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TITLE: INPUT-OUTPUT ANALYSIS OF ENERGY RATIONING: STATE OF PERNAMBUCO, BRAZIL-2001/2002

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ABSTRACT:

In 2001/2002 Brazil suffered an electric power rationing, affecting the economy negatively. The Northeast region was one of the most affected, with a reduction in the production and employment. Recently, there was a fear on the return of a new rationing, bringing concern for the society. This paper analyzes the economic impacts of an electric power rationing through the input-output analysis, taking as reference the State of Pernambuco, one of the most important of the region. We analyze the energy requirements for the development of the economic activities of the State and, through the construction of sceneries, it is investigated the sectors that would be more affected. The results show that, of the eleven sectors, the transportation sector and paper industry are the most affected. It is also shown that there is an improvement in the energy efficiency in the agricultural sector, paper industry and transportation sector.