



			, 27.		2014. –	1	
		41		(2014.	("
2/08	12/12)	"	15/13),	,	,	,	"
27.02.2014.	,	,	,	,	,	,	,
					2014.		
				1.			
			2014.	(:)	
				2.			
		2014.	,	:			
-	100				300.000,00		9
-	10				1.000.000,00		,
	5						
				3.			
			-			:	
-							
-							
				4.			
			2.				
		3.		:			
-							
-							



15.04.2014.
2.

2014.

2

100,

10

5.

6.

0

:06-5/14-I-1, :27.02.2014.

*_*_*_*_*_*_*_*

41

(

2/08 12/12)

2014.

(

"

15/13),

27.02.2014.

2014.

1.

2014.

(

:

)

2.

2014.

:

- 5

300.000,00

12

-

2,5

3.

-

:

-

-

-



4.

2.

3.

-
-
-

15.04.2014.

2.

2014.

5

2

5.

3

6.

"

"

:06-5/14-I-2,

:27.02.2014.

*_*_*_*_*_*_*

2/08 12/12)

41

(

2014.

(

"

27.02.2014.

",

15/13),

,

2014.

1.

2014.

(

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).

2.

2014.

:

- 50

300.000,00

12



3.

0

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4.

2.

3.

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-

o

15.04.2014.

2.

2014.

50

2

5.

6.

"

"

:06-5/14-I-3,

:27.02.2014.

*_*_*_*_*_*_*_*

41

(

2/08

12/12)

"

15/13),

2014.

("

"

27.02.2014.

2014.

1.

, 2014.

20.000,00

30.000,00

(

o

).



2.

-

-

01.01.2014.

3

3.

-

),

-

-

-

-

-

4.

“

:06-5/14-I-4,

:27.02.2014.

*_*_*_*_*_*_*_*

2/08 12/12)
27.02.2014.

41
15/13),

(“

2014.

(“

“

2014.

1.

2014.

- 5

500.000,00

2.



3.

4.

1.

2014.

5.

"

"

:06-5/14-I-5, :27.02.2014.

*_*_*_*_*_*_*_*

41

(

2/08 12/12)

2014.

(

"

"

15/13),

27.02.2014.

OJ

2014.

1.

o

2014.

50.000,00

2.

:

-

o

9,00

-

30.06.2014.

-

3.

o

:

-

-

-



4.

o

".

"

:06-5/14-I-6, :27.02.2014.

*_*_*_*_*_*_*

32. (" " 129/07),
 41 (" , 2/08 12/12)
 12. (" , 22/08),
 (" 27.02.2014. :

2014.

I

1.

2014.

468.710.574,69

:

	468.710.574,69
	468.710.574,69

2.

2014

:

2014.

7	I	
741/741 530	e	10.000.000,00
742/742 250		20.000.000,00
733/733 250		255.700.000,00
	:	285.700.000,00
733 200	II	
733251		15.000.000,00
733251	,	25.000.000,00



733251		15.000.000,00
733251	e	13.500.000,00
733251	.	6.000.000,00
733 251	" "	58.300.000,00
		132.800.000,00
733 200	III	
733 251		5.000.000,00
733 251	()	2.000.000,00
733 241	(,)	3.000.000,00
		10.000.000,00
743 100	IV	
745 151		10.574,69
745 151		100.000,00
	(.)	100.000,00
		210.574,69
911 451	V	40.000.000,00
911 551		
		40.000.000,00
		468.710.574,69

3.

2014.

- : 280.230.000,00

- 511-100, 511-200, 511-300, 511-400, 512-200, 512-, 541-100, 543-200..., 463 - 240

- 188.480.574,69

" , e ,



2014.

