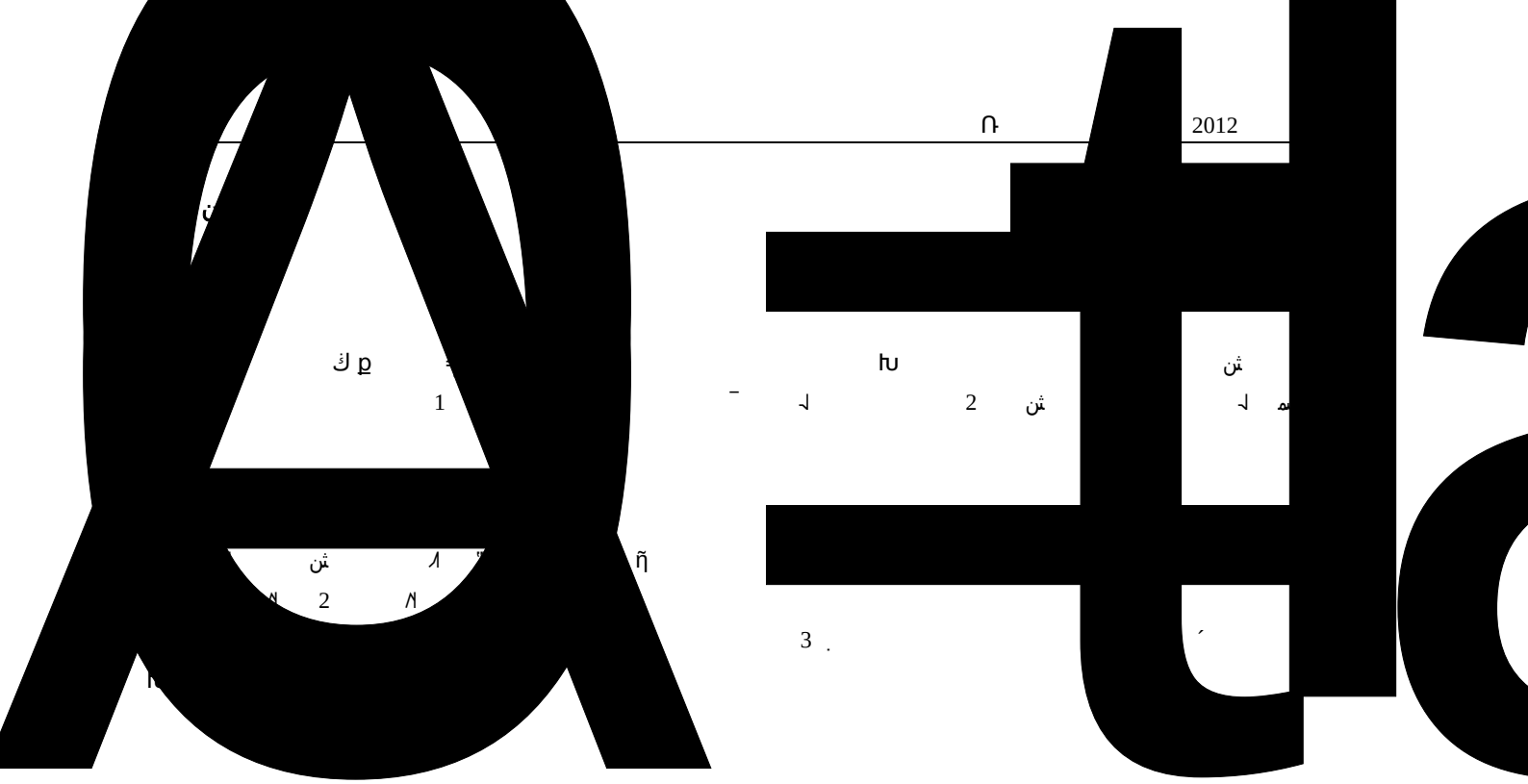
2

1

-

-

3 ˊ ˀ ˀ ˀ



Ն	5-10	5%	
	5-10	5%	
	5-10	5%	
	5-10	5%	

4

5

15

1

2

3

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

16

1

1

2

3

2

3

4

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

17

18

19

1

	5-10	
	2-5	

3

4

5

6

1
2
3

20

21

22

1

2

23

1

2

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

ﺝﻫ ﻉﺝ ﺹﺭ ﺹﺭ ﺝﻱ

1 2 3 4 ╟ 5

– 6 –

ﺝﻫ ~ ⌐ ﻉﺝ ∩ ⌐

ﺝﻫ ⌐ ﻉﺝ ⌐ ⌐ ⌐ ﺝﻫ ⌐ ؛

27

1

2

28

1

2

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

3 ر ا ى

29 ر

1 ر ñ

2 ر

30 ɒ ע Ɛ

31

32 ↓

ˋ ĩ ↓

□ √ ĩ

1 ↓

ˋ ĩ ↓

□ √ ĩ

2 ↓

ˋ ĩ ↓

□ √ ĩ

33 ɱ

ˋ ĩ ↓ ɱ

□ √ ĩ

ˋ ɱ

1

ˋ ĩ ↓ ɱ

□ √ ĩ

2

ˋ ĩ ↓ ɱ

□ √ ĩ

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

34

1

		17% 13%
		5%
		5% 7%

	15%	
	15%	
	15%	
	15%	

70% 1.2% 12%

2

1 [2012]1 51 GF201136000019 GF201136000047 2011 10 9 2014 10 8 2011 2013 15%

2 [2012]5 16 GF201236000005 GF201236000016 2012 4 20 2015 4 19 2012 2015 15%

