Accepted Manuscript

Industrial sector environmental planning and energy efficiency of Iranian provinces

Mojtaba Ghiyasi

PII: S0959-6526(16)31882-0

DOI: 10.1016/j.jclepro.2016.11.044

Reference: JCLP 8433

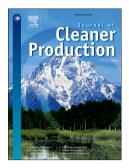
To appear in: Journal of Cleaner Production

Received Date: 27 July 2016

Revised Date: 20 September 2016 Accepted Date: 7 November 2016

Please cite this article as: Ghiyasi M, Industrial sector environmental planning and energy efficiency of Iranian provinces, *Journal of Cleaner Production* (2016), doi: 10.1016/j.jclepro.2016.11.044.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Industrial sector environmental planning and energy efficiency of Iranian provinces

Mojtaba Ghiyasi

mog@shahroodut.ac.ir

mogshu@gmail.com

Faculty of Industrial Engineering and Management Sciences, Shahrood University of Technology

Abstract

This paper develops a theoretical background of the inverse DEA with pollution generating technology that is capable of dealing with undesirable outputs. Interaction between input, desirable output, undesirable output and environmental efficiency is investigated for industrial sector of Iranian provinces. Five scenarios are designed to perform this aim and construct a gradual planning scheme for short to long run CO2 reduction. The following results are found. There exit a high potential of saving capital in short and mid

Download English Version:

https://daneshyari.com/en/article/5480404

Download Persian Version:

https://daneshyari.com/article/5480404

Daneshyari.com