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021-51365368

1.

2. 2017

3. HCFC

HCFC

4.

5. 2016

6.

7. 2017

8. 2017

9.

10. 2017

11.

12. 200

13. 2017

14. 2017

15. 2017

16.

17.

18. 2017

19.

20. 3 2017

21. 2017

22.

23.

24. 2016 FCV 225%

25.

26.

27. 2

28. 4 2017

29.

30.

31.

32. SEMI 2016 412

33.

34.

35.

1. 2016

2.

3.

4. 2017

5. 23%

6.

7.

8.

9. 2016 6

1.

2.

3.

4.

5.

6. shecco

7. UL

8.

- 9. .
- 10. .
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18. Busch
- 19.
- 20. 2017 1 5
- 21. 10 10
- 22. 510
- 23. 3nm
- 24.
- 25. MIP
- 26. 2
- 27.
- 28. 80 5
- 29.
- 30. 2.45

31. 10Gw

1. ---

2.

3.

4. ---

5.

6. -- : 10%

7. 1.67 6.27%

8. ----Seafarer Capital

9.

10. 20

11. 2016 2017

12. 21 603066 002158

13.

14. 002158 ---

1

2016

!

!

2016

2017

<http://news.ehvacr.com/news/2017/0119/100262.html>

2 2017

2016

2017

HFCs

2036

HFC

85%

Florian Veysilier

· (Philip Owen)

CARB (CARB) HFC
 (SLCP) HFCs
 2030
 HFC 2013 40%
 SLCP 2017 3 CARB
 (SB)1383 2016 8 31 CARB 2018
 1 1 2018 2019
 2036
 85% HFC HFCs;
 HFCs ; HCFC
 HFC 2018 1

2036 HFC 85%

2017 F-Gas

/ F-gas

2016 8732

2014 58% 2014

418

F-Gas

HFC 2015 37%

Florian Veyssilier

?

1 20 .

(HFC)

EPA

(EPA) .

Lowell Randel

HFC

() ()

(HFC)

?

ETS

11 30

2030 1990 40%

30%

() () ()

2017

2030 40%

(ETS)

ETS

2021 2.2% 1.74%

2020 2030 5.56

HFC

LIFE

GWP

HFCs

ODS

HCFCs

HCFCs

3M

HCFC

ODS

HCFC

HCFC

ODS

50

9 16

HCFC

HCFC

HCFC

HCFC

HCFC

2016

HCFC

77

HCFC

HCFC

HCFC

2020

35%

2025

67.5%

HCFC

<http://news.ehvacr.com/news/2017/0315/100579.html>

4

	2	7			R22		
1000			10500	11500		R32	
			800	1300	12800		13800

<http://news.ehvacr.com/news/2017/0210/100342.html>

5 2016

2016

20

2016

2016

?

1

1

22:00

6:00

21:00

6:00

2

2015

2017

10 1

2015 5 1

3 43 8600

9 14

GB19577 2004

COP

COP

IPLV

7

7 1

GB/T18837-2015

()

APF

APF

9 GB/T 18801-2015

2016 3

2015 9

GB/T18801-2015

2016 3 1

()

(CADR)

(

CCM)

4

10

2016 5 27

2 0 2 5

11

2016 1 14

-

55

12

95

95

<http://news.ehvacr.com/news/2017/0214/100371.html>

6

20

40%

40%

25 30

50% 65%

2005 53% 2009 99% 21% 90%

()

50%

10%

40%

2009 10 900

;

1800

5 10

10 20

9

9

1.8GJ/(m2a)

1.25GJ/(m2a) 43.3%

700

2009

18

1600

2 3

60-70%

1.5

30%

()

6000-8000

300

<http://news.ehvacr.com/news/2017/0221/100419.html>

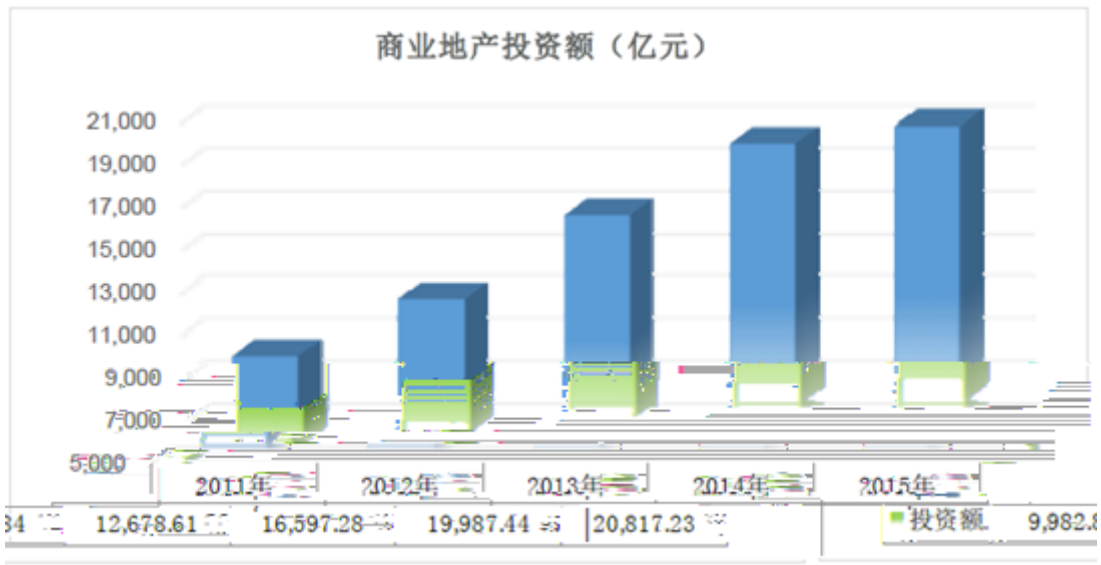
7 2017

1

2005 43.00% 2015 56.10%
 70%-80%
 2020
 2025 61% 65%

1

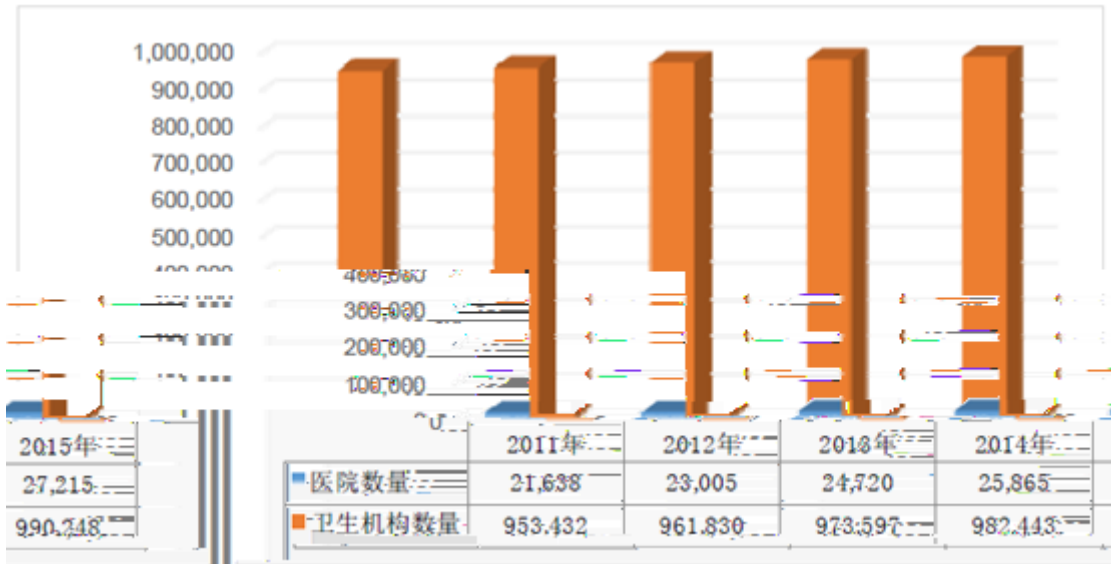
2015
 2.08 4.15%



2

1

		2015	
990,248	27,215	2014	
7,805	1,350		



2013

2

2014

22

3,173

300

3,000

2016~2018

103

2,000

3

2015

49,868

21,966

2015

2,956

3,136

2014

196

26

2

1

GMP

					2014
				23,200.28	15.26% 2014
			5,191.93		
2					
					2014-2020
				2020	5,800
		3,000			
2016	9	30			

	20-28		45%	
				2015
		70,713.5		5.0%
3,860.4		5.4%	2015	500
	11,913.2		15.0%	
		16,149		18.3%
3				
	2016			
	2016	2	26	
		2016		
		410	15	2017
		2020		
	2016			

COP

80%

4

20

90

15-20

<http://news.ehvacr.com/news/2017/0320/100614.html>

8

2017

2017

2017

国家能源局
National Energy Administration

请输入关键字

首页 信息公开 领导活动 新闻中心 能源要闻 在线办事

您当前的位置: 首页 > 正文

目录项的基本信息

公开事项名称: 国家能源局关于印发2017年能源工作指导意见的通知
索引号: 000019785/2017-00016 主办单位: 国家能源局
制发日期: 2017-02-10

国家能源局文件

国能规划〔2017〕46号

国家能源局关于印发2017年 能源工作指导意见的通知

6000

44

36.7

5.0%

6000

2017-2020

<http://news.ehvacr.com/news/2017/0221/100417.html>

9

2 4

()

() 11
() 7 1400
4 800
500MW 400
2600
2020 () 16
530MW
30MW
2016 12 21
()
2.5 39%
60000MW 5000 ;
80000MW 7000 ; 70000MW
1
3000
2014 27.28 MW
1/200 18
100MW
400MW

11 830MW

2015 1.02

() 3.92 80%

(5.950,0.00,0.00%) (

) 20

() 1 0.5 MW

2016 11 11 4000

<http://news.ehvacr.com/news/2017/0302/100483.html>

10 2017

2016 18

2017 18

2017

2017

1 19

LNG

2 9

PM2.5

6%

8%

210

2017

600

10

18

()

10

10

80%

2017

8000

100

20

2017 10

2016

2017

(

)

2017

	338.45	2016	275.61	22.8%
2017	172.18	2016		12%
		2020		
		1		
70%				6
	250			7%
	2017			
			2017	2016
	2016			

