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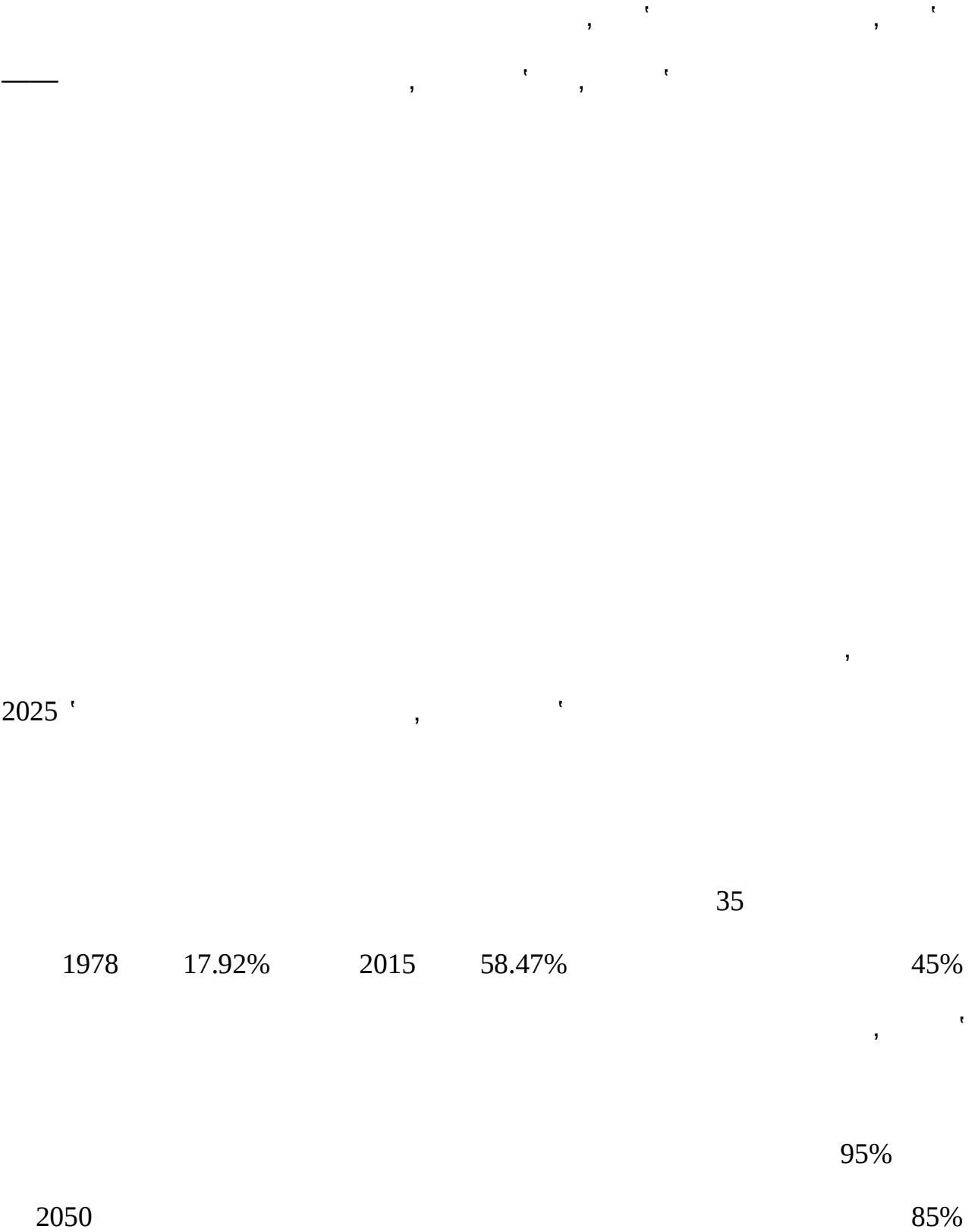
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