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

					۱ ۹ ۸ ع p ۱ ر , ف,								

۷ ۸

2 ۷ ۸ ۷ ۸ ۸

					ƌ ˥ ɾ								
Ո 8 Ո (Ո)	Ո	Ո ˊصصصصم 608 Ո	8	2,300.00	ڇ 9 9 9 ɾ Ո ㄴ	2,724.86		100%	100%				
ɻ F 8 Ո (F Ո)	Ո	Ո ﻍز Ɯ	8	3,100.00	ŏ 9 9 9 9 9 9 , ŏ 8 9 ɾ	3,644.36		100%	100%				

/P <</MCD 175

		758											

						21,675.00		100%	100%				
				5,088.00									

4

1,863,780.10	13,223,780.10	
8,964,048.60	36,381,990.57	( )
22,380,268.38	183,367,145.63	( )
4,270,954.91	24,785,573.06	( )
32,470,134.66	125,847,424.53	( )
19,120,694.67	53,898,557.96	( )

1,216,684.59	36,606,837.90	( )

5

. – ᚺ ᛇ ᛗ ᚳ ᛩ ᚺ

ᛇ ᛗ ‖ ᚺ ᛇ ᛗ 84,614,815.06

2012 ᚳ ᚻ ك جھ ᛗ ᛭ 28 6 2012

ᚳ ᚻ ك جھ ᛗ Ռ 27 6

→ ᛗ ᚳ ᛭ ᛗ

1. ᛗ ᛛ ᛩ

᛭ Ռ ᛭ ᚹ ᛗ – ‖ 2004 10 19 Ռ ᚸ

ᚳ ᛗ Ռ ᛗ ᛗ 200 ᛚ ᚳ

2012 12 31 ᛗ ᚳ Ռ ᛗ 110 ´ 55% ᛭

ᛏ ᛗ 81 ´ 40.5% ᛗ 9 ´ 4.5% جھ

⅝ ᵾ ᵁ ᵋ ᚳ Ń ᚱ

Ռ ֏ Ռ

2011 6 30

՝ ₹ 17,338,4

6 ֎ Վ

Л

4 30 ~

→ → 2012 5 1 ﾉ

Ѝ 2012 5 1 ⁸ Ռ

ﾉ

3 ﾉ ~

2012 4 25 Ѫ ﻍ

ﷺ ñ 2012 3 31 →

, ╗ ╗ Ỉ

Ռ ﻍ ﻟ Ռ

4 ك ﻝ

ﻟ ⁸ Ѝ Ռ

1 ك ﻟ

2012 5 1 .