2020

9300

2015

17%

2020

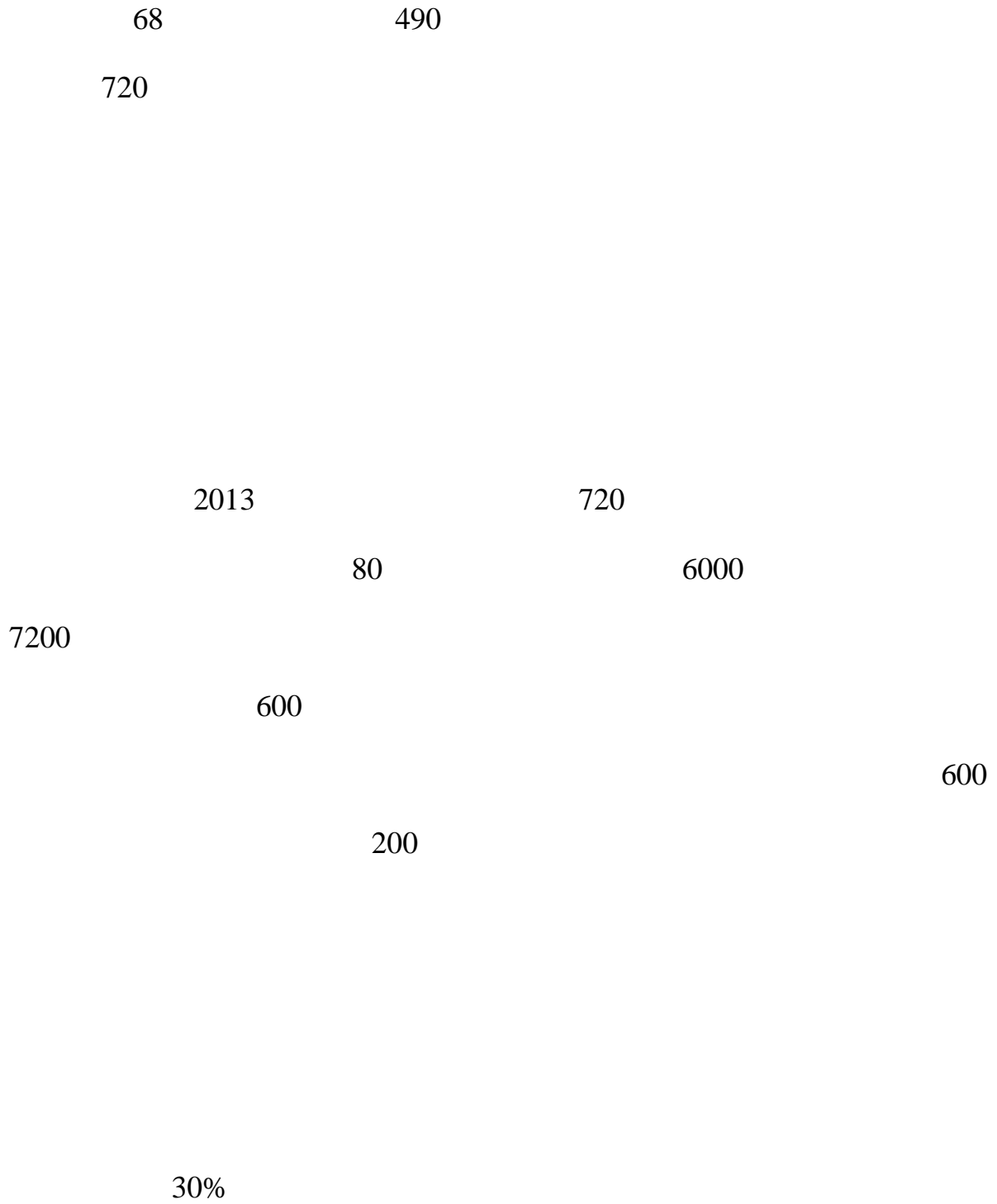
200

2020

4130

100%





13 2017

2016

2016 2200 22.3% 2016
305 4015 (10037)
8.2%

2016

2.2 11.5 2015 23.6%

GB1589

2017

14 2017

1.

2016 10 10

LNG

LNG

,

2.

2016-2018

2016-2018

2018

3

2016-2020

11 21

2016-2020

2017

2016 12 1

2017

2014-2017

2015-2017

2015-2017

2017

300-500

10 ;

500-800

6 ;

300

9 ;

200-1000

7 ;

30%

5

;

;

300

6 ;

500

;

<http://news.ehvacr.com/news/2017/0315/100573.html>

16

,

,

,

,

,

<http://www.chinaiol.com/cold/r/0308/25179562.html>

IE		IE1	IE2	IE3
IE4				IE3
		IE4		
2010	IE3		150	
7.5	375		IE3	+
2012	9		GB18613-2012	
		IE2	IE3	2015
2016				
		2010		
			2013	
			2014	10
2014				
		2017	1	23
				7
[2017]6				
				2010

2017 3 1

2017 4 1

.doc

2017 1 23

10%

50%

<http://www.compressor.cn/News/hyqx/2017/0209/92707.html>

18

;

2017

1.5

1000

2013

;

0.93:1

0.67:1

<http://www.cm188.com/news/22072.html>

PC

APP

AI

COPY

DCS

21

2017

2017

147

18

29

18

26

11

20

22

3

2017

2016 9

2017

2016 10

131.7

67

639

8

2017

2017

3

147

2017

<http://www.compressor.cn/News/hyqx/2017/0110/91911.html>

<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=106&id=7030>

22

6

90%

10

200 8 ~10

8 ~12

15

3 5

6S MRP

2

2025

6

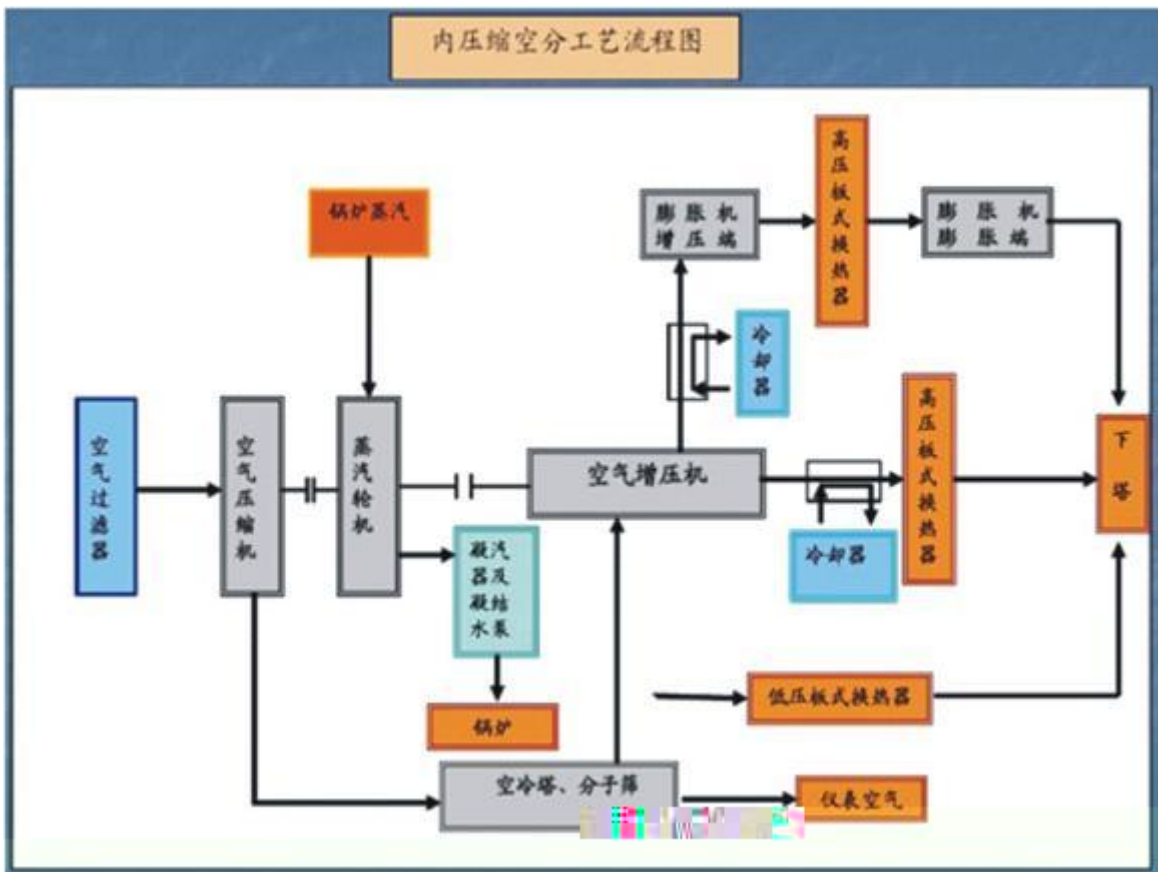
3

n

n

20 22

4



<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=106&id=7031>

24 2016 FCV 225%

evsales
()2016 2312
2009
2019
100000



2016

3

Mirai 2016

2039

2015

498

85% 2017

10000

2014 12 14

Mirai 723

483

1500

Mirai

2020

3

ix35/Tucson FCEV 2016

160

2015

213

Evsales 2017

Mirai Clarity

2014

FuelCell

426

MODEL S MODEL X

FuelCell

(ix35)

/ix35 2018

30% 554

5 (34.75)

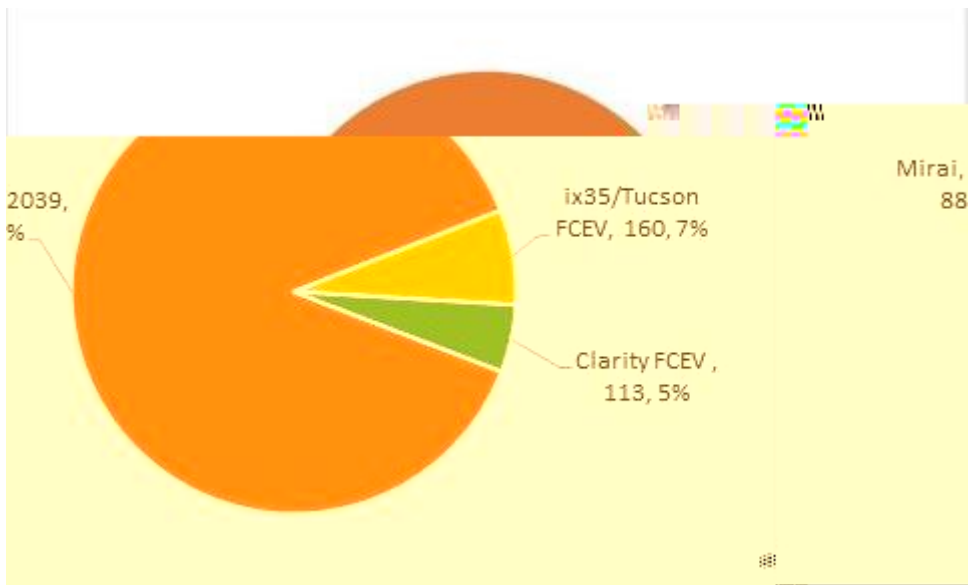
ix

2017 130
 10
 2018

Clarity FCEV 113 2017
 2000
 2016 3 Clarity Fuel Cell 766 (44
) 589 12 Clarity
 369 36

50:50

2020



2016

2016

Mirai	88%	ix35/Tucson FCEV	7%	Clarity FCEV	5%
					2016
	2312	2016		(774384)	0.3%

<http://china-hydrogen.org/fuelcell/mix/2017-02-17/5913.html>

25

Isondo Precious Metals

12

Isondo

Chemours Technologies

Isondo

1.2

900

David Hart 2030 160

<http://china-hydrogen.org/fuelcell/mix/2017-03-13/5991.html>

26

2 21

5

e.m.t GmbH

2017 5

<http://china-hydrogen.org/fuelcell/mix/2017-03-06/5970.html>

27 2

2

3 7 2

414 125 69.29% 89.42% 1 6

0

3 7

2017

1 6889 5682

69.1% 74.4% 1 35 15 0

e5 IEV

2

	14.71%				
	1.6L				2
SUV	50.58%	12738			
	484.33%	1268		97.64%	6028
	3	7			
	1-2	48.08		48.74	
52.77	2		812		
	()		17422	
11.3%	1-2		42.75%		
41.82%					
				1~2	
	16.87		12.6%	H2S	SUV
		1-2	29.46%	27.38	42.10%
28.24					
		2017		19.16	
105%		1-2	20.53%		12.31%
		2			
1			237	252	
	1	3.9%		0.2%	
1		11.3%(30)		

2

1

61.5%

2016 12

42.9%

50%

2

5.1%

66.6%

1

1

2

3

<http://www.dlev.com/49744.html>

28

4

2017

2017

()

2017

2016

20%

50%

2016

EU260

2016

11

2017

6.6

4.4

2017

EU260

4.4

()

EU260

2015

11

2016

50

1

500

6

2016 5.1
153.4%

e-Motion drive

EV EU EX 2017 EC180

E 10

<http://www.d1ev.com/48287.html>

29

3 12

0.027 /
0.019 /

2020 105GW
105GW(2016 33GW 77GW)
7GW

2020
150GW

10%

5%

<http://news.ehvacr.com/news/2017/0313/100554.html>

30

2017

2016

2015

2016

2016

7

7.5GWh

2020

50GWh

300

2015

2016

800

1000

2017

2

200

2017

60%

IPO

<http://libattery.ofweek.com/2017-03/ART-36005-8470-30114605.html>

31

4

() 2017

6 30

?