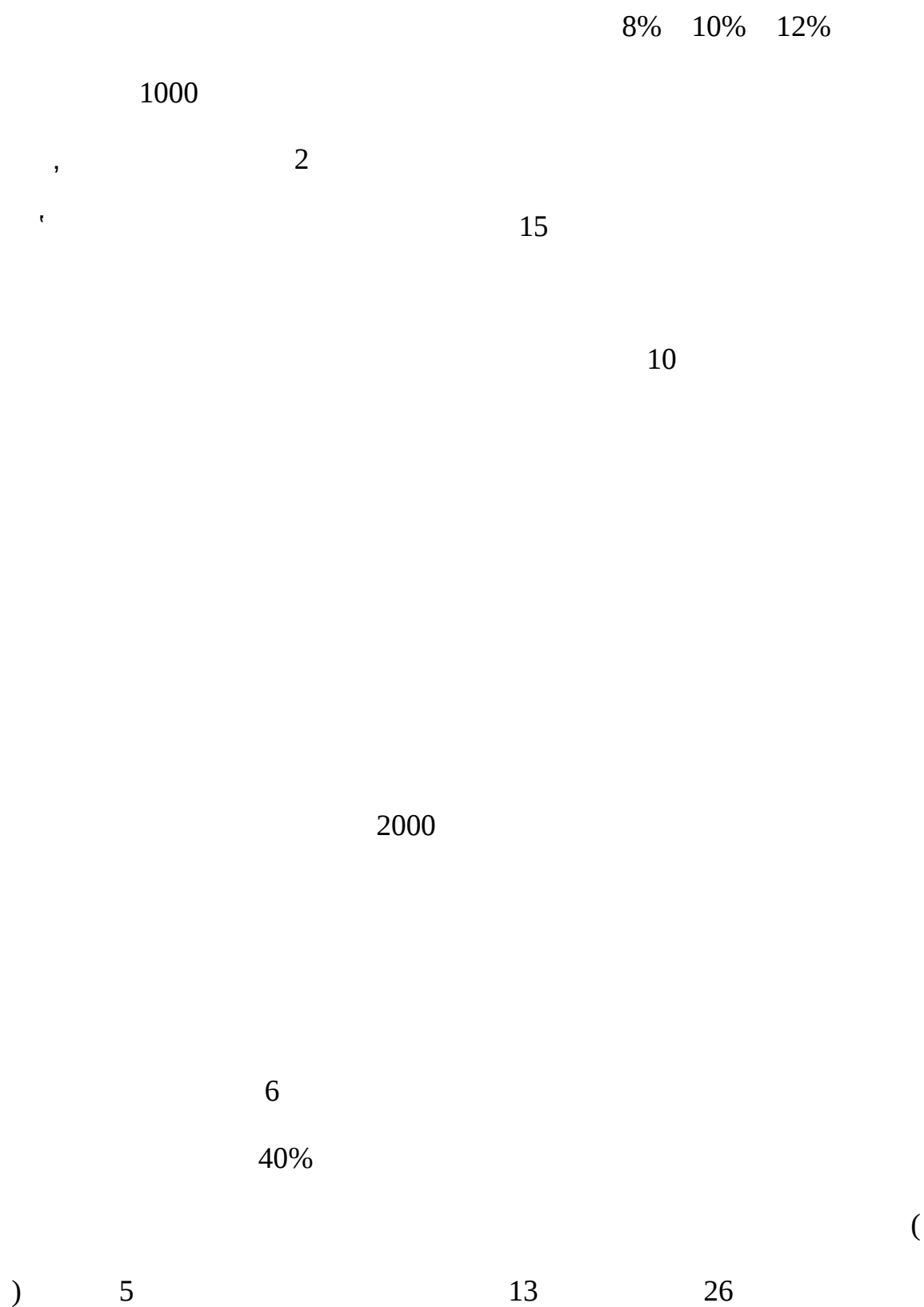
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<http://news.ehvacr.com/news/2015/0427/95149.html>

