

## عنوان مقاله:

Ranking of the Solutions of Reducing Electrical Energy Consumption in Isfahan Sepahan Cement Industry by Using Fuzzy TOPSIS Method

## محل انتشار:

فصلنامه فرایندهای نوین در ساخت و تولید، دوره 8، شماره 2 (سال: 1398)

تعداد صفحات اصل مقاله: 10

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## خلاصه مقاله:

Nowadays, energy consumption management is a vital strategy for societies to optimize energy consumption. Considering the widespread functions of electrical energy in human lives, a high proportion of consumption management procedures deals with the management of electrical energy consumption. It is important to study the state of electrical energy and provide managerial and optimal management solutions in this industry. The main purpose of this study is ranking the key solutions of reducing electrical energy consumption in Isfahan Sepahan Cement industry. In this research, firstly, by studying and investigating conducted researches, interviewing with cement industry experts and also a researcher-made questionnaire, 20 solutions and 5 indices are chosen. Then by utilizing the indices weight and fuzzy TOPSIS method, solutions are ranked and in conclusion, after conducting needed calculations, "Hot exhaust gases heat recovery and electricity generation" obtained the highest rank and "Revision of various energy tariffs" scored the lowest rank.

## کلمات کلیدی:

Electrical Energy, Isfahan Sepahan Cement Industry, TOPSIS method, Consumption Reduction Management

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1146195>