2016 3454 ;

424 200% 8

50%

2017

2016

;

2020

100

2016

13.3%

1 ~1.5

(2016) () 2017

(12.6)

(5.5)

(4.81)

(10)

20

6

2017

20

2020

2016

0.42 /

2016

70 / ;

1.4 ;

0.5 /

7.3 /

0.65 /

2017

PERC

N

2017

2.9 /

0.3 /

2017

6.9 /

2020 5.7 /

2020 5 /

2009~2014

5 ~10

2017

2017

2017

http://solar.ofweek.com/2017-03/ART-260009-8470-30115836_2.html

32 SEMI 2016 412
SEMI 2017 3 13 2016
412.4 13 2016
2015 24
SEMI SEAJ
WWSEMS

	2016	2015	% Change
Taiwan	12.23	9.64	27%
South Korea	7.69	7.47	3%
China	6.46	4.90	32%
Japan	4.63	5.49	-16%

http://www.semi.org.cn/news/news_show.aspx?ID=48603&classid=117

33

WWSEMS 2016
412 4 2015 13
122 3

27

SEMI 2016
412 4 2015 13
2016 2015 365 3

2016

2018

1990

http://www.semi.org.cn/news/news_show.aspx?ID=48634&classid=117

34

Intel

600

SEMICONChina

3 16

MentorGraphic

NXP NVIDIA

RussellLee

30

RussellLee

Dr.PatrickLeinenbach

90%

ADAS

10 \$10T

CES

EV

Autonomous

IC CAGR 7%

MasashigeTada

IGBT

IGBT

http://www.semi.org.cn/news/news_show.aspx?ID=48642&classid=117

1

2016

2015

2016

2016

2016

“ ”

2016

2016 4.89

10%

20%

2016

图表： 2014-2016 年吸收式冷水机组产品冷量分布格局（按销售额）



2016

500RT

90%

1000RT

500-1000RT

2015

2016

2016

2016

【内销市场.派系分布】美系品牌占比继续增长

2016年美系品牌依旧是冷水机组行业的主导，占比与2015年相比增长了0.71个百分点。欧美品牌多以离心式冷水机组和螺杆式冷水机组为拳头产品，而这些产品往往对应的是机场、学校或大型交通枢纽等场所，此类工程项目多以民生类基础设施建设为主，市场需求相对稳定，加之随着美系品牌战略的调整，逐渐提升了产品性价比，使得市场接受程度也有所提高。

图表：2014-2016年大型冷水机组品牌阵营内销格局

单位：%



【外销市场.产品格局】国际经济形势低迷，外销市场冷清

2016年，全球经济增长率只有2.5%，持续多年低速发展，疲弱的经济环境，导致工程项目减少或停工，从而影响了冷水机组的出口量。即便离心式冷水机组和涡旋/活塞式冷水机组2016年出口额略有增长，但与2014年相比仍然存在一定差距。

图表：2014-2016年大型冷水机组产品外销格局

(按出口额)

单位：亿元

图表：2014-2016年大型冷水机组产品外销格局

(按占比)

单位：%



2

2017 3 1

2010

2015	24	3.5
5.55		65%
2.9		

CEMEP

eff1 eff2 eff3

2003-2006

IEC60034-30

IE1

eff2

IE2

eff1 IE3 IE4

2011 7 1 IE2

20%

30%

20% 30%

80%

2010 6 2

15-40 12

40-60

2012 GB18613-2012

2013 2013-2015

2015 1.7 1.6

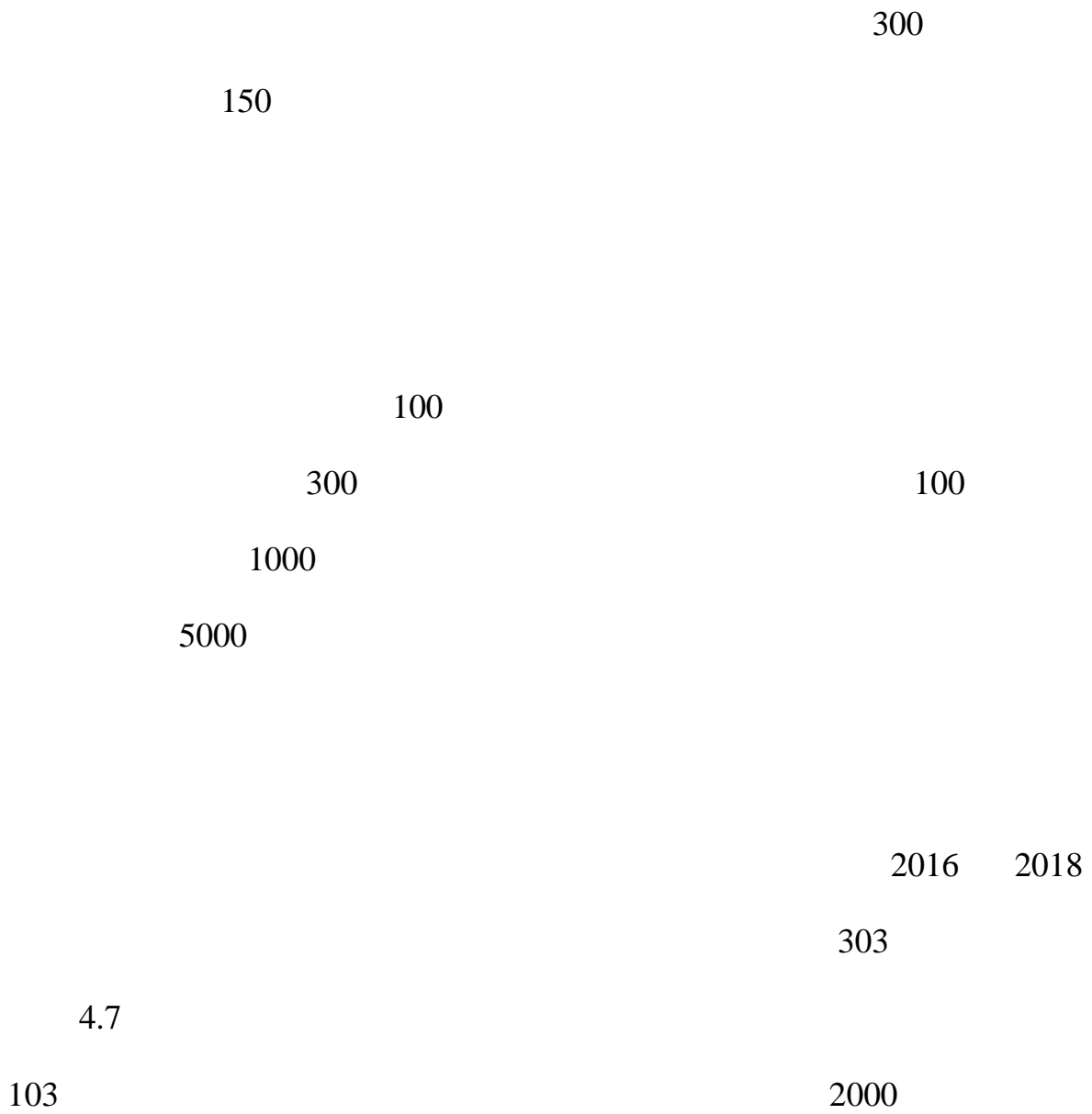
1

2000

1 23

<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7024>

3



1.6

GDP

1

GDP

2.63

8000

4 8

4500

1.8

3.6

GDP

4.7

9.5

2015 7

7300

22

2764

500

39

2020

50

7000

4.3

68

2015

2017

2020

60%

3

90

31

2011

2020

6560

2020

7395

2010

2015

250

2020

(2006-2020)

/

187

<http://news.ehvacr.com/news/2017/0303/100491.html>

4 2017

2017

1					
2014	0.058	/		0.357	/
2014	7.6		15	25	
		5%	25%		
		95%			
2					
2015				30%	50%
65%	15%	8%	10%		
3					
2014	930			10.5%;	
30	2014	1531		17.3%	

1

2010-2015

2010

748

25.9%;2015

1194

14.1%

2010-2015

2010

1371

2015

1780 ;

2010-2015

2014

1.0%

2

1)

2015

33301

17675

5%

7-Eleven

18 572

5

2)

;

;

2014

225

3

2017

1000

2018

1500

2017-2022

2014

11200

2013

22%

2014

3320

8300

2013 2411 36.9% 21
2014 60

25% 30% 1/4
5%

<http://news.ehvacr.com/news/2017/0313/100556.html>

5

23%

12

2015 15% 8% 5% 2020

30% 13% 8%

2020

2015

15%

50

2020 58%
55% 15%
10%

2020
2015 18%

CNG/LNG

2020
1000

1.5

3

2020

2015

450

18.9

2020

/

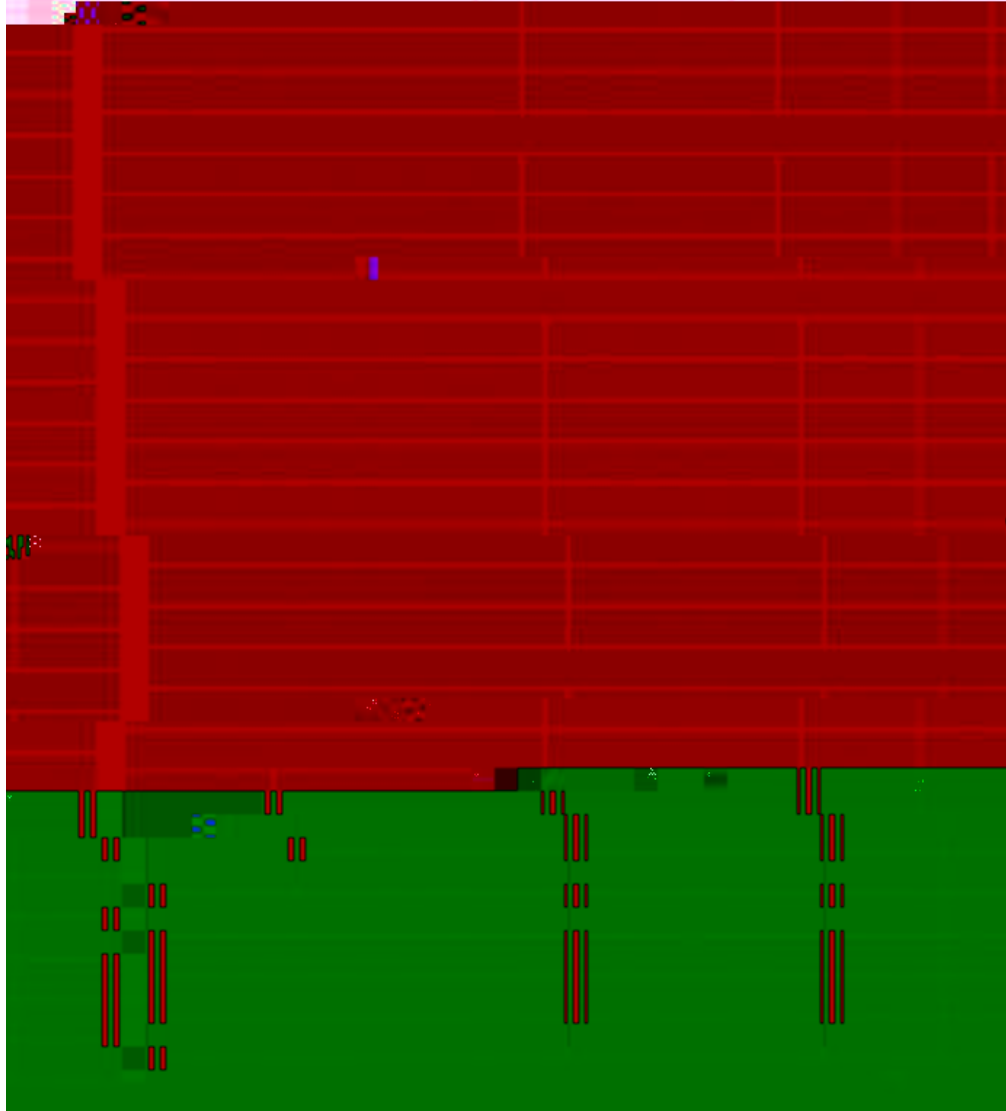
2017

2017

附件2

“十三五”主要行业和部门节能指标

指标	单位	2015年 实际值	2020年	
			目标值	变化量 /变化率
工业：				
单位工业增加值（规模以上）能耗				[-1.8%
火电供电煤耗	克标准煤/千瓦时	315	306	-9
吨钢综合能耗	千克标准煤	177	150	-14