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R22

13525 /

9244.44 /

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2015

R22

80

R22

55.19

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(R32))

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HCFCs

2015

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(HCFC-142b)

(HCFC-124)

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274

HCFCS

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HCFC-141b

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(HFCs)

TCL

R290

(ITC)

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(HFC)

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HCFC-22

2015 11

(FECO)

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(HCFCs)

2015

(HCFC-22)

FECO

4 HCFC-22

<http://www.hvacinfo.com.cn/List.asp?C-1-19995.html>

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2016 2 16

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Miguel Arias Canete

90%

1%

F-

F-

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BUILD UP

<http://www.hvacinfo.com.cn/List.asp?C-1-20317.html>

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JGJ343— 2014 2015 3 1

5.3.2

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2014 9 1 539

CJJ/T223—2014 2015 3 1

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2014 7 31 505

JGJ/T347—2014 2015 4 1

2015 4

2014 7 31 507

CJJ200—2014 2015 4 1

1.0.5 4.2.6 11.1.3 14.9.11

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JGJ/T285—2014 2015

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JGJ/T346—2014 2015 6 1

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2014 9 29 568

JG/T448—2014

2015 4 1

<http://news.ehvacr.com/news/2015/0424/95143.html>

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HCFCs

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HCFCs

<http://news.ehvacr.com/news/2015/0427/95161.html>

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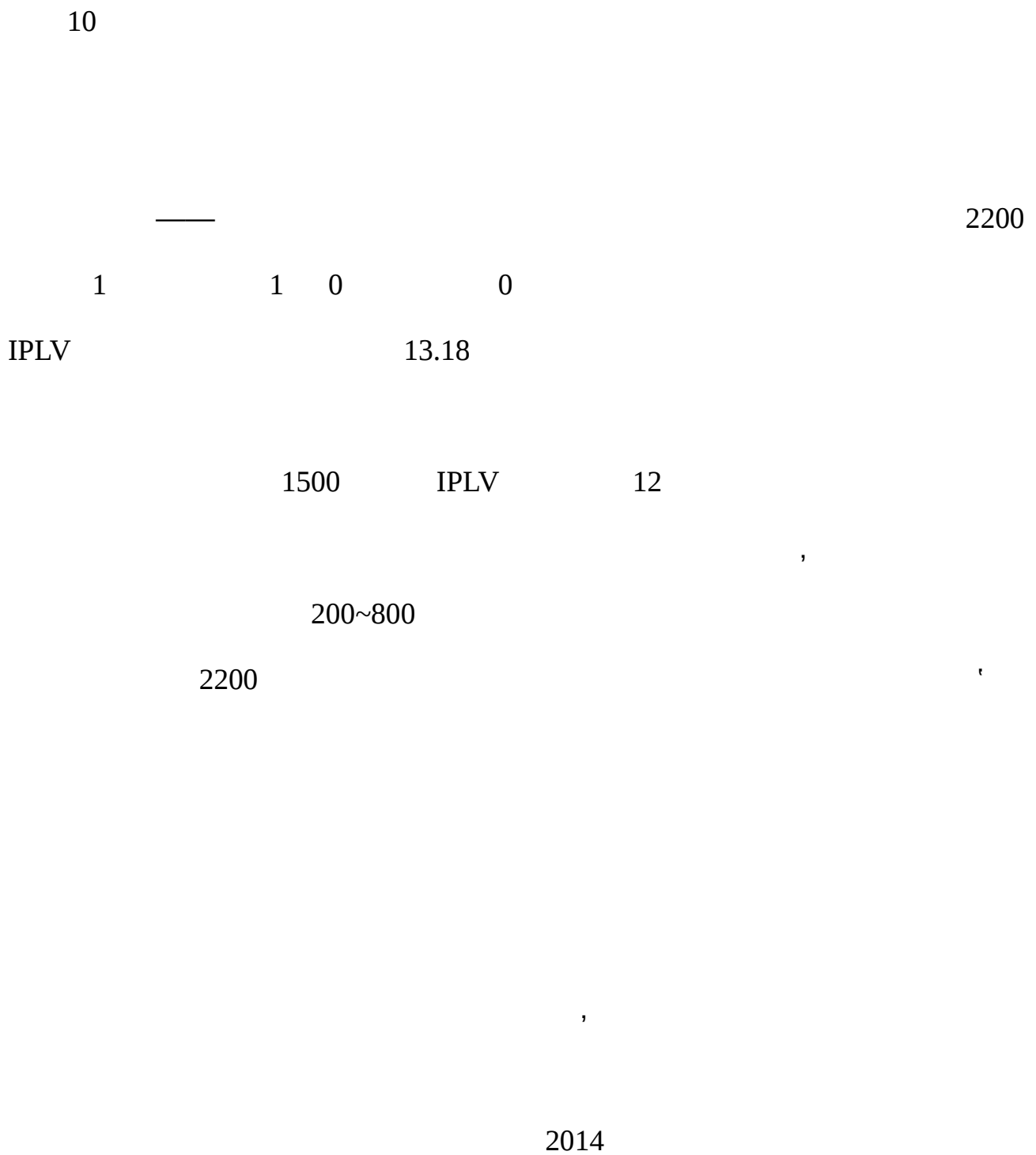
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GB/T18362 ()

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<http://news.ehvacr.com/news/2015/0420/95083.html>

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<http://news.ehvacr.com/news/2015/0331/94949.html>

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<http://news.ehvacr.com/news/2015/0323/94878.html>

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<http://news.ehvacr.com/news/2015/0326/94909.html>

12

1 27

Year	Value
2015	560
2018	1283
2014	4000
	1%

2016



2010

1

67%

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<http://www.hvacrinfo.com.cn/List.asp?C-1-20223.html>

13

2020

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2020

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<http://www.hvacrinfo.com.cn/List.asp?C-1-20403.html>

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<http://news.ehvacr.com/news/2016/0218/97872.html>

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R134a

R134a

R134a

COP 3.4W/W R134a

R134a

1.2

1.5%

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200L

2500kWh

(DemandResponse)