I			
1	511400		11.865.000,00
2	541100		-
3	511230, 511330		75.000.000,00
4	511240, 511340		62.800.000,00
5	543200		-
6	511290, 511390		4.500.000,00
7	511290, 511390		-
8	511200, 511300		38.100.000,00
9	511290, 511390		52.965.000,00
10	512 - 100 - 800 ... 515-200		10.000.000,00
11	463-240	-	25.000.000,00
			280.230.000,00

II

1.	421	-	421-100	500.000,00
		-	421-200	1.000.000,00
		-	421-300	200.000,00
		-	421-400	100.000,00
		-	421-600	100.000,00
		-	421-900	100.000,00
				= 2.000.000,00
2.	423	-	423 - 100	100.000,00
		-	423 - 400	300.000,00
		-	423 - 500	200.000,00
		-	423 - 900	100.000,00
				= 700.000,00
3.	424	-		42.756.119,38
		424 - 400		25.818.925,31
		-	424 -	
		500		3.445.530,00
		-		800.000,00
		424 - 600		=
		-	424 -	72.820.574,69
		900		



	425	<hr/> - - 100 - 200	425 425 -	21.260.000,00 200.000,00 = 21.460.000,00
4.	426	<hr/> - - 900	426	200.000,00 = 200.000,00
5.	441	<hr/> <hr/> - 200 - 400 - 500	441 - 441 - 441 -	- 3.000.000,00 3.000.000,00 = 6.000.000,00
6.	463	<hr/> - -	463 - 140 463 - 240	38.000.000,00 6.200.000,00 = 44.200.000,00
7.	482	<hr/> - 482 - 100 - 482 - 200 - 482 - 300		100.000,00 100.000,00 100.000,00 = 300.000,00
8.	483	<hr/> - 100	483 -	200.000,00
9.	485	<hr/> - 100	485 -	-
10.	496	<hr/> - 100	496 -	300.000,00
				= 500.000,00
11.	611	<hr/> - 400	611 -	30.000.000,00



		-		10.300.000,00
		500	-	=
			611 -	40.300.000,00
				188.480.574,69
			I+II	468.710.574,69

II 0

4.

2014.

16.

5.

01.01.2014.

:06-5/14-I-7, :27.02.2014.

2014.

468.710.574,69

2.

285.700.000,00

),
2014

II

132.800.000,00

15.000.000,00

- 1, - 3, - 4
130.

15.000.000,00



" (- ") , "

13.500.000,00

(, .)

25.000.000,00

III

2014. ,

() "

80%

20%

6.000.000,00

58.300.000,00

(130

- 130

(-) ,

130
) .

2014. :

235.000.000,00



-		()	
		= 65		= 3200
-	11 650	350	,	
-			500	,
III	10.000.000,00			-
IV				210.574,69
V		3.	()
			468.710.574,69	
		:		
-		11.865.000,00		
-		"	"	
(750.000,00)	
-	2.000.000,00)	(
-	(2.000.000,00)	
-	1.500.000,00)	(
-			(
-	1.500.000,00)		
-	1.000.000,00)		(
()	,		
-		(,)
-		(,)
-		(,)



- 9.000.000,00 .) " " (
 - 6.250.000,00 .) - - (
 - .) - (5.000.000,00
 - 20.000.000,00 .) (
 - 48.000.000,00) (
 - , ()
 - ()
 -
 -
 - 2.950.000,00) (
 - 3.000.000,00 .) (
 - " "
 235.000.000,00
 (
 500 ,
 300 600
 () =65
 =3200 ,, "
 " 500
 - 4.500.000,00
 - 35/10 V - " 3")
 () ,



(

),

2.

“ ” (“

”, 12/2009),

“ ” (“ ”, 14/2013).

42,94 ha.

3.

:

I -

- 1.
- 2.
- 3.
- 4.
- 5.

II -

1.

- 1.1.
- 1.2.

–

-
- 1.
 - 2.

2.1.

- 2.1.1.
- 2.1.2.

- 2.2.
- 2.3.
- 2.4.
- 2.5.

- 3.
- 4.

- 4.1.
- 4.2.
- 4.3.
- 4.4.
- 4.5.

- 5.
- 6.
- 7.

- 7.1.
- 7.2.
- 7.3.



7.4.

- 8.
- 9.

- 0.
- 1.
- 2.
- 3.

- 1 –
- 2 –
- 3 –

:

- 1. 1: 1000
- 2. 1: 1000
- 3. 1: 1000
- 4. K - 1: 200
- 5. 1: 1000
- 6. 1: 1000
- 7. 1: 1000
- 8. 1: 1000

4.

5.

je

6.

"

"



7.

"

"

:06-5/14-I-10, :27.02.2014.