<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7026>

3.1

3.1.11

5

5.1

5.1.3

CO2

5.1.6

MEA

DC/DC

7

7.1

7.1.2

1 2

7.1.4

7.1.5

1 2

-

<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7023>

7

2015

1.

2015 56.0 3%

52% 2014

39



2012-2015

2.

PACK

3500W/kg

180-200Wh/kg

8000

2012

5

/Wh

2.5

/Wh

7

27

3 /

4.

2015

4.3 /

12.3 /

3

2016

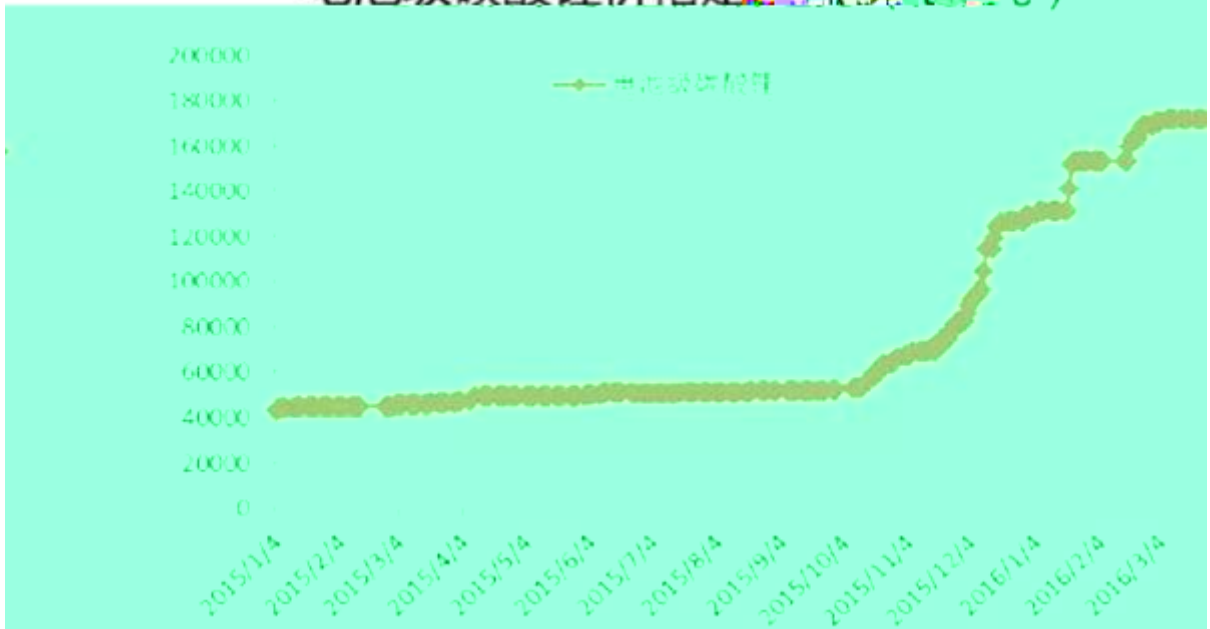
6

15.5-16.5 /

16.5-17 /

18 /

电池级碳酸锂价格走势(单位:元/吨)



5.

2016

2015

2015 3

2016 4 29

GB/T

31484-2015 GB/T 31485-2015 GB/T 31486-2015

2016

2015

3

2025

2025

400Wh/kg

0.8 /Wh

1 /Wh

1.

2015

2016

54

1160

2015

30GWh

70GWh

2018

100GWh

2015

10

75.3%

121

20

2.

2016 4 29

5.

80%

50%

20%

6.

2010

49

2015

14

2016

1-7

15

2015

0.17

49

50%

7.

2016

1.

2.

3.

4.

5.

6.

7.

2015

http://libattery.ofweek.com/2017-03/ART-36000-8470-30112797_6.html

8

PV(photovoltaic) 76%

;

;