37%

82%

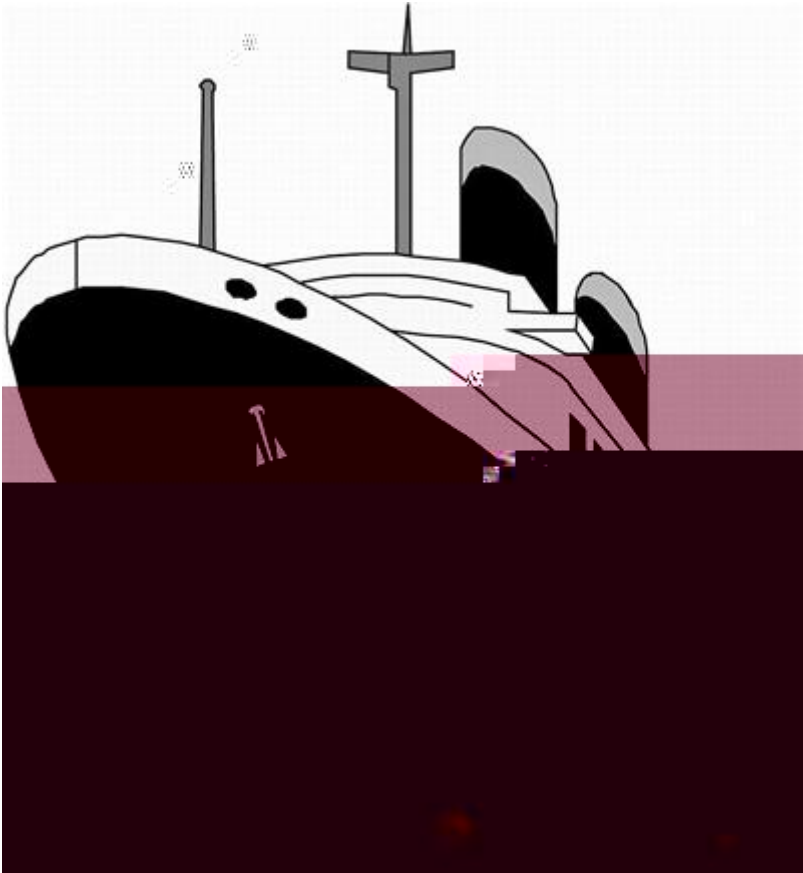
1/5

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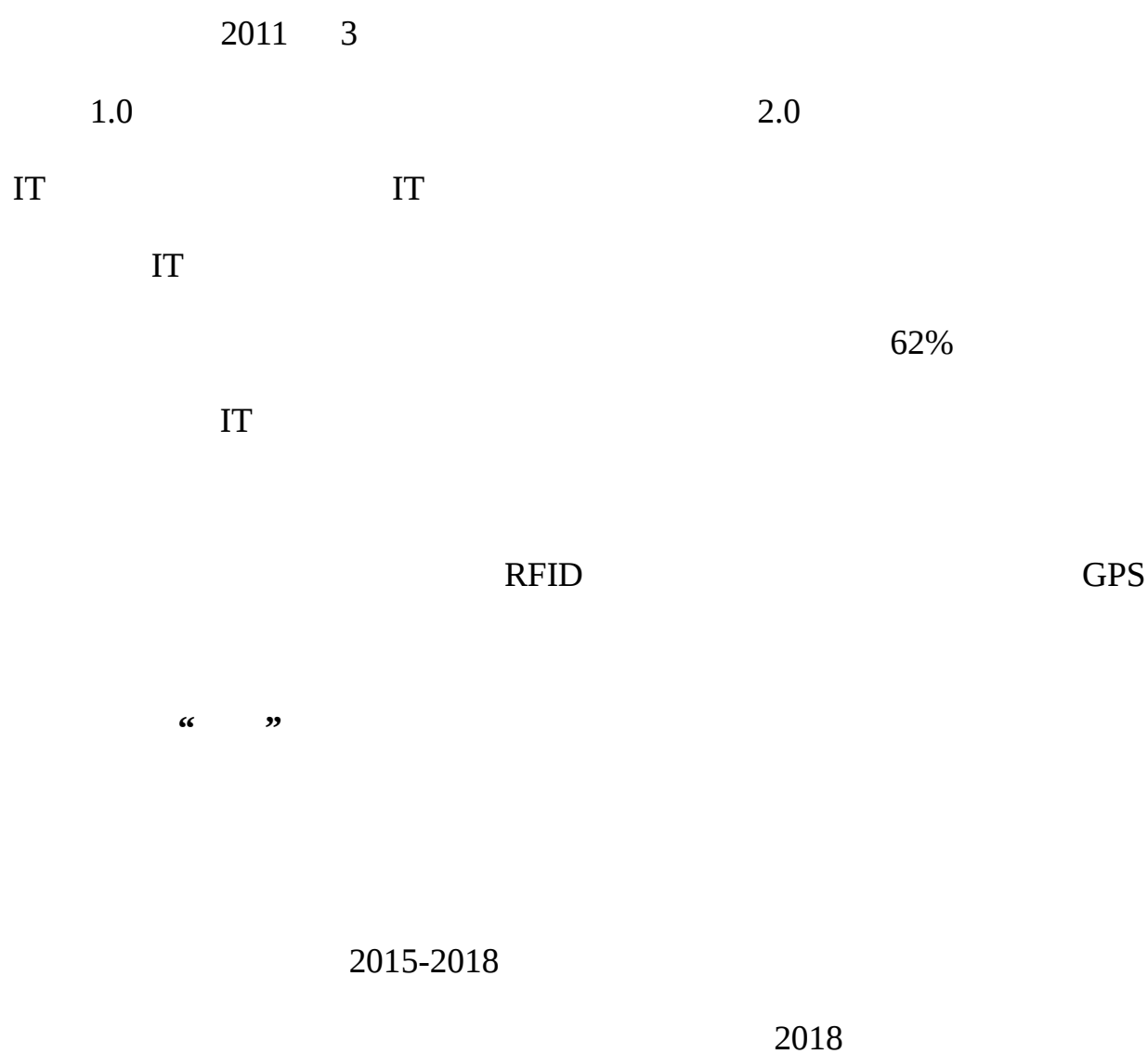
70%

10%

2015

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IBM



2015

CAD

TRIBON

PSPC

IBS

IBS

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IBS

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<http://www.compressor.cn/News/scdt/2016/0229/83168.html>

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<http://www.compressor.cn/News/hyqx/2016/0311/83362.html>

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<http://www.compressor.cn/News/hyqx/2016/0307/83285.html>

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JNP6123BEV

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<http://www.compressor.cn/News/hyqx/2016/0106/82401.html>