*_*_*_*_*_*_*

”

”





JUGINUS

J

” ”

I -

- 1.
- 2.
- 3.
- 4.
- 5.

II -

1.

- 1.1.
- 1.2.

–

-
- 1.
 - 2.
 - 2.1.
 - 2.1.1.
 - 2.1.2.
 - 2.2.
 - 2.3.
 - 2.4.
 - 2.5.
 - 3.
 - 4.
 - 4.1.
 - 4.2.
 - 4.3.
 - 4.4.
 - 4.5.
 - 5.
 - 6.
 - 7.
 - 7.1.
 - 7.2.
 - 7.3.
 - 7.4.



8.

9.

0.	
1.	1 –
2.	2 –
3.	3 –

1 -

1.

" " ()

2.

- 81/2009 – , 64/2010 – (" , 24/2011, 121/2012, 42/2013 – : 72/2009, 50/2013 - 98/2013 –),

- " " 22. 11 2013 (" , 14/2013 22.11.2013.).

3.

" "

: 2411/2, 2422/2, 2422/4, 2422/5, 2422/6, 2422/7, 2422/10, 2422/12, 2422/13, 2422/14, 2422/15, 2422/16, 2422/19, 2422/20, 2422/21 (), 2422/22, 2422/23, 2422/24, 2422/25, 2422/26, 2422/27, 2422/28, 2428, 2434/2, 2427 (), 2413 (), 6624 (II 160) 6661 ().
42,94 ha.

4.

" , 3/2013) (" " "

2 -

()

()



(),

5.

160 (400m, -103 - -), II
 2,0m. 96,00m 98,00m

165,00m
 0,8m.

II ()
 160 (-103 - -),

- 10(20)kV
- 35kV 110/35kV " " 35/10kV "
- 110kV " " 110kV "

a 10(20)kV " 65"
 1,5km

35/10kV " 66". 1", 16MVA. 10/0.4 kV
 " 26" " 27".

-103 () - -), II 160 (1,0m
 Ø250,

-103 () - -), II 160 (4,5m
 Ø160 mm 4 bara, "

-103 - - -), II 160 (4m.



(' -103 - - ') . II ' 160



II -

1.

-
-
-
-
-
-
-

, , , :

4 1 2
 1 6, 6, 5,
 1 2.
 2 – „ “.

1.1.

-103 – –), II 1-6 160 ()
).

(. . .)
 : 2413, 2422/2, 2422/4, 2422/5, 2422/6, 2422/7, 2422/10, 2422/12, 2422/13, 2422/14, 2422/15, 2422/16, 2422/19, 2422/26, 2422/27, 2427, 2428, 2434/2, 6624 6661.

a.

1.2.

1 – _____ II _____ 160 (_____ -103
 - -) , _____ 1
 2- _____
 3 – _____ II _____ 160 (_____ -103
 (. . . 2422/20). - -)



1.

103 II 160 (-
 41+037 - 1068 ") - 0369, 0427 " "
 1" 54+977 (

93/2012 104/2013), : (" " " 101/05, 123/2007, 101/2011,

- II 160 (-103 -)
- II 160 (-103 - -),

- II 160 (-103 -)
- - -)

50+754,

- II 160 (-103 - -)

180m

o

II 160 (-103 - 1 -
). 6,0m (3,0m)
 2,0m (2, 3 4) 4,0m.

II 160 (-103 - 1 -)
 0,3 - 0,4%. 2 6m (3,0m).

1 2,0m 2,0m
 3,0m

2,0m 0,5% 3. 1.

4). 3 1 (2
 6,0m 2,0m 14m - 2,0m.
 1,3% 1.

11.

6,0m



2,0m

11%.

2.

4

1

5,

3,0m

1 2.

2,0m.

2 6%,

8%.

5

4

6
10,0m.

6,0m

2,0m.

4,9%

9,4%.

630m.

6

6m (=12,0m.
2m.

3,0m.)

(1)

1

2,0m,

2,0m

2,0m.

2.

"

"

II

160 (

-103

-

-

),

:

"

"

;

;"

"

"

, "

,

" . . .



-
- 150 mm
- 250 mm
-
-
-
-

2.1.2.

(),
200 mm,

- 200mm,
-
-
-
-

2.2.