⁸ ﻟ ﺘﻦ ﻉ ﾉ Ռ

ϙ

~ ~ Ѝ Ѝ

, ,

Ռ Ѝ Ỉ ⋮

10

1

:	--	--	33,393.17	--	--	713.17
	--	--	33,393.17	--	--	713.17
	--	--	448,997,671.47	--		

2

0.00		

3

3

ك

4 -

-	0.00			0.00		
	--	--	--	--	--	--
-	0.00			0.00		
	--	--	--	--	--	--
				0.00		
٨	0.00			0.00	--	--

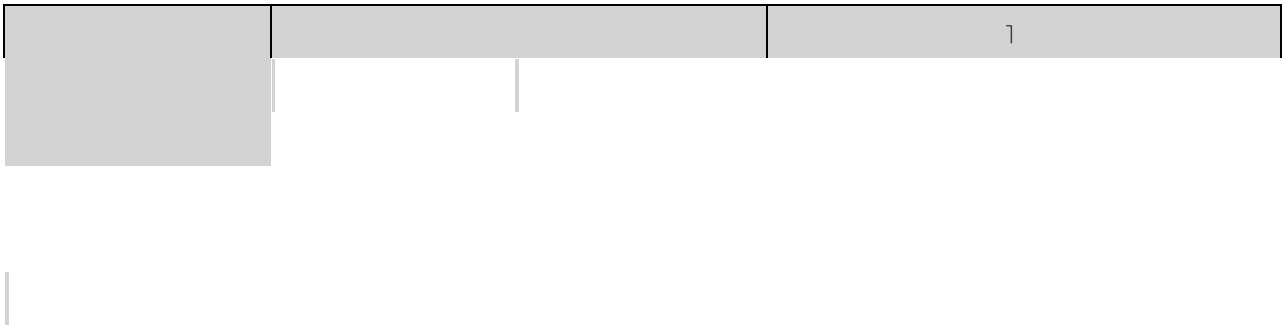
5 -

1 -

3

6

1



			]	
		֏ Ñ		֏ Ñ

4 Ѧ 5 ӈ 5 ā ́ ą

́

́ ɻ			⏌	
		ѫ		ѫ

5

́

́ ɻ			́ (%)

[redacted]

