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[1; 2; 3].

[6; 8].

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60%

[7].

2001-2010  
246 1000  
[5].

14

2011

« » - « »

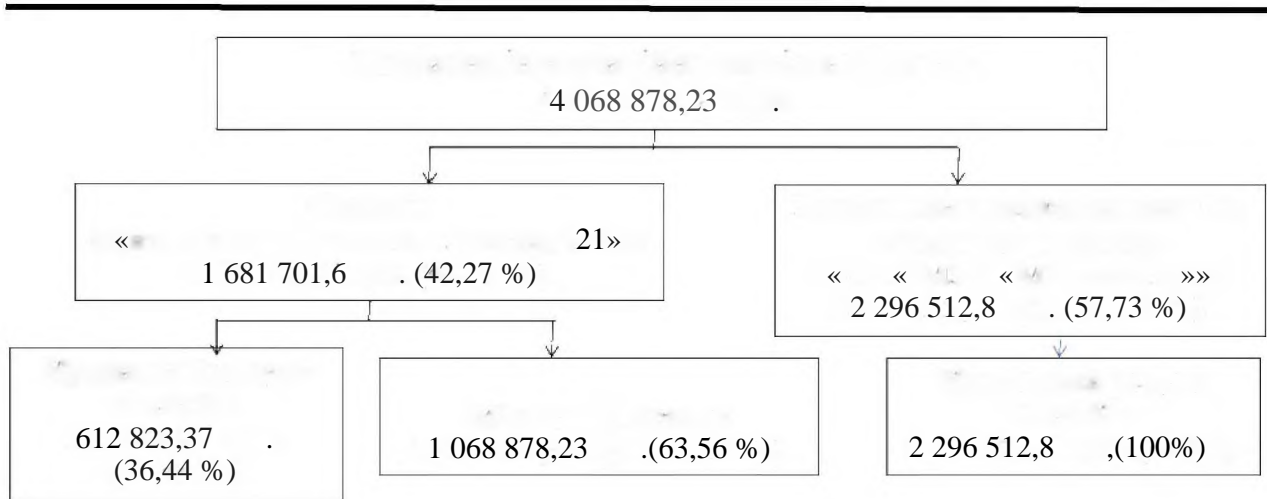
2010-2014

2012 2008-2017  
49 «

2010-2014 » 25.09.2009 [4].

2 ;





. 1.

1 681 701,6 . (42,27%). - « 21»  
 - 1 068 878,23 . (63,56%). - 612 823,37 . (36,44%)  
 / 7020 3, 21 - / ' , , 2340 2  
 : , 23, . : « »  
 - ;  
 - ;  
 - ;  
 - ;  
 ( . 1).  
 +12° ...+17° +18° ...+24° .  
 230,37 / .  
 - « 21” 1

		(2013-2014 .)
	30 / (25 862 / )	10 / (8 621 / )
	+12° ...+17°	+18° ...+24°
	75,07 / 3	42,25 / 3 ( - 43 / 3)
	527,0	296,63
	375,99	211,63
2, /	898,98	506,00

: “ 21”

- - 230,37 (198,12 );
- 0<sub>2</sub> - 392,98 /
- - 164,36 . .

« « »» 2 296 512,8 . (57,73 %).

( . 2). 2012 – 3625171  
 ./ , – 3318583 ./ , 6943754  
 ./ .

2

	2012 .	2013 .
, ./	3625171	3318583
, ./ -	1,13	1,23
, .	4096443,23	4081857,09

: « « »

1700 ( )

- – 306 588 ./ ;  
 - – 377,103 .

( . 3).

3

		/		/		/
, . /	3625,17	4096,44	3318,58	4081,57	306,58	377,103
, /	527	375,99	296,63	211,63	230,37	164,36
, . .	-	4472,43	-	4293,2	-	541,463

/ , - , - , 377,103 . / , 0<sub>2</sub> – 392,98  
 - 164,36 . ./ , - , -  
 541,463 . ./ .

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377,103 . / ,  
 $O_2 - 392,98$  / , - ,  
 - 541,463 . / . - 164,36 . / , - ,

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#### Tyshchenko S.V. INCREASING ENERGY EFFICIENCY OF THE OBJECTS OF BUDGETARY AND COMMUNAL SPHERE IN ZHYTOMYR

**Purpose.** A research purpose is theoretical generalization practical recommendations on measures implemented to improve the energy efficiency of municipal budget and scope of Zhytomyr.

**Methodology of research.** To achieve the tasks used in the method that implements a systematic approach to the analysis and regulation of power consumption and heat consumption, based on a synthesis of classical, statistical and mathematical tools, the analysis of the dynamics of power consumption patterns of the studied institutions. Theoretical and methodological bases of research is to achieve domestic and foreign science in the field of energy conservation, scientific and technological progress in energy technologies, energy audits and more. It uses information data Zhytomyr City Council.

**Findings.** So, today, Zhitomir belongs to the category of cities, which a majority stake in Ukraine – cities namely, energy-saving potential is not used at all or little used. Revealed that in most of the objects energy budget and public utilities Zhytomyr today is dominated by large energy-consuming technological approaches. Found that the introduction of the project was, firstly, the reduction of harmful emissions into the atmosphere  $CO_2 - 392,98$  tons/year, and secondly, the net savings of electric energy was 377.103 thousand UAH/year net savings of thermal energy – 164,36 thousand UAH/year, and thirdly, the budgetary savings – 541.463 thousand UAH/year.

**Originality.** For the first time in the Zhytomyr region Methodological study on the effectiveness of the Project "Improving the energy efficiency of municipal and public sector Zhytomyr city" based on internal and external sources of funding.

**Practical value.** Positive project implementation made it possible in practice to overcome the main problems of the inefficient use of both heat and electricity. Analysis of this experience will contribute to solving the problems of energy efficiency in public facilities and budget sector of Ukraine.

**Key words:** energy, thermal energy, electrical energy, budget and communal services, savings, expenses, investments, credit.

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377,103 . / ,<sup>2</sup> - 392,98 / , - , - 164,36 .  
 - 541,463 . / .

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