

Table 1: Effects on A_{GDP} Arising from Percentage Changes of the Three Industries in GDP in Beijing

Industrial Structural changes	A_{GDP} change	
	2000-2005	2006-2010
A drops by 1%, D rises by 1%.	-99.981%	-99.994%
B drops by 1%, D rises by 1%.	-99.981%	-99.994%
A drops by 1%, B rises by 1%.	-99.980%	-99.994%
In the 10 th five years: A dropped by 1.2%, B dropped by 2.2%, C dropped by 1.4%, D rose by 4.9%.	-47.73%	
In the 11 th five years: A dropped by 0.5%, B dropped by 4.9%, C dropped by 0.2%, D rose by 5.4%.	-84.08%	

Note: In the table, A means percentage change in GDP of the first industry, B means that of the secondary industry, C means that of the building industry, D means that of tertiary industry.

4. Conclusion and Suggestion

From the above calculation, the following conclusions can be drawn.

First, the energy conservation from structural adjustment in Beijing is mainly from secondary industry and tertiary industry.

Secondly, effects on A_{GDP} in Beijing of structural adjustments of first industry and tertiary industry are same.

Thirdly, amount of energy conservation arising from industrial structural adjustment is not stable, with frequent fluctuations: a large amount of conservation in 2008, a little amount in 2009 and a

negative conservation in 2010. Therefore, further adjustment of industrial structure should be continued later.

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