+

IT

10

2011

0.42

2016

18

2017 7 2

2.1MW

2.1MW

3738

261.01 kWh

886t

1933.12t

13.10t

550

282.72kW

2017 9 1

1

PM2.5

2

2016

17.94 24.43 ; 12

350 kW 3%; 750 kW 15%

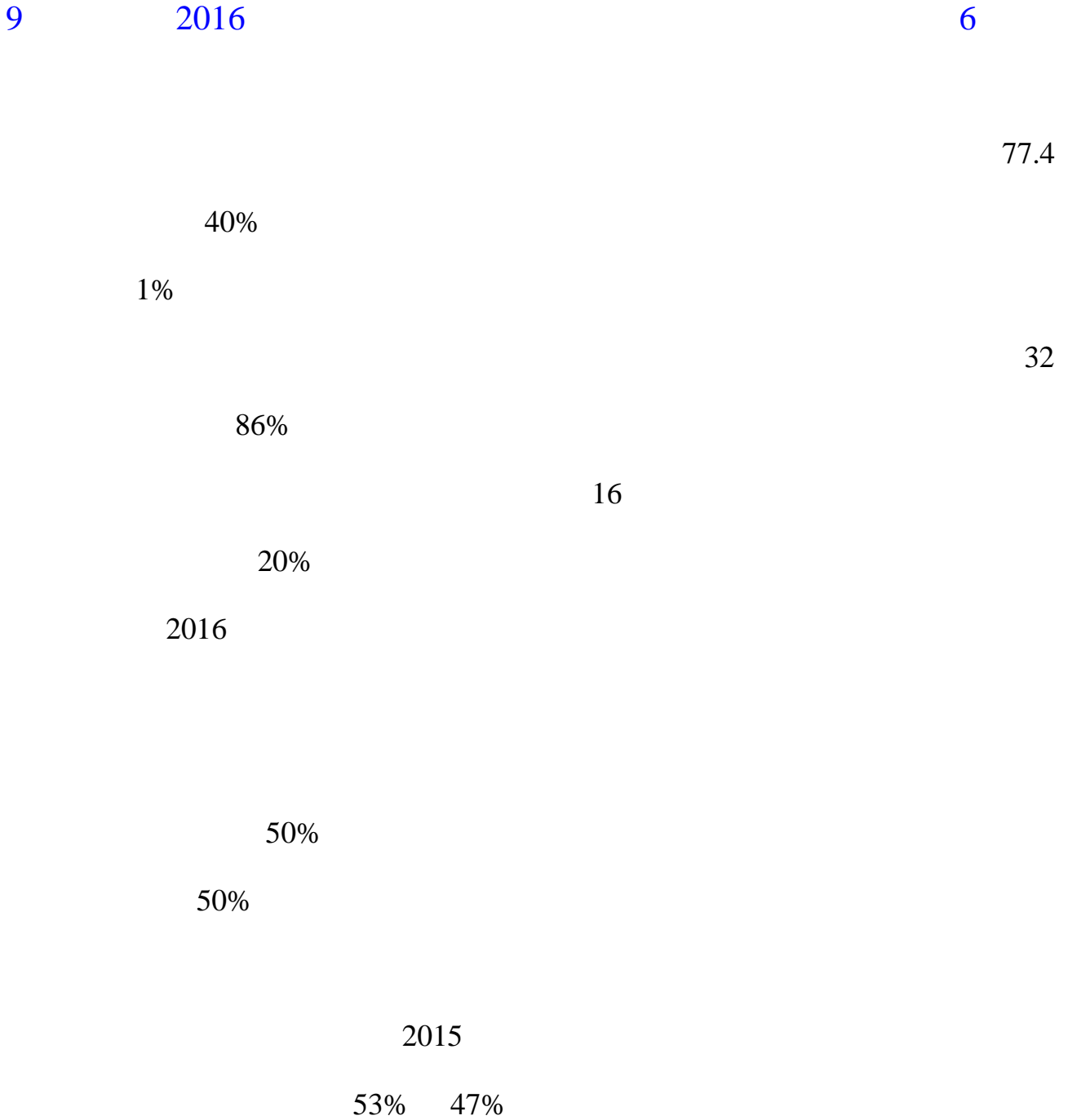
3

50%

100kW

4

http://solar.ofweek.com/2017-03/ART-260009-8470-30116110_2.html



62%

10

10

2020

2016

2016

2016

2016

32

86%

2015

2016

12

43214

15

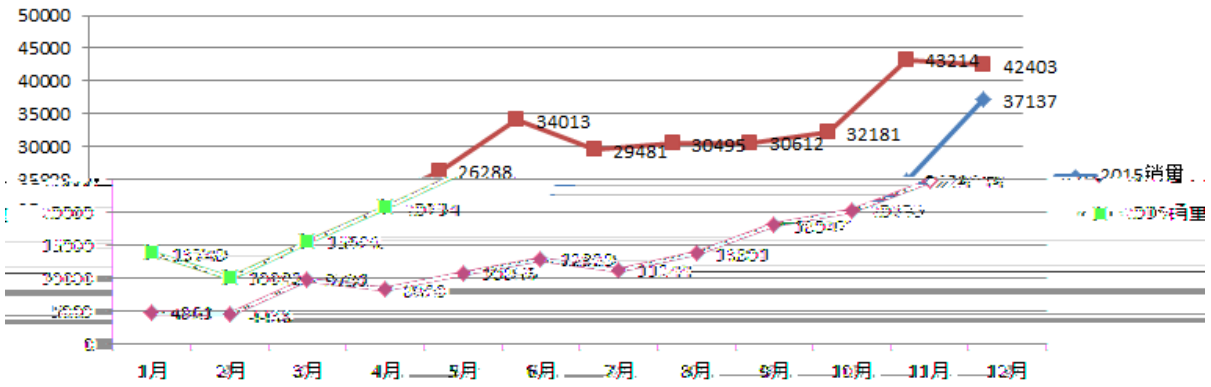
12

37302

14%

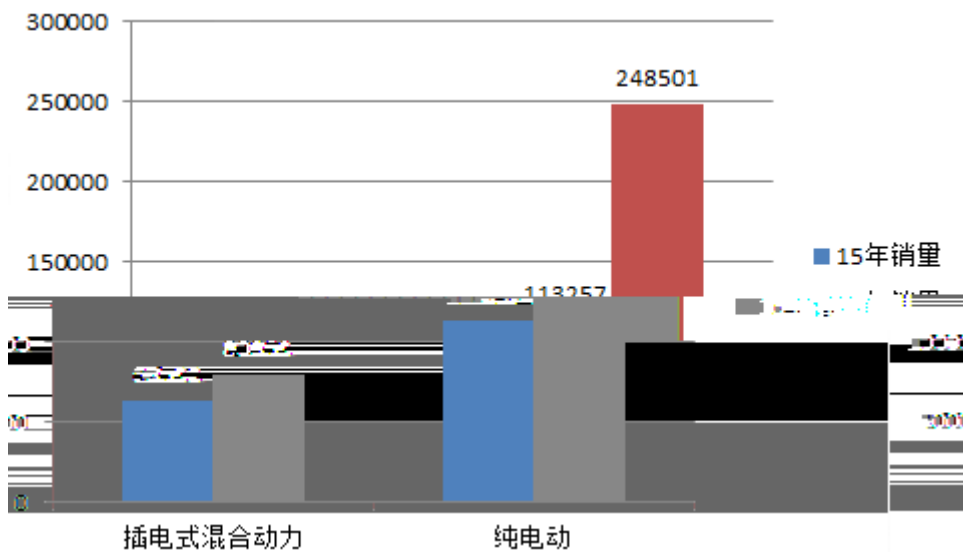
12

2015-2016新能源乘用车销量



16 32 8

26% 24 119%



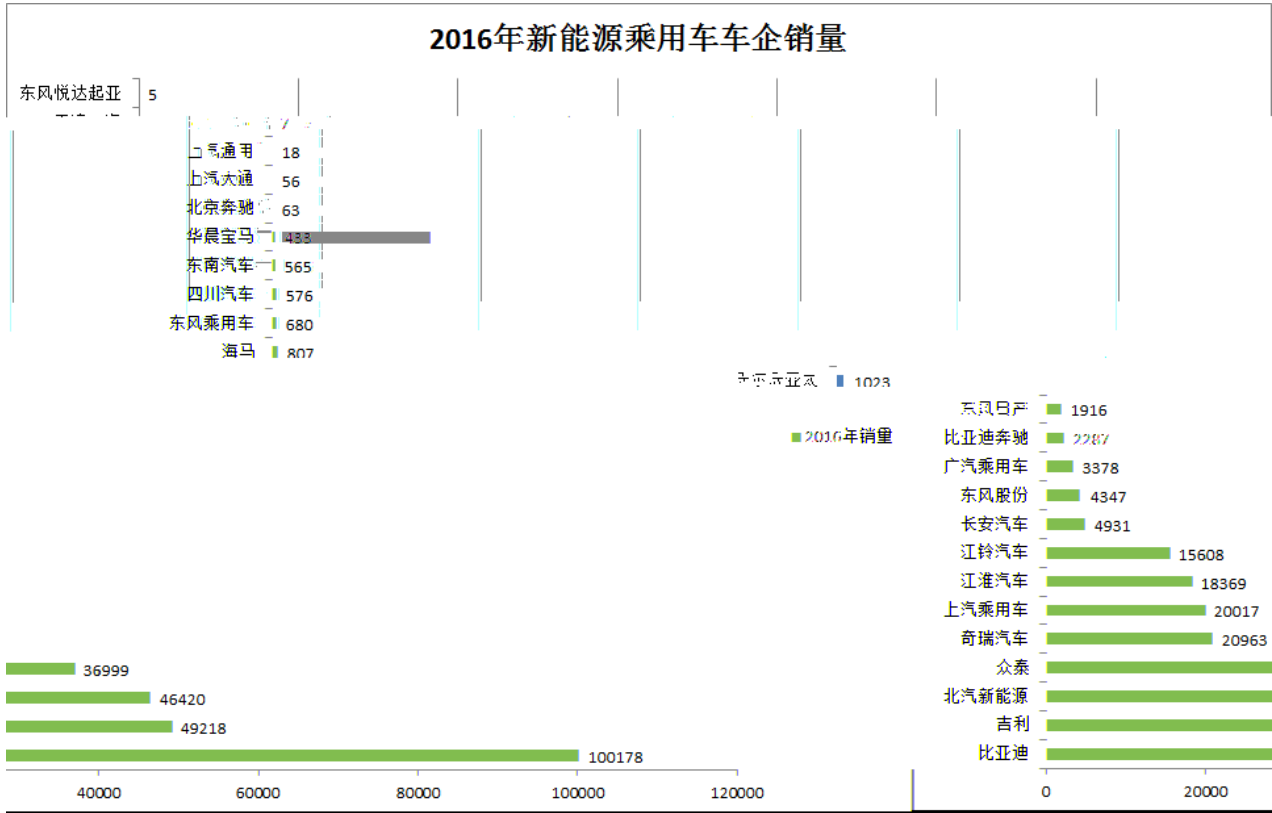
100178 70%

49218 EV

12 6000 16000

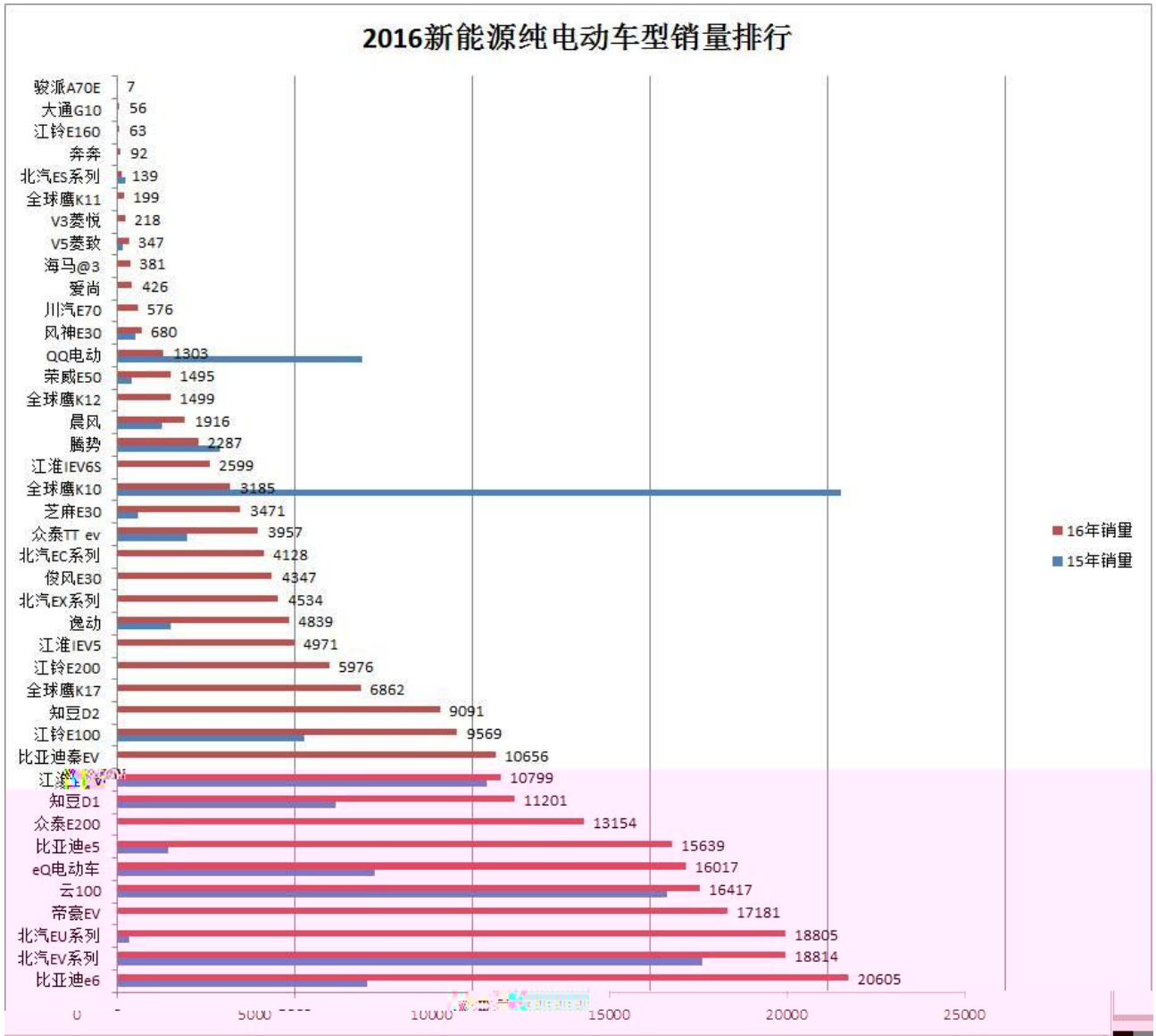
16 172% 46420

2016年新能源乘用车车企销量



	2016	e6	EU	EV
EV	100	eQ		
	e6	20605		
8000		e6	e6	
		e6		
	EV	18814	EU	18805
EU		2016		
EU				
	EV	17181	EV 12	6000

2016新能源纯电动车型销量排行



2016

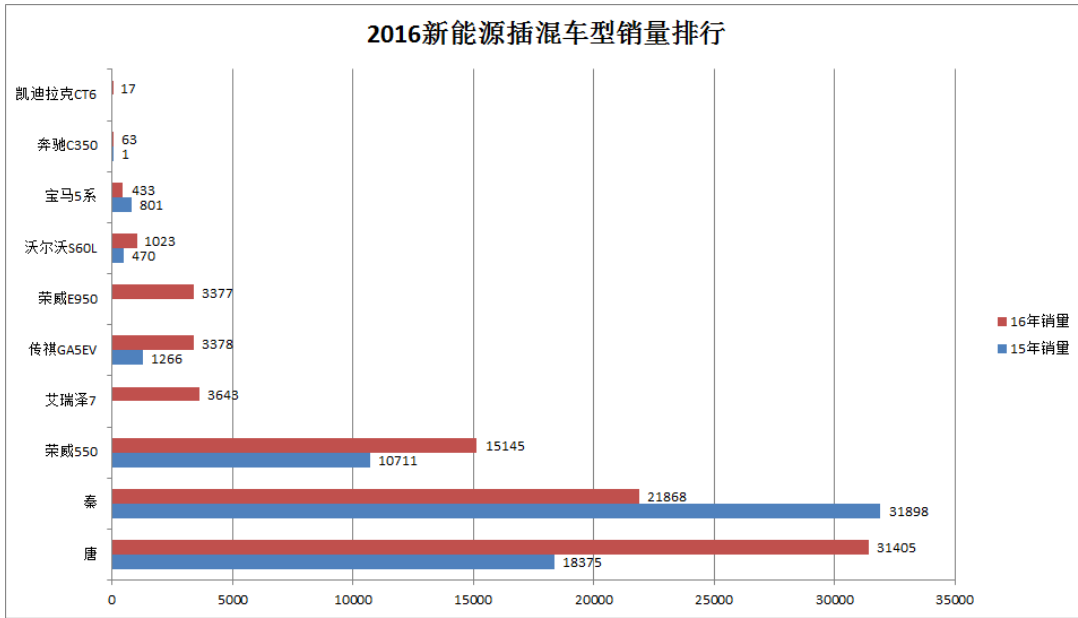
550

7

GA5 PHEV

31405

2016



2016 (172%)

(196%)

(229%)

(202%)

(167%)