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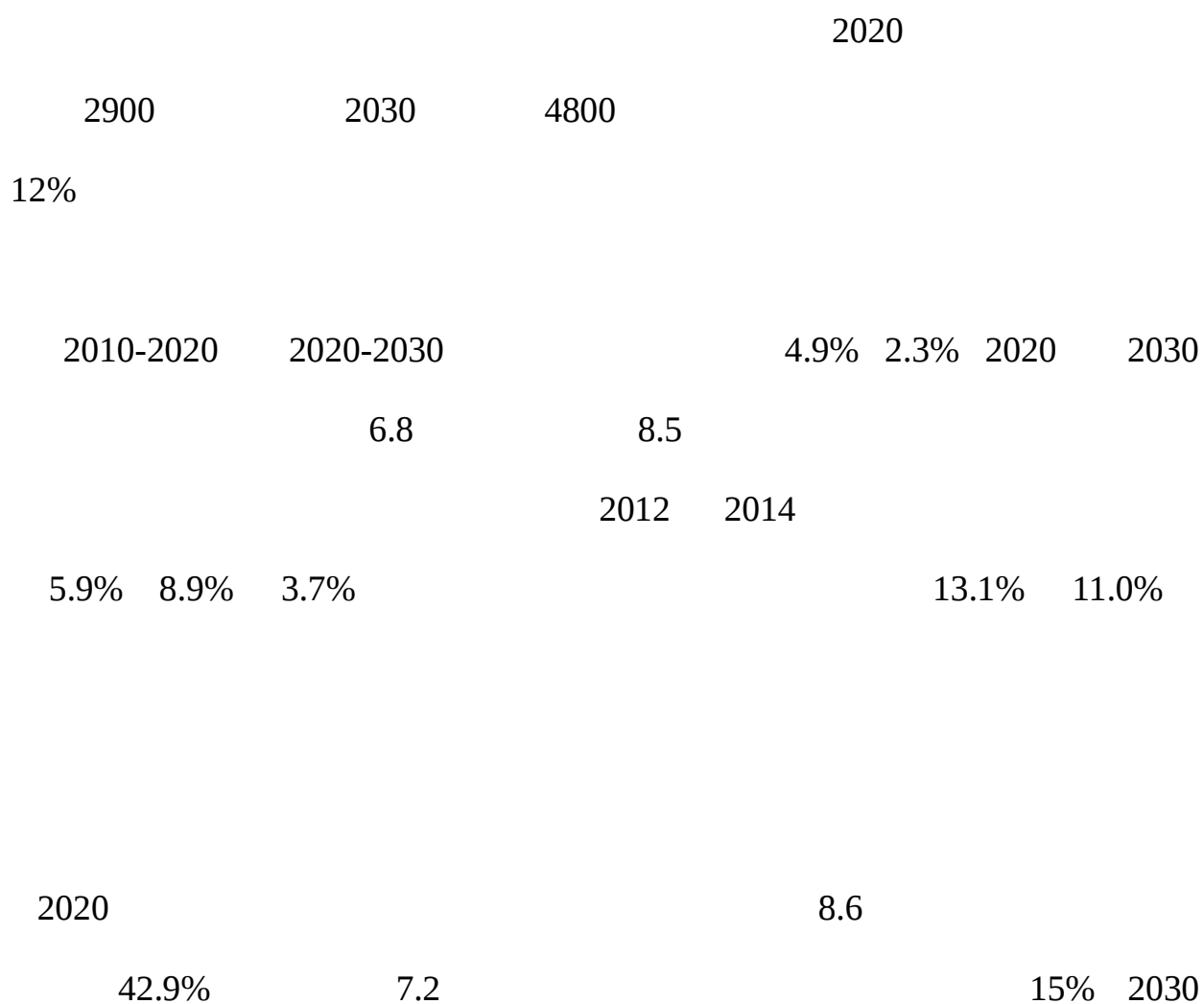
PC

<http://www.chinesevacuum.com/ShowArticle.aspx?id=52216&pid=39>

24

	3	1	2030	2020
2030		48	53	2016-2030
1.4%	2030		3.9	2014

	2020	2030		41	43	
2016	-2030	1.1%				1



	14.4		60%		11.7
	22%	2020-2030		90%	
	2020			3.8	
1.3	2030		4.5		1.45
		2030			2014
	18.8%	16.9%			
			2020		
5300		3800		2015	2.2
	5.6%	2030	(7.200, 0.29, 4.20%)		1.36
	10000	2020-2030	1.6		11.8%
2020		2.5			12.5% 2030
	4.5		18.8%		9000
	10.6%				
	2020		1.6	2014	5.4

	8%	2000	3%
2030		3.5	14.6%
	4200		5%

<http://www.chinesevacuum.com/ShowArticle.aspx?id=52067&pid=39>

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<http://www.chinesevacuum.com/ShowArticle.aspx?id=52055&pid=39>

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SOLAR WORLD

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28

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<http://www.chinesevacuum.com/ShowArticle.aspx?id=51816&pid=39>

27 2015

CSPPLAZA	2015			
2014	421.1MWe			
4940.1MWe	9.3%			
	160MW			2015
NOOR1	2015			
12	27			
				2015
	2015			100MW
KaXuSolarOne	2015	3	2	50MW

Bokpoort	2015	12		REIPPPP
50MW	Khi	Solar One	2016	
REIPPPP	100MW	Xina Solar One	100MW	Ilanga
CSP 1	REIPPPP	B	100MW	Kathu CSP
100MW	Redstone			
	110MW			
2015				
	2015			
2015		300kWth		
	863			
1.5MWth			800	
		10MW		10MW
		15MWe		
10MW				
	2015	4940MW		
2015				
	2016			
	2016~2017		2018	
2016	10MW		10MW	
		15MWe	20MWe	
	10MW			
2017	50MW			