110/35kV " " 35/10kV " " 10(20)kV " " 35kV 110kV
 " " 65" " 66". " " a " " 10(20)kV " 110kV
 " 35/10kV " 1", 4 MVA 16MVA, " 1,5km " ").



- 1 3 W
- 6%,
- 3%,
- 10/0,4 - 20%,
- 0,95,
- 0,8,
-

1000kVA, 7 VA. 11 10/0,4 kV 630kVA

10/0,4 kV

1 – max 10/0,4kV – 5

2 – max 10/0,4kV – 1

3 – max 10/0,4kV – 1

4 – max 10/0,4kV – 2

5 – max 10/0,4kV – 2

23.06.2008). 10/0,4 kV (35/10 kV „ 1” 4827/1

10/0,4 kV 10 , X 49- , 3 (1x150 ²).

2

„, . 65/1988 ” . ” . 18/1992 . 103,104,105,106,107,108). 1 kV 400 kV (” .

- -5°C +40°C,
- +40°

1 kV 110 kV:

	(m)	(m)
	4,0	3,0
	5,0	4,0
	6,0	5,0



(: , .)	3,0	3,0
()	5,0	4,0
	3,0	3,0
	12,0	5,0
		+3,0
		15,0
		3,0
	7,0	: 10,0 (: 5,0)
	7,0	: 20,0 (: 10,0)
	7,0	
		3,0 : 0,7
	3,0	3,0

2 cd/m^2
70 ÷ 400W.

15 - 20 lx,
15 ÷ 20 lx.

3, -

0,8 m.

I- : 5
I- : 3 m

3 m
1 m

10,0 kV - 10/0,4kV
X , 150 240 2

0,4 kV - X / , 150

10/0,4 kV - μ =250
10 10 300

5,5 x 4,5 m 1000
kV . 630 1000 kV

(),

:



2.3.

II 160 (-103)
 - -)
 350 m² 3 - 1

- :
 - :
 - : (MSAN)
-

- (MSAN)
- MSAN: 580
- "indoor", 4 1,5m, 6,0m², MSAN-
- ()
- :
- N2R 2,0m,
- " ") . Ø110mm Ø40mm, (PVC PE Ø40mm, N2R)

2.4.

Ø160 mm, 4 bara.
 " " () . II 160, 4,5 m.
 " " " 50 m -103 -
 -)
 " " 775 m³/h



4

" "

4

(80 cm)

80 cm

40 cm,

150 cm.

20 cm.

1m.

1,5

4 (20/92),

20/92),
20/92)

4

(10/90,

52/90).

" "

: Dn 90 mm 310 m, Dn 63 mm 1.430 m Dn 40 mm 3.100 m 1.360 m.

2.5.

3.

▪

▪

▪

II

160 (

-103

(2427)



()

4.

()

- - :
- - :
- - :
- :

4.1. _____

(„ „ . 36/2009 10/2013):

- ()
- ()



15,0 . 25,0 , 3%. 5,0 ,

(),

(" . " , . 12/95)).

),

5.

. 03-2918/2 14.11. 2008.),

(

91/2010-).

(" . " , . 36/09, 88/2010

6.

(109.

" , . 71/94, 52/2011- . 99/2011- .).

7.



7.1.

- 9^o M S
 -
 -
 -
 -
 - (10/0,4kV),
 -
 -
- „, 31/81, 49/82, 29/83, 21/88, 52/90)
- („ . „, . 52/85).

7.2.

- („ 111/2009),
- („ . „ . 30/91)
- („ . „ 8/95)
- („ . „ . 53, 54/88 28/95),
- („ . „ 11/96),
- („ . „ . 38/89),
- („ . „ . 45/85),
- („ . „ . 16/86 28/891),
- („ . „ 24/87),
- („ . „ . 87/93),



(„ . „ . 13/78),
“ . 37/95).

(„ .

(„ . „, 31/05)

7.3.

4752-2 7.11.2008.

▪ : (2/3)
50.

7.4.

“ („ . „, . 60/94 63/94).

– „ . „, . 135/2004 36/2009), (

8.



4,0m

).

(

(„

“ 44/95).

9.

(“ „, . 19/2012).

90 cm,

1:20 (5%)

1:12 (8%),
je

61/11).