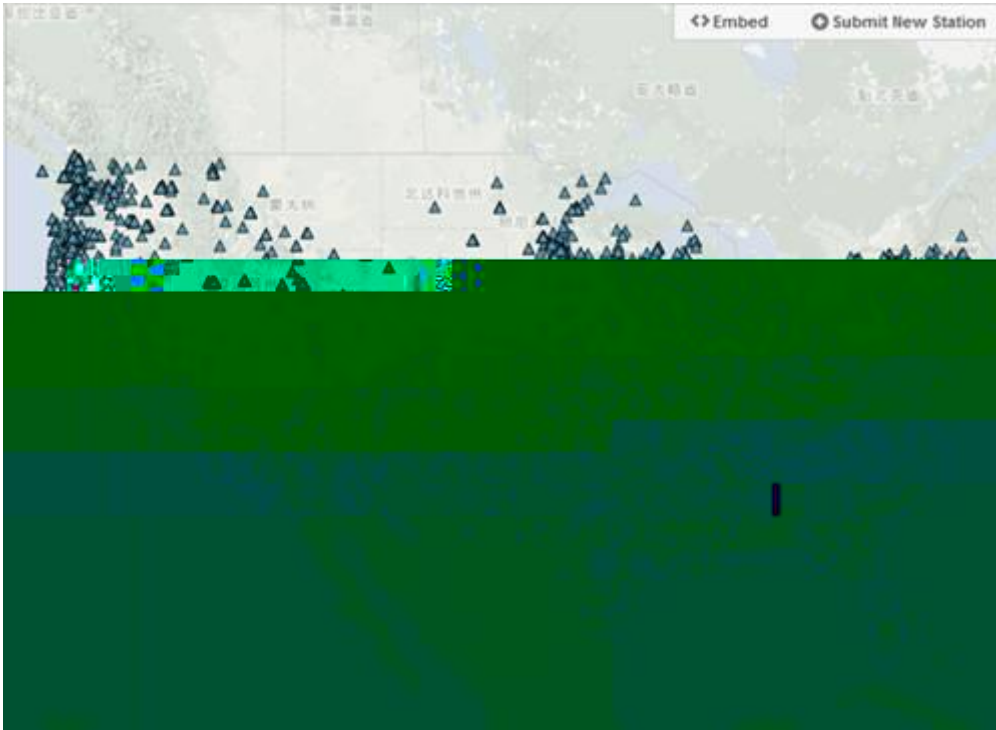
39

1-11

(+)

53705

2016



2015 2016

4-5

2016

2015 10

2016 10

22%

1300

3300

2016 11

11716

1/3

STATE	Electric (stations/charging outlets)	STATE	Electric (stations/charging outlets)
California	3,559 / 11,716	Kansas	169 / 682
Texas	871 / 2,114	Indiana	161 / 339
Florida	818 / 1,805	Vermont	150 / 367
New York	725 / 1,481	Utah	113 / 272
Washington	654 / 1,661	Maine	101 / 175
Georgia	524 / 1,416	Iowa	97 / 203
Oregon	473 / 1,147	District of Columbia	92 / 214
Massachusetts	457 / 1,177	New Hampshire	77 / 158
Maryland	431 / 1,031	Rhode Island	76 / 200
Illinois	427 / 938	Kentucky	60 / 144
Colorado	408 / 898	Alabama	57 / 122
Arizona	372 / 930	Louisiana	55 / 129
Tennessee	370 / 902	New Mexico	52 / 129
North Carolina	364 / 816	Nebraska	51 / 109
Virginia	358 / 868	Idaho	49 / 112
Michigan	328 / 875	Arkansas	45 / 68
Pennsylvania	291 / 606	Oklahoma	39 / 85
Montana	287 / 574	West Virginia	37 / 71
Wisconsin	287 / 574	Delaware	37 / 71
Minnesota	284 / 577	Mississippi	36 / 65
North Dakota	224 / 457	Missouri	34 / 65
South Dakota	224 / 457	South Carolina	33 / 73
Wyoming	224 / 457	Robert Carolina	31 / 71
By	100 / 200	Alaska	3 / 7
State	100 / 200	Nevada	3 / 7
Total	18,092 / 88,218		

2016

(AVERE)

EAF0(European Alternative Fuels

Observatory)

2016

(

)

179991

17%

55%

(2016

)

1.23%

(18804)

Zoe(18715)

Leaf(17045)

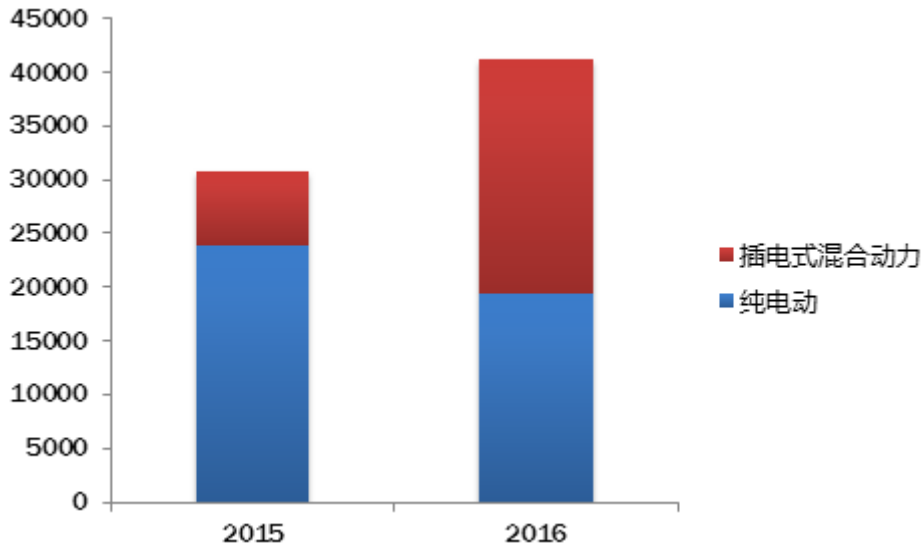
i3(13198)

Model S(11095

)

2016 (1-11)

41039



EV Sales

2016 1 11

41039

34%

29.28%

2016 12

10

2025

25%

2017

2017

50

2017

e-

Zoe Ampera-e

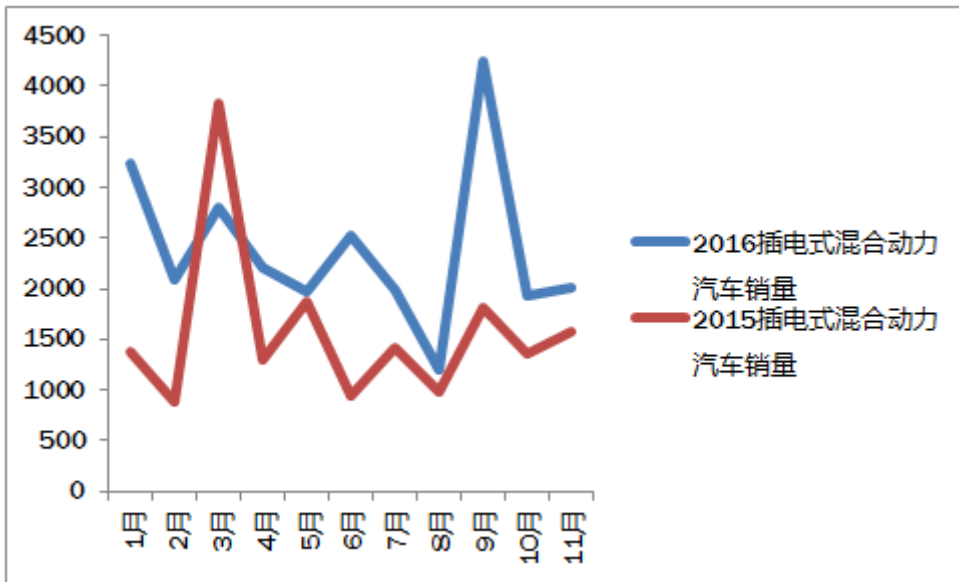
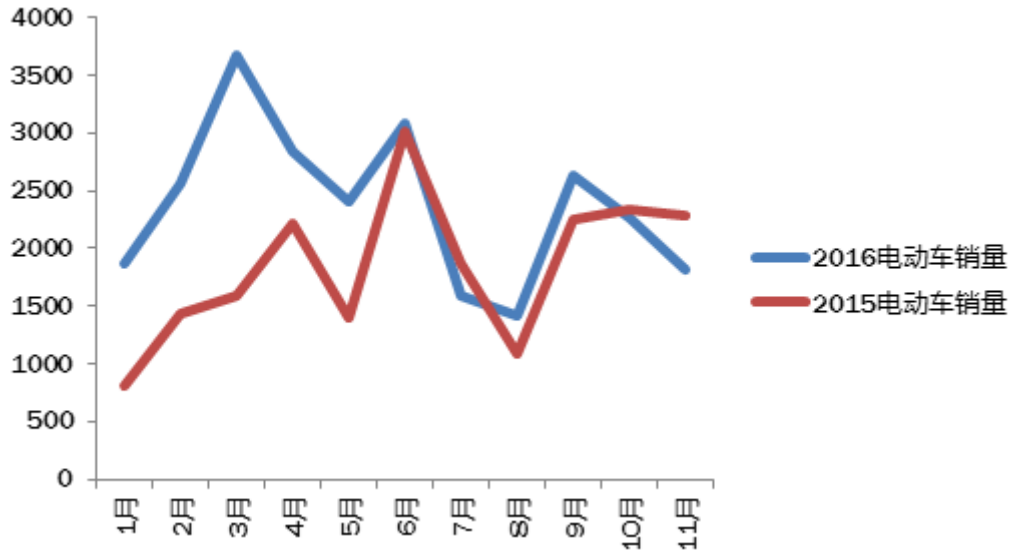
Tesla Model

3

4

2016 (1-11)

35292



2016

-in grant)

2018 3

2017

2016 (1-11)