14 Ո

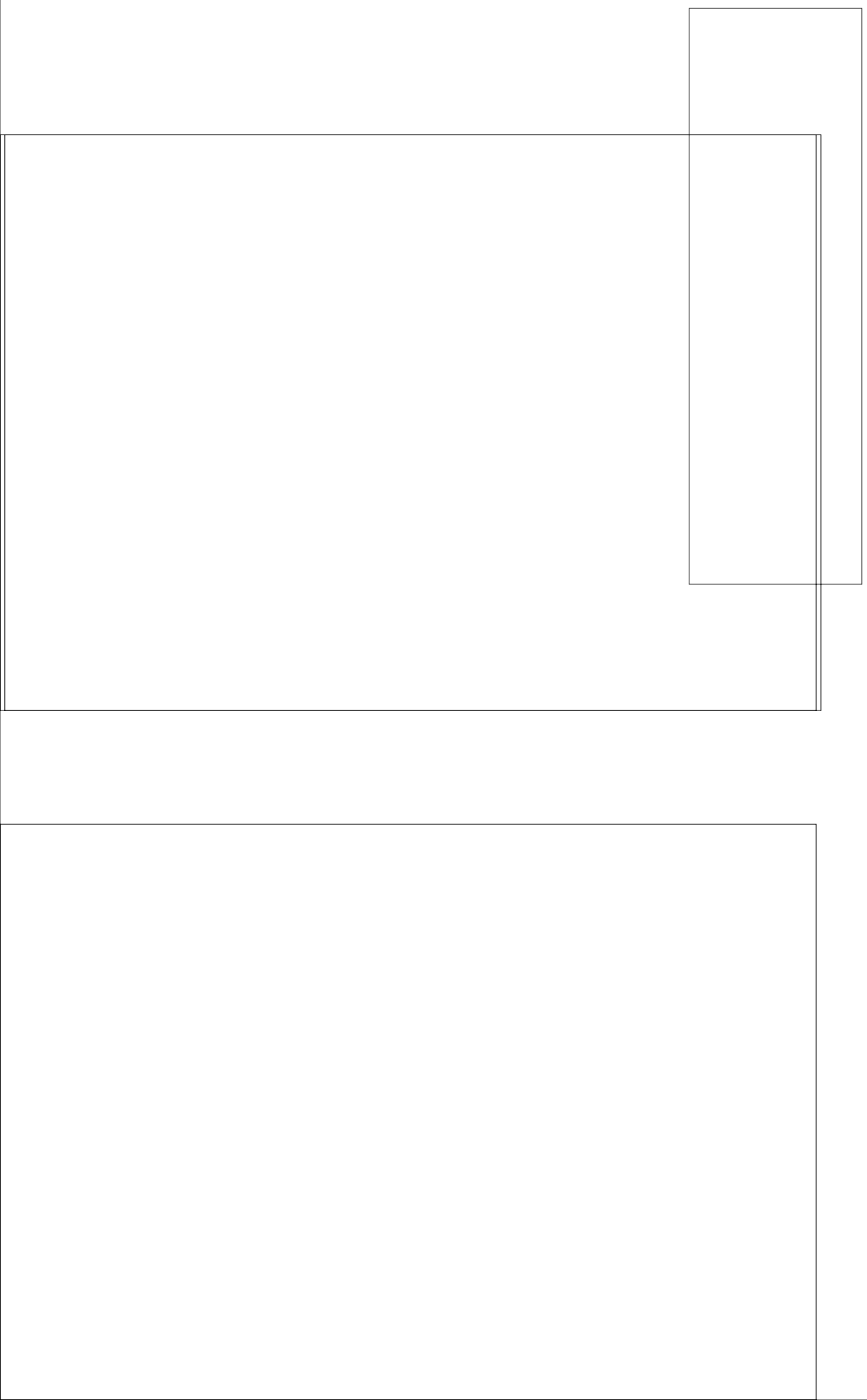
	(%)	(%)					
	0%	0%	0.00	0.00	0.00	0.00	0.00
	0%	0%	0.00	0.00	0.00	0.00	0.00

15

1

						(%)	(%)				
	--	0.00	0.00	0.00	0.00	--	--	--	0.00	0.00	0.00

2. سم بص	0.00



15,046.40 2012 6 29 15,046.40

31,744,600.00 118,719,400.00

75,708,384.60 2

63,766,283.74 11,378,386.33

492,927.54 792,261.28

228,546.75 356,641.87

16,903,846.53 9,907,769.51

4,085,813.06

4

5

6

1

	00.00	3.83	3.81	0.09								77.55
	260,000.00	306,876.77	65,415.57	372,292.34		100%	100.00					

Ո 8

9

3

	0.00			0.00	
		0.00	0.00		--

4

	76.45	
	80.00	
	80.00	
	92.93	

5

19

23

1 ϙ

	]	╕	ˇ	
Ո Ո	328,017,548.39	186,364,999.56	30,389,094.90	483,993,453.05
1 سم بم	253,998,574.08	125,360,075.43	1,440,294.90	377,918,354.61
2 ك	38,181,085.33	11,720,551.95	28,948,800.00	20,952,837.28
3 ϱ	1,500,000.00	48,987,749.91		50,487,749.91
4 ¯	32,118,125.68			32,118,125.68