2018 1GW

<http://www.chinesevacuum.com/ShowArticle.aspx?id=51803&pid=39>

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7435.66 2011 61% 4

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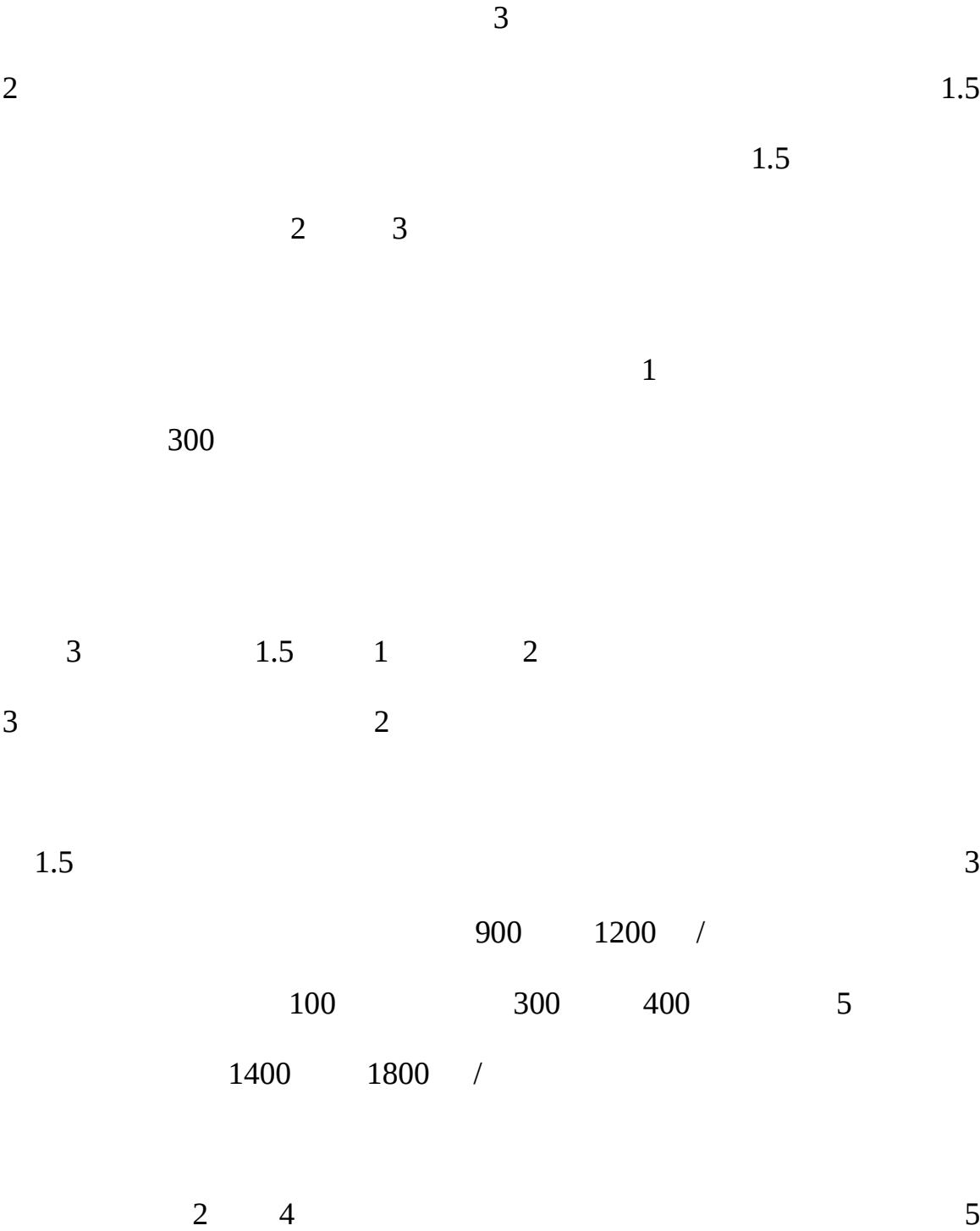
30%

2012

2012

1

20%





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900 1200 /

100 300 400 5

1400 1800 /

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2015 6 1

HCFCs

HCFCs

HCFCs

6					
2015					
			5		50
	50-100	100-200	200-400	400	
7					
2015	6	GB/T17791-2007			
8					
			2015	10	1
9		10			
2015		10			

10

2015

<http://www.hvacrinfo.com.cn/List.asp?C-1-20186.html>

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2015

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(2016-2020)

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2020

2015 09 29

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2015 8 19

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(2015-2020)

2015 5 25

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2015-2020 5

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2015 5

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2015 3 20

2015 2 1

<http://www.hvacrinfo.com.cn/list.asp?C-1-20205-2.Html>

4 2015

2015

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2015

		2015			2015
	1000		2626		99663
2014	28%		42%	100	1178
	26				

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2016	1	1
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<http://www.hvacrinfo.com.cn/List.asp?C-1-19716.html>

5

AirCompressor

表1 行业生命周期主要特征一览表				
	初创期	成长期	成熟期	衰退期
市场需求	狭小	快速增长	缓慢增长或停滞	缩小
竞争者	少数	数目增加	许多对手	数目减少
顾客	创新的顾客	市场大众	市场大众	延迟的买者
现金流量表	负的	适度的	高的	低的
投资风险	高风险	高风险	低风险	低风险

	1999	2000-2010	
	2011	1999	
2000			
	2011		
	7		
1.			
	SCAD		
2.			
	GHH	ROTORCOMP	TAMROTOR
	GHH	CF	
		2-3	

表2 空气压缩机行业及其主要子行业成熟度分析			
	容积型	动力型	热力型
空气压缩机分类	成熟	成熟	一般

2013

76

2014

244

3%

10%

2015

2016

1

2

1

20%

1 2

2

70%

<http://www.compressor.cn/magazinearticle/2016/0225/83104.html>

6

12 16

WTO

1

b2c

2

2013

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/

2013

40

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<http://news.ehvacr.com/news/2015/0423/95125.html>

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ZW

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<http://www.chinahvacr.com/hyzxnews/show.php?itemid=3132015>

3 , , ,

1 23 AHRI CEO Stephen Yurek
COO John Lanier

AHRI

AHRI

AHRI EnergyStar
AHRI
AHRI

AHRI

AHRI

AHRI

AHRI

<http://www.chinahvacr.com/hyzxnews/show.php?itemid=3131856>

4

—— (AHR EXPO)