26148

2016

26148

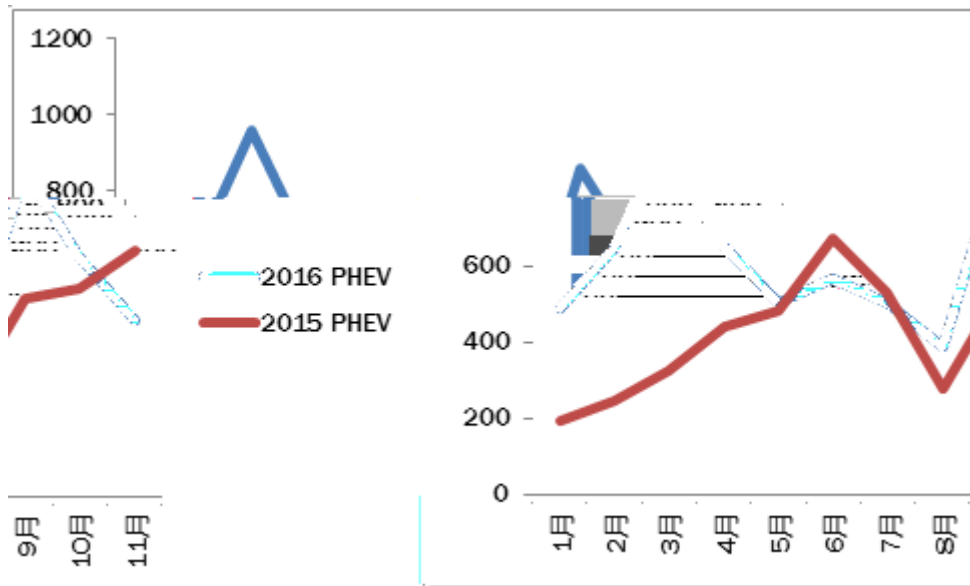
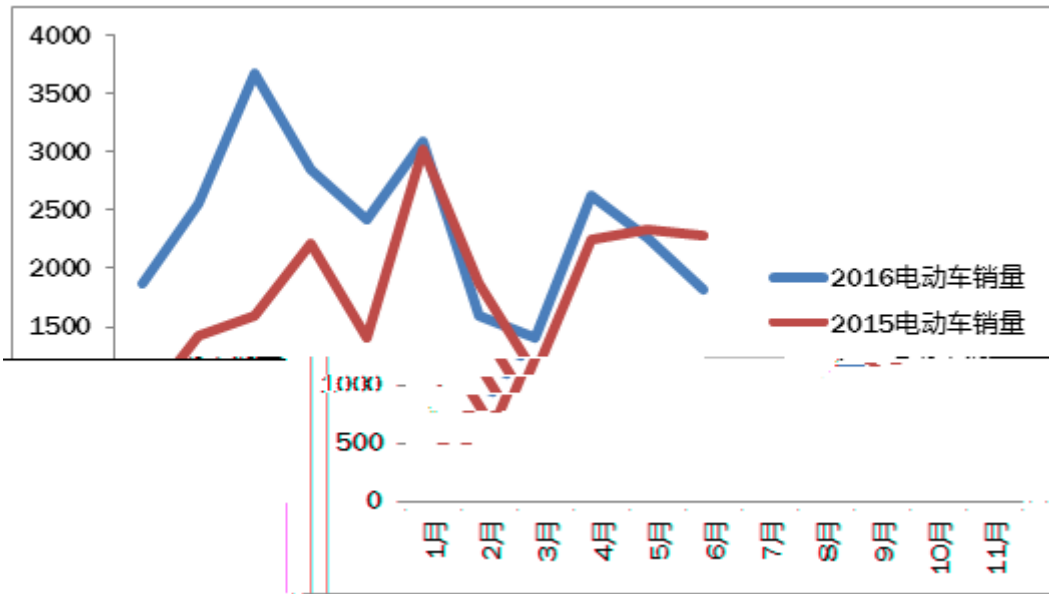
29%

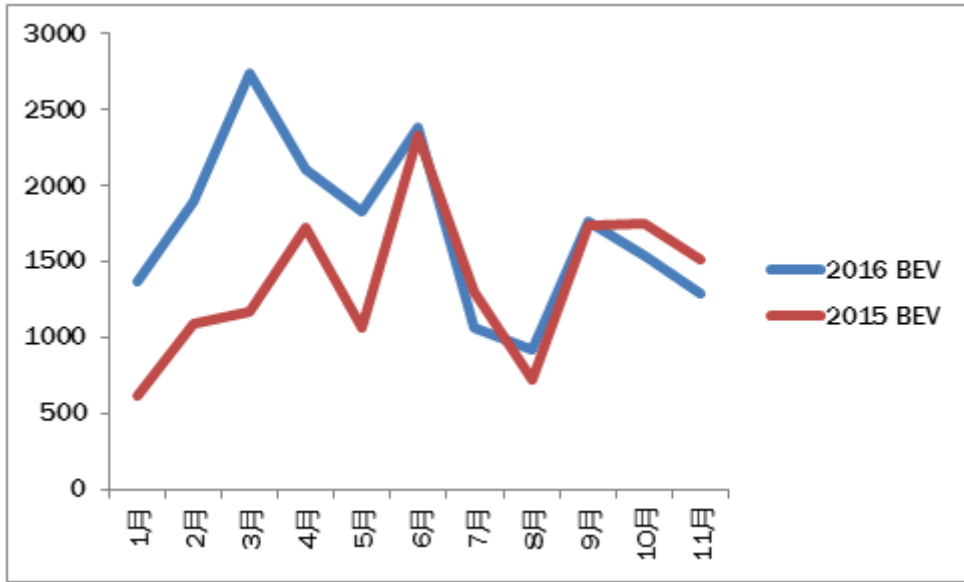
2016 3 8

59%

18923

26%





2017

2016

2017

2020

100

2016 (1-11)

22466

2016 1-11

22466

11%

9968

2%

11905

20%

0.74%

2017

2016

3

2030

2019

30

2017

2016 (1-11)

11732

2016

2015

57%

11732

3.38%

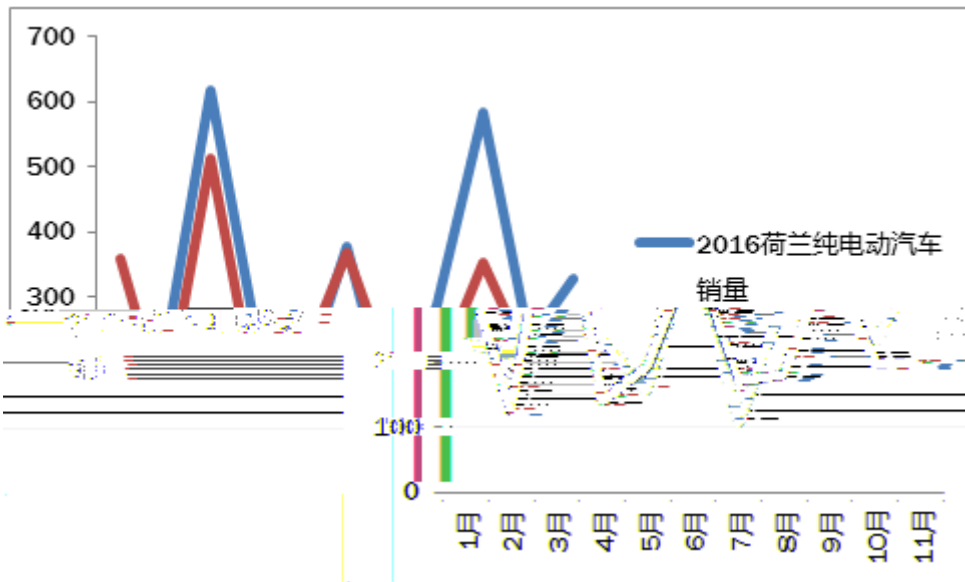
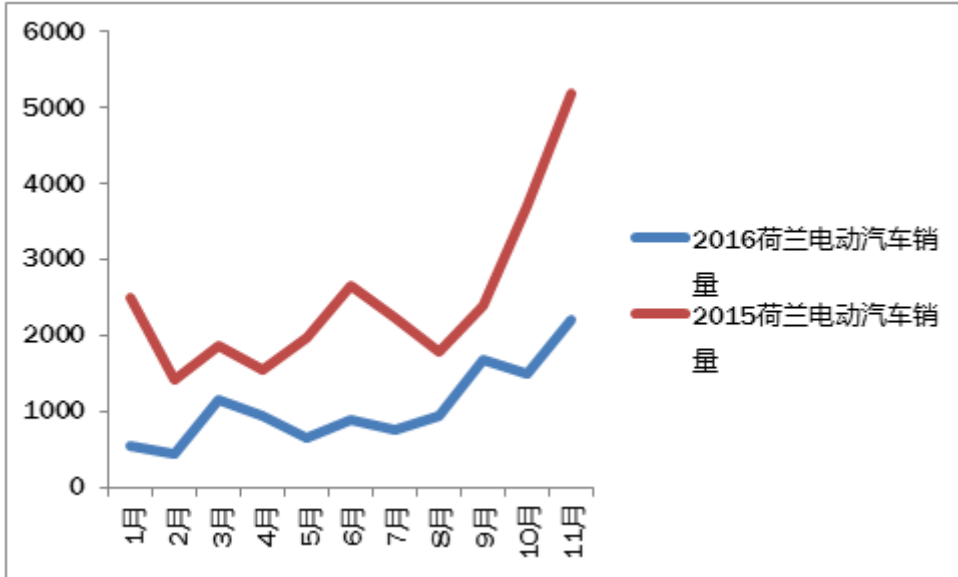
6.52%

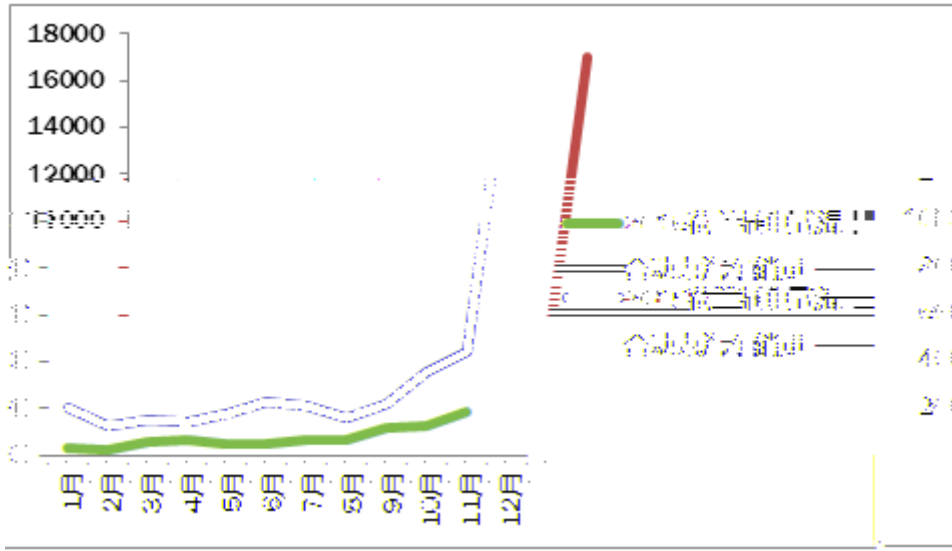
3369

21%

8362

66%





2016

(

)

2017

<http://www.dlev.com/49415.html>

1

21

30%

18

<http://news.ehvacr.com/company/2017/0112/100217.html>

2

2017 1 9 2016

2012

2

VOC

ICT

ICT

100 500 RCC 2000

<http://news.ehvacr.com/company/2017/0119/100269.html>

3

2016 10 27 2016

PSH

8

15029m²

PSH PSH

<http://news.ehvacr.com/company/2016/1102/99742.html>

4

2 28

8

<http://news.ehvacr.com/company/2017/0301/100481.html>

5

3 21

425RT

1600RT

6

50%

6

shecco

2017 2 27

shecco

-

2 22

2 24

2 27

300

shecco

10

HFCs 2045

80-85 (HFCs)

GWP

CO2

shecco

Jan Dusek 2017 2 CO2

12,000

CO2

CO2

Hans Ole

CO2

CO2

1

AHR

CO2

CO2

CO2

2,500

CO2

sheeco

<http://news.ehvacr.com/company/2017/0228/100474.html>

7

UL

2017 2 10

UL

UL

SOLAR GMV

SOLAR GMV

UL

UL UNDEWRITER LABORATORIES

UL

Brian

Ferriol

UL

UL

CPR

Jerry Vega Rivera

SOLAR GMV

90%

2017

SOLAR GMV

42

NET METERRING RULES

37

GMV

<http://news.ehvacr.com/company/2017/0217/100400.html>

8

DB

46

20 MPV/SUV 20

4.0 90%

2016

120

100

1995

46

COP

R134a

<http://cac.chinaiol.com/r/0303/85179361.html>

9

2017 3 2

Helena Hedblom

1500

<http://www.compressor.cn/News/scdt/2017/0303/93513.html>

10

2017 1

1

400-616-9018

•
2017 1

<http://www.compressor.cn/News/hyqx/2017/0113/92052.html> Top

[11](#)

2017 1 5

2016

2017

4

2017

1.

2.

4

3. 2017

1000

4

4.