(“ „

: 1)

; 2)
; 3)

(“ „, 61/11).



(0) :

(1, 2 3).

0.

(, ..)

5%

a

(,)

"

()

/



(...).

12 m.

6,5-10m,

10m

:	. 1 :
-	300m ² 4
	120m ²
-	200m ²
	10
-	8
	150m ²



(2)
()

(1.3.

1.3. (1.3.4.)

50%, 70%.

800 m². 16,0m,

() ()

5,0 m.

3,0 m.
70 %

12,0 .

2,20 m. ()



1.5. _____

1

20%

2,20 m.

(,)

1.6. _____

2.

2 –

2.1. _____

2.2. _____

2

16 m (16 m).

800 m²

2.3. _____

10,0 m.

3,0 m.

2.4. _____

12,0 .
1,2 m

50 %.



10.

27.

"

"

"

"

11.

«

».

:06-5/14-I-11,

:27.02.2014.

*_*_*_*_*_*_*_*

32

("

",

129/07),

41

("

",

2/08

12/12)

9

2

,

("

",

31/13),

27.02.2014.

8

9

1

8

9

2

:06-5/14-I-12,

:27.02.2014.

*_*_*_*_*_*_*_*



" , 107/05, 72/09- 130, 132 133 , 88/10, 99/10, 57/11, 119/12 45/13), (" 32 1 9 (" " , 129/07) 41 1 10 (" " , 2/08 12/12), 27.02.2014. , ,

1.

2.

3.

130, 132 133

19.11.2013.

1672/13

20.02.2014.

20.02.2014.

305-1/14

32 1 9

41 1 10

:06-5/14-I-13, :27.02.2014.



107/05, 72/09- . 130 3 135 (" , 88/10, 99/10, 57/11, 119/12 45/13), 32 1 9
 (" , 129/07) 41 1 10
 (" 2/08 12/12),
 27.02.2014.

1. , a
 a
 2. , a
 " " a

06-47/13-I-14 22.11.2013.

:06-5/14-I-14, :27.02.2014.

*_*_*_*_*_*

129/07) 32 1 8 (" ,
 " 41 1 27 (" ,
 27.02.2014. 2/08 12/12),

2013.

32 1 8

41 1 27

2013.

:06-5/14-I-15, :27.02.2014.

*_*_*_*_*_*



129/07) 32 1 8 (" "

" 41 1 22 (" "

27.02.2014. 2/08 12/12), ,

2014.

32 1 8

41 1 22

2014.

:06-5/14-I-16, :27.02.2014.

*_*_*_*_*_*_*

129/07) 32 1 8 (" "

" 41 1 27 (" "

27.02.2014. 2/08 12/12), ,

2013.

32 1 8

41 1 27

2013.

:06-5/14-I-17, :27.02.2014.

*_*_*_*_*_*_*



129/07) 32 1 8 (" ;
 " 41 1 22 (" ;
 27.02.2014. 2/08 12/12), ,

2014.

32 1 8

41 1 22

2014.

:06-5/14-I-18, :27.02.2014.

*_*_*_*_*_*

129/07) 32 1 8 (" ;
 " 41 1 27 (" ;
 27.02.2014. 2/08 12/12), ,

2013.

32 1 8

41 1 27

2013.

0

:06-5/14-I-19, :27.02.2014.

*_*_*_*_*_*



129/07) 32 1 8
 " 41 1 22
 27.02.2014. 2/08 12/12),

(" (" " ,

2014.

32 1 8
 41 1 22

2014.

:06-5/14-I-20, :27.02.2014.

*_*_*_*_*_*_*

129/07), 72 46
 2/08 12/12),

(" (" " ;
 , 21.02.2014. ,

I

1.

II

2.

-
 -
 -

()



7.

6

V

8.

“

”

:06-4/2014-II-25, :21.02.2014.

*_*_*_*_*_*_*



1.				1
2.	2014.			2
3.	2014.			3
4.			2014.	4
5.			2014.	5
6.	oj		2014.	6
7.				7
8.		2014.		16
9.			" "	47
10.				48
11.				49
12.			a	50
13.			a	50
14.	2013.			51
15.		2014.		51
16.	2013.			52
17.	2014.		" "	52
18.		2013.		53
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