

Accepted Manuscript

Optimal Lot-Sizing under Strict Carbon Cap Policy Considering Stochastic Demand

Arindam Ghosh , J.K. Jha , S.P. Sarmah

PII: S0307-904X(17)30133-6
DOI: [10.1016/j.apm.2017.02.037](https://doi.org/10.1016/j.apm.2017.02.037)
Reference: APM 11625



To appear in: *Applied Mathematical Modelling*

Received date: 26 November 2014
Revised date: 11 January 2017
Accepted date: 14 February 2017

Please cite this article as: Arindam Ghosh , J.K. Jha , S.P. Sarmah , Optimal Lot-Sizing under Strict Carbon Cap Policy Considering Stochastic Demand, *Applied Mathematical Modelling* (2017), doi: [10.1016/j.apm.2017.02.037](https://doi.org/10.1016/j.apm.2017.02.037)

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.

Highlights

- Develop model for a supply chain considering strict carbon cap policy.
- Conceive stochastic demand for this model.
- Both backorder and lost sales have been considered.
- Major sources of emission and cost are taken into account.
- Offer managerial insights with numerical examples and sensitivity analysis.

Download English Version:

<https://daneshyari.com/en/article/5471168>

Download Persian Version:

<https://daneshyari.com/article/5471168>

[Daneshyari.com](https://daneshyari.com)