	7,111,703.64		5,571,878.31		1,539,825.33	
8	1,209,166.60		849,167.65		359,998.95	
		186,393.16	108,729.34		77,663.82	
	8,320,870.24	186,393.16	6,529,775.30		1,977,488.10	--

26 Ո

1 Ո

Ո

ñ	336,039.16	71,530.56
	2,326,221.20	889,246.97
	14,000.00	28,000.00
	2,676,260.36	988,777.53

2 Ո Ո ' "

Ո Ո

	Ո Ո	Ո Ո Ո	Ո Ո Ո	Ո Ո Ո Ո
	2,676,260.36		988,777.53	

ղ	0.00	0.00		0.00	0.00
ղ	0.00	0.00		0.00	0.00
ղ	0.00			0.00	0.00
ղ	0.00			0.00	0.00
ղ	0.00	0.00		0.00	
	0.00	0.00		0.00	0.00
	1,012,988.14	1,368,386.87		518,033.64	1,895,878.85

ղ

Ռ 2012 4 30 ղ

ղ 2012 6 30 ղ

28

30

	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00

31

		0.00
		69,466,810.00
	0.00	69,466,810.00

0.00

70 6070

2 **Ո Ո 5** **Ո 5** **Ո**

3 **Ո**

1 **Ո 5** **Ո 5** **Ո**

2 **Ո**

Ո	22,461.31	---

Ո	1,632,800.00	Ո	
Ո Ո	956,661.00	Ո	
Ո	606,149.91	Ո	
Ո	487,500.00	Ո	
Ո	376,666.67	Ո	
Ո	4,059,777.58		

33

1 **Ո**

1	77,538,717.67	146,105,984.17
1-2	596,971.59	7,450,723.78
2-3	247,573.97	760,117.79
3	3,072,425.04	2,405,790.09
Ո	81,455,688.27	156,722,615.83

2 **Ո Ո 5** **Ո 5** **Ո**

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

3

1

2

3

	558,395.08		

34

Ո	2,290,820.88	195,647,275.00	193,014,127.08	4,923,968.80
–	0.00	8,612,133.00	8,612,133.00	
	944,405.10	16,449,616.52	17,393,682.82	338.80
	21,624.69	2,333,367.39	2,354,992.08	
	857,708.29	11,928,700.81	12,786,409.10	
	23,066.14	686,182.45	708,909.79	338.80
	41,753.58	1,404,590.75	1,446,344.33	
	252.40	96,775.12	97,027.52	
	8,857.00	649,451.00	658,308.00	
–		19,405.00	19,405.00	
	3,019,251.93	607,481.00	771,994.80	2,854,738.13
	6,263,334.91	221,985,361.52	220,469,650.70	7,779,045.73

0.00

Ո 607,481.00 – 0.00 19,405.00

		]
	7,615,548.64	4,909,875.96
	46,697.73	
	370,473.25	200,327.18

2011

38

1 ą

1	22,677,686.37	25,208,710.90
1 2	17,187,777.88	8,826,736.54
2 3	6,880,576.19	509,191.97
3	5,661,906.32	8,955,183.98
	52,407,946.76	43,499,823.39

