

عنوان مقاله:

Estimate Indirect Losses of Electric Power Lifeline

محل انتشار:

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خلاصه مقاله:

An earthquake has usually some effects on economic and social in each region through fail of infrastructure, buildings and so on. In fact, an earthquake economic losses do not limit to physical damages (direct losses), and some parts might don't have any physical damages due to an earthquake, but they are suffering from breaking in other parts (indirect losses). Sometimes, indirect losses are too huger than direct losses; they sort of damages from disorders of inter-industry relations (ripple-effects). This research have been investigated economic indirect effects of physical damages of Electric Power Lifeline from an earthquake. We have highlighted to pay attention to in direct losses like physical damages, and they need more attention. In this paper indirect losses consider ripple-effects from physical damages in Electric Power lifeline. In continue, estimate of indirect losses is based on Input- Output (I-O) method, and has used Iran's Input-Output table. The results show that indirect losses because of earthquake can be vaster than .direct losses

کلمات کلیدی:

Indirect Loss, Input-Output, Electric Power, Earthquake, Economic

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