<http://www.compressor.cn/News/hyqx/2017/0111/91969.html>

12

Emeraude-ALE

kW 1

132~160kW



1

2

3 IE3 V IPM

4

5

6 IOT

<http://www.compressor.cn/News/hyqx/2017/0105/91758.html>

13

2017 1 18

JB/T 6430-2014

GB 19153-2009

XLPM150A-IIID

6.01kW /(m³/min)

1

6.3 kW /(m³/min)

<http://www.compressor.cn/News/hyqx/2017/0121/92322.html>

14

<http://www.51comp.com/news/economy/53489.html>

15



“ ”

- 1 30%
- 2 III
- 3
- 4
- 5
- 6



1.

股东名称	币种	出资额(万元)	出资比例
安徽昊方机电股份有限公司	人民币	10,000	100%

20

100%

1.

2017 2 28

<http://www.compressor.cn/News/hyxx/2017/0315/93877.html>

我司表示深挚谢意！由于市场的变化，导致我司产品成本不断上升，为了协同双

三年”的服务承诺，与您一起携手并进，望相互告辞！

关于此次的调价，最终解释权归属鲍斯股份市场管理部，如有任何疑问请随时致电鲍斯股份市场管理部（电话：4001006555）。希望您能理解并继续支持我们！

以下为部分整机产品最新市场指导价：

一、

名称	型号	功率 (kw)	配置	市场指导价 (RMB)
	GPF6	5.5	普通	7000
	GPF8	7.5		8000
	GLF11	11		11000
	GLF15	15		11500
	GLF19	19	级	14000
	GLF22	22		14500
	GLF30	30		20000
	GLF37	37		21000

二、

名称	型号	功率 (kw)	配置	市场指导价 (RMB)
节能螺杆 压缩机	GMF8	7.5	单级 永磁变频	14500
	GMF11	11		18000
	GMF15	15		20000
	GMF22	22		24000
	GMF30	30	变频	30000
	GMF37	37		37000

特此通知！

宁波鲍斯能源装备股份有限公司

市场管理部

2017年3月6日

市场管理部

<http://www.compressor.cn/News/hyqx/2017/0307/93577.html>

18 Busch

BOE

20

BOE

50

38

"

90%

2018

BOE

10

BOE

2000

BOE

BOE

10

2016

BOE

COBRA DS BOE Busch
L/L CVD PVD

2012 BOE Busch

BOE Busch COBRA

 COBRA DS

COBRA DS

3

(, , ,),

,

10000

45000RPM

(/)

()

<http://news.lmjx.net/2017/201701/2017011613320647.shtml>

21

10

10

2017

10

Arthur Pfeiffer

1890

Wetzlar

1958

2010

adixen

Trinos

10

10

510

3

510

CEO

3

510

510

http://www.yuncaijing.com/news/id_8070015.html

23

3nm

3nm

300

3

3

N-1

http://www.semi.org.cn/news/news_show.aspx?ID=48679&classid=117

24

29

SEMICON China

29 SEMICON China 2017

1958

1965

18-24

14nm 10nm

1958

IHS	2016	3530
45%		20
	20	CPU
		14nm
50	10	

http://www.semi.org.cn/news/news_show.aspx?ID=48636&classid=117

25

MIP

Minimum Import

Price MIP

3 15

MIP

Jetion Solar

MIP

MIP

10

MIP

2012 9

2012 11

2013 12

MIP

2017 3

18

2018 9

MIP

MIP

23

http://www.semi.org.cn/pv/news_show.aspx?ID=19223&classid=12

26

2

()

2

2,900

()

9,800

1.02

--

51

()

()

1 SunEdison Semiconductor

FBR

http://www.semi.org.cn/pv/news_show.aspx?ID=19168&classid=12

27

Sweihan

1177

0 0242

Sweihan

25

120

1177

2017 4

2019

9

H E Abdullah Ali Musleh Al Ahbabi

9

Swaihan

350

0 0242

1177

350

MESIA

350

Masdar EDF Energies Nouvelles PAL Group

RWE Belectric

Q cells

1177

0 166

0 19

0 13

2017

2017 1 1

0 65

0 75

0 85

2016

0 15

0 13

0 13

13 19

0 42

http://www.semi.org.cn/pv/news_show.aspx?ID=19150&classid=12

28

80

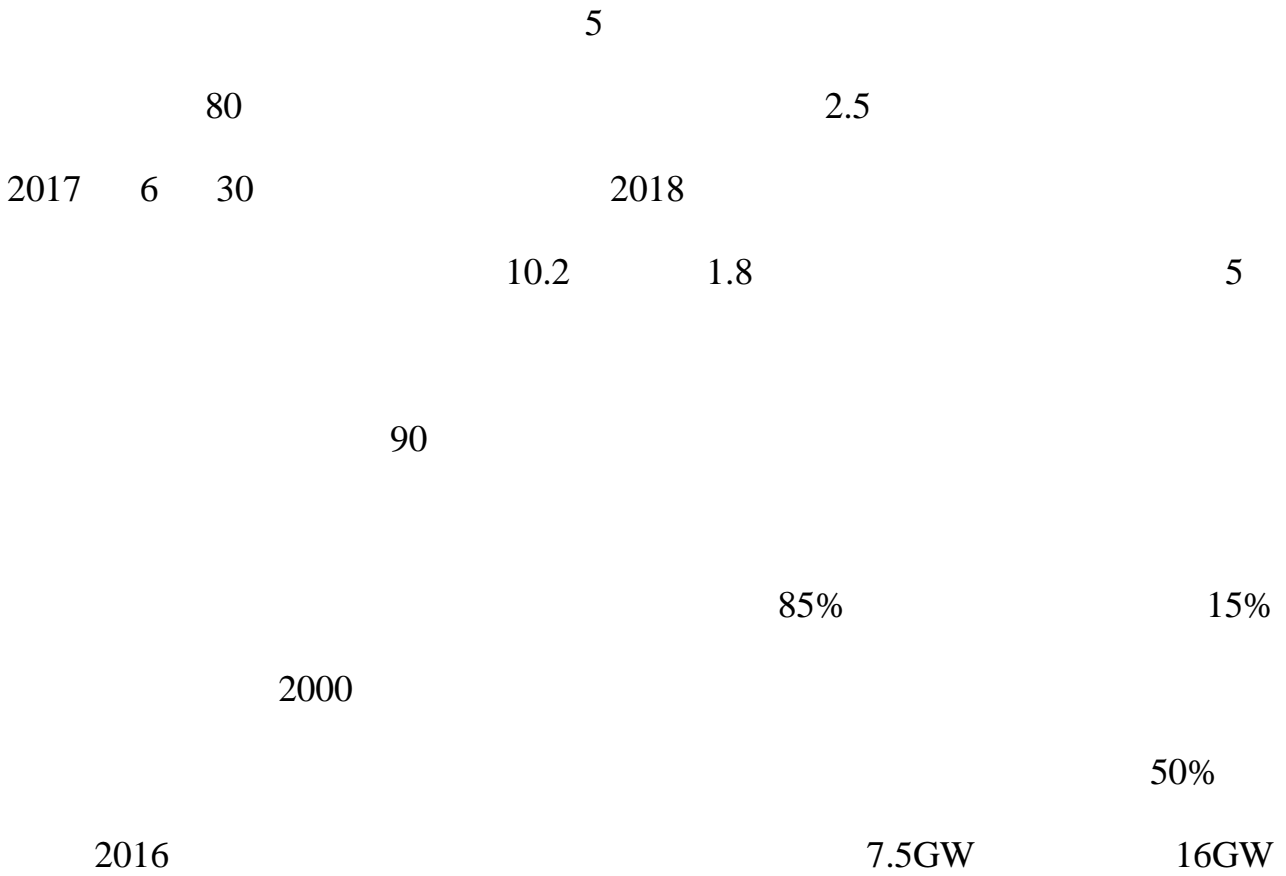
5

5

80

5GW

50



5GW

1GW 2015 11

18 7

1 22 4GW

4GW

2GW

;

2 3

()

http://www.semi.org.cn/pv/news_show.aspx?ID=19188&classid=12

29

2016

34.54GW(1GW=100 KW) 4.24GW 2015

200%

500

800 87 3.85

PICC

http://www.semi.org.cn/pv/news_show.aspx?ID=19186&classid=12

30

2.45

3 15

5

49%

24500

49.5%

24750

1.5%

750

<http://www.d1ev.com/49990.html>

31

10Gw

3 16

10Gw

<http://www.d1ev.com/49990.html>

1

2017-01-10

1

CH

2 2010

4

3 2016

4

5

2016

10%

20%

2017

20%

6

7

2017

B2B

8 2017

COP

9

10

11

12

IPO

13

14

10%

20-30%

20%

20-30%

30%

15

16

3

2

2017-01-13

2016

2016

20

20

2016

2016

2016

2016

4.0

2020

3HP 5HP

2012

2016

10

,

20000

500

2017

5

2016

-35

20

3

2017-01-13

1

CH

2 2016

2017

20%

3

4

5

6

7

2017

8

IPO

9

10

EMC

17%

11

2017

12

4

2017-01-19

1 2016

2017

20%

2

3

B2B

10

4

2017

5 2017

+ORC

2016

6

7

8

9

5

2017-01-03

A





2016-12-30

2009 1-9 , 2.98 , 10.15%;
5810 , 2.2%; 5253 ,
9.99%; 0.33
2009 7-9 , 1.32 , 7.03%, 31%,
3673 , 45%, 98%,
3298.7 , 58%, 101% 0.21
2009

09 10 EPS 0.41 0.51 ,

32 26

<http://istock.jrj.com.cn/article,yanbao,29902420.html>

7 1.67 6.27%

2017-02-14

2 14 002158 2016 1-12

9.74 9.53%

-22.73% 1.67 6.27%

13.18%

97,377.00

9.53% 19,228.25 9.54%

16,653.80 6.27%

3.70% 1.94%

80%

23,572.49

41.19%

<http://news.10jqka.com.cn/20170214/c596435096.shtml>

8 -----Seafarer Capital

2017-02-15

1

10

GHH

12

13

QFII

9

2017-02-07

() 11

() 7

4

500MW

2020

()

16

530MW 2020

7000

4000

2000

5%

10

20

2017-02-15

20

(002158)

(000530)

(002011)

(000811)

(600619)

11

2016

2017

2017-02-20

2016

2016

2017

2016

2016

14.6%

2017

13.7%

	68.0%	34.7%	19.2	14.3
	1.3%	11.5%	21.8	19.5
	180.8%	35.8%	75.2	55.4
	23.7%	21.4%	22.4	18.5
	98.2%	38.5%	20.9	15.1
	16.4%	19.2%	24.0	20.1
	21.1%	20.8%	14.3	11.8
	21.4%	18.8%	33.0	27.8
TMT	32.6%	40.6%	31.5	22.4
	38.7%	33.4%	25.9	19.4
	17.5%	57.6%	35.0	22.2
	40.5%	39.1%	26.2	18.8
	35.5%	31.9%	37.5	28.5

2016

2017

2016

2017

2016

GDP

300394

300312

000547

3-11

2

30%

1-2

3

12-2

30%

3

16

4

16 10

3

16

30%

17-18

1.95

2.33

PE28.1

23.5

13

2017-02-26

2020 12 31

	(000811)	(603339)	(600708)	(000530)	
	(002158)				
	(600233)	(002468)	(002627)	(603569)	
	(000061)				
14	002158			---	
	2017-02-19				
	2 15		16	9.74	9.53%
	1.67	6.27%			
1		9.53%			
				3-11	
2			30%		
			1-2		

3