2 5 5 ą

	]	╗	՞	
	18,497,932.39		18,497,932.39	

ﾉ

43

44

1

			%			

2

45

	227,200.00		6,800.00	220,400.00	---
	227,200.00		6,800.00	220,400.00	--

[2009]19 [2009]9

2009 12 31

[2009]56

6,800.00

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

46

	971,670.84	
Ո	7,630,000.00	
GMP	2,600,000.00	
	1,919,160.51	
	4,757,290.81	
	943,105.99	
	18,821,228.15	0.00

1 [2011]2874 1,000,000.00

2012 28,329.16

2 [2012]95 2012 Ո

7,630,000.00

3

	ᒣ	ᐢ ᐦ ᒣ	
		ᒧ	

ᐱ	2,071,206,745.89	1,264,317,058.57	2,336,482,914.77	1,415,802,004.72

4 Ꮮ ᒣ ꓵꓢ

ꓵ Ꮤꓢꓲ

56

	542,101.55		
	6,170,010.22	6,890,249.85	

۱	600,050.09	786,343.35

0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
-98,580.79	1,368,386.87	

63

1 **α**

88,602.73	3,677.76	17,573,116.79	
5,428.46	3,677.76	6,013.94	
83,174.27		17,567,102.85	
4,763,986.39	29,976,208.52	4,763,986.39	
10,513,460.78	11,182,574.75	10,513,460.78	
416,094.60	184,118.89	416,094.60	
258,191.83	323,687.79	258,191.83	
422,000.00	100,000.00	422,000.00	
3,083,228.52	674,793.89	3,083,228.52	
17,596,267.76	63,022.67	111,753.70	
	42,508,084.27	37,141,832.61	

2

		592,801.88	

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

1. لج لا	326,739.22		
2. ۴ لج	180,839.49		
3	28,329.16		
4.: ۸ ۹	56,894.01		
╠	9,920,658.90	11,182,574.75	
1. … ۸	4,070,000.00		
3.بى		2,545,483.00	
4. ╨	480,000.00	260,000.00	
5. ╨	5,090,000.00	8,037,200.00	
6.ھ	21,658.90	335,355.63	
7. ك ر ╨	160,000.00		
8.			

6 27 5 2010 10% 480,000.00

7 [2011]150 5,090,000.00

8 [2009]61 [2011]13 11,520.00 10,138.90

9 [2012]207 100,000.00 [2012]279 60,000

10 2011 10 13 2011 2011 99,000.00

64

66

2010 [2010] 2008 [2008] 43

1

	0.26	0.26	0.34	0.34
	0.23	0.23	0.28	0.28

2

	1	255,461,059.63	323,976,667.80
	2	36,604,897.59	54,625,005.05
	3=1-2	218,856,162.04	269,351,662.75
	4	630,248,041.00	420,165,361.00
	5	315,124,020.00	525,206,700.00
	6	45,300,000.00	--
	6		
	6		
	7	6	12
	7		
	7		
	8	--	--
	9	--	--
	10	--	--
	11	12	12
	12=4+5+6×7 ÷11-8×9÷11-10	968,022,061.00	945,372,061.00
	13		
	14=1÷13		
	15=3÷12	0.23	0.28

	17	25%	25%
	18	--	--
	19	--	--
	20=[1+(16-18)×(100%-17)]÷(13+19)		
	21=[3+(16-18)×(100%-17)]÷(12+19)	0.23	0.28

1

=P0÷S

S= S0 S1 Si×Mi÷M0– Sj×Mj÷M0-Sk

P0 S S0 S1 Si Sj Sk M0 Mi Mj

2

=P1/(S0 S1 Si×Mi÷M0–Sj×Mj÷M0–Sk+)

P1

67

	0.00	0.00

68

ˆ	16,822,931.09
ˆ ¯	

3 Ռ

		]
	449,614,692.85	243,804,534.30
	33,393.17	713.17

Վ

1 Ո Ո

							Ո (%)	Ո ã (%)	8	
	Ո Ո Ո Ո		Ո	՛ 158 Ո		Ո Ո Ո Ո	18,818.00	44.54%	44.54%	72776518-6

Ո Ո

Ո Ո Ո Ո

ρ [8]		6							
[8]						295800000	54.91%	54.91%	15826154-2
ת [8]				ك	20000000	85%			