100

10

2011

2012

SRM

SRM

OPCON

2014

OPCON

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3000
6
140
，

<http://www.chinahvacr.com/hyzxnews/show.php?itemid=3131857>

5

500

, + ' 40% 30%

30%

70%

2015

1

2020

10

2009

24%

Microstaq

MEMS

Microlux

MEMS

2015

20-30

2016

100

2016

500

9000

6000

24

<http://bbsscl.compressor.cn/News/qyzc/2016/0108/82462.html>

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ZL201320303178.4

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2016 3 17

<http://www.compressor.cn/News/qyzc/2016/0318/83532.html>

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<http://www.compressor.cn/News/qyzc/2016/0122/82654.html>

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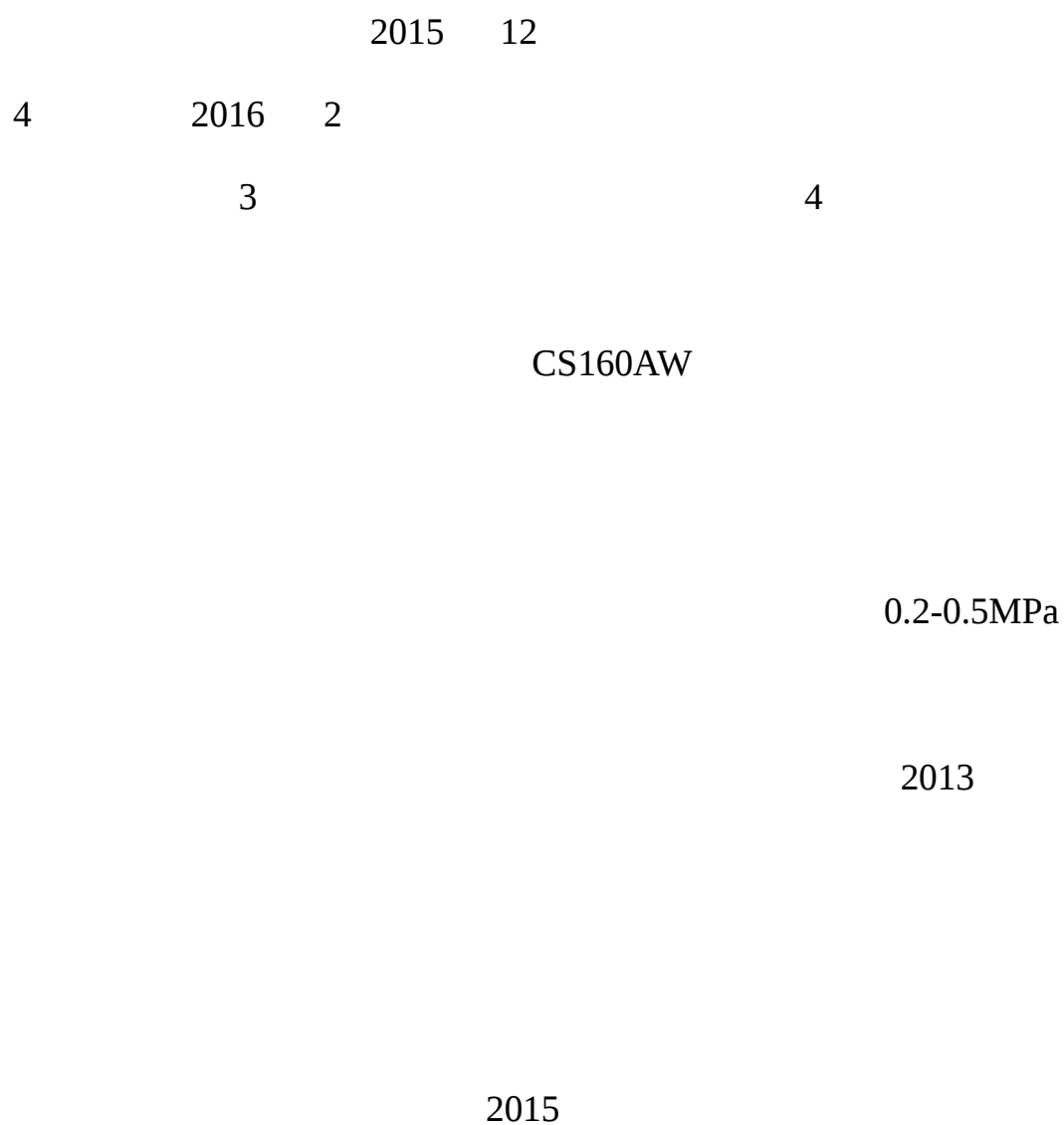
*

		766	10000
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<http://www.compressor.cn/News/qyzc/2016/0309/83328.html>

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2015



2016

<http://www.compressor.cn/News/qyzc/2016/0316/83473.html>

11

OGFDS

OGFDS

1200

OGFDS

1200

<http://www.compressor.cn/News/qyzc/2016/0302/83216.html>

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836517

<http://www.compressor.cn/News/qyzc/2016/0228/83153.html>

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2015 1-10 2014 2013

5560.64 6175.71 5377.44 ; 408.69 185.23

-269.04

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<http://www.compressor.cn/News/qyzc/2016/0214/82943.html>

14

2016

30%~40%

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<http://www.compressor.cn/News/qyzc/2016/0225/83083.html>