´ لـ %		´ لـ %		‡		صر	

3

4

5

1

2012 23 2012 8 23 2 23 300 300

2013 2 26 2013

ā

Ռ

,( ) <Ռ

, <

Ռ

,

,

2013 3 12

4,648 ,

4,648 ´

4.69%

5.44 / 2013

1 30

, ,

2013 3 11

,

,

,

,

435

4,648

,

,

,

,

12

48

	ñ ‡ 22 Ո — Ո Ո — Ո ص Black-Scholes Model Ո Ո , 4,648 . 6,659.64

2011 , –

7 Ո

1.	0.00				0.00
2.	0.00				
3. Ո					

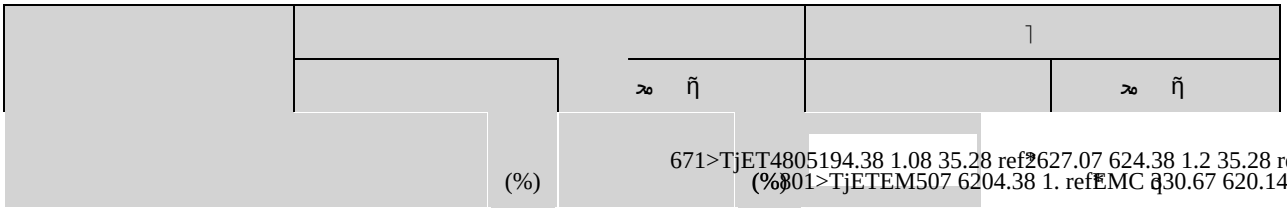
√ □

		(%)			(%)

9

2

1


671>TjET4805194.38 1.08 35.28 ref2627.07 624.38 1.2 35.28 ref355.39 584805
(%)
(%)801>TjETEM507 6204.38 1. refEMC 330.67 620.14 25.92 35.565 7

՛ Յ	Ո		՛ (%)
Ո Ո	Ո	195,491,882.25	99.67%
Ո	--	195,491,882.25	99.67%

8

8 Ո		216,750,000.00		216,750,000.00	216,750,000.00	100%	100%		

	0.00		0.00	Ո

4 Ե ի ա Ա

Ո	Ո	Ո ա ա

Ω	120,794,994.77	117,884,926.62	
Ω	87,576,400.76	47,684,908.35	
	3,863,899.13	2,753,404.49	
	90,295,736.43	82,142,644.07	
Ω	36,423,930.72	18,384,788.74	
	50,093,037.28		
	389,047,999.09	268,850,672.27	--

3

1 Ω 2012 5 15 2012 12 18 2011 95% 120,794,994.77

2 Ω 2012 5 15 2012 12 18 Ω 2011 100% 87,576,400.76

3 2012 5 15 2012 12 18 2011 95% 3,863,899.13

2012 5 15 2012 12 18 2011 100% 90,295,736.43

5 Ω 2012 5 15 2012 12 18 Ω 2011 95% 36,423,930.72

6 2012 5 15 2012 12 18 2011 95% 50,093,037.28

6

1	--	--
	385,329,063.18	260,343,754.58
	2,000.00	-95,021.00
	1,273,355.47	22,169.91
	2,661,318.30	4,367,649.72
	-17,483,928.58	
	1,998,171.65	1,536,418.89

cninf 巨潮资讯 www.cninfo.com.cn 中国证监会指定信息披露网站

				3-6 ,
				՜ .

	990,672,061.00	630,248,041.00	57.19%	10 5 ㄱ ㅐ
	293,346,256.17	106,825,706.26	174.60%	ㅐ Ո ㄴ ª ㅅ ㄴ
	106,059,246.76	67,526,340.44	57.06%	
ㅣ ㅡ	230,675,269.94	363,912,927.68	-36.61%	2012 ㅣ ㅡ ㄱ ㅡ ㄴ
ㅡ				
	143,501,577.48	103,502,704.24	38.65%	ㄴ ㅐ ㄱ h 900 , ㄴㄱ h 600 Ո ㄴ ª ╗

				136	
	28,000,000.00	20,000,000.00	40.00%	2012 6	
	22,568,104.79	128,269,000.00	-82.41%	8	-

( )

( )

( )

4869.01 7626 -15.84