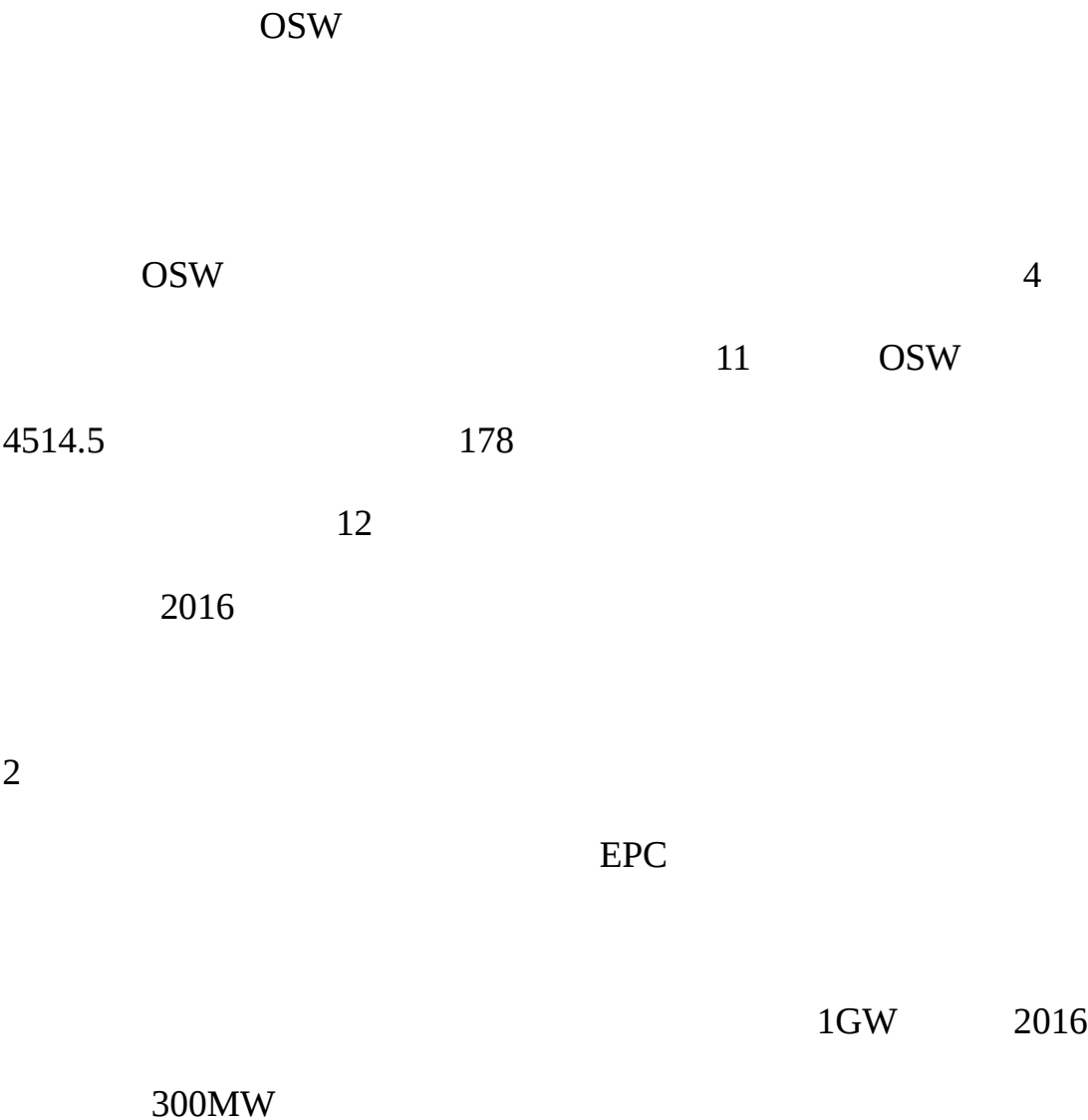
15

3	15	969	4749
ONE STOP WAREHOUSE PTY LTD 51%		OSW	

986.07%

2 27

	2015	81	200.8%
6.44		6.25	



http://www.semi.org.cn/pv/news_show.aspx?ID=17739&classid=12

John Munck

Andries Desiron Mark S. Taylor Glenn Vinck Joeri

Coeckelbergs Jens Boeckx Werner De Bruyn

(GHS VSD+) 2015

Ronnie Leten

Peter Wallenberg

Tomas Lundin Tylong Li Stephen Chen Lancer Chen

John Munck 1991

Peter Wallenberg

1996

2016 4 26

<http://www.comvac.cn/qydt/qykx/2016/0229/50407.html>

17

2015

2015

2015

4.515

4.066

11%

6080

2015

4470

13.5% 2015

11%

2015

4.569

2014

4.049

2015

1.01,2014

1.00 2015

6470

2014

5930

CEO Manfred Bender

125

3

2016

2016 3 23

<http://www.comvac.cn/qydt/qyqx/2016/0307/50435.html>

18

QSV

QSV

QSV205-110 5.5-37kW

50%

QSV

QSV

QSV

QSV

VSD

QSV

50%

QSV

QSV Airlogic®

<http://www.comvac.cn/qydt/qyqx/2016/0106/50221.html>

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2016-02-03

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002158

2015 1-12

8.9

10.12%

-5.13%

8.75%

1.58

13.65%

-4.68%

36.66%

88,960.37

10.12%

17,714.88

15.14%

15,831.25

13.65%

19.16%

9.41%

<http://mt.sohu.com/20160202/n436688039.shtml>

2

2012 8

2015

2015

2016-02-29



2012 8

2015

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2016 3 3

<http://cxjs.newscn.com/a/2016-02-29/327697.html>