

## Accepted Manuscript

Energy use characteristics and benchmarking for higher education buildings

M. Khoshbakht , Z. Gou , K. Dupre

PII: S0378-7788(17)33171-7  
DOI: [10.1016/j.enbuild.2018.01.001](https://doi.org/10.1016/j.enbuild.2018.01.001)  
Reference: ENB 8261



To appear in: *Energy & Buildings*

Received date: 21 September 2017  
Revised date: 13 December 2017  
Accepted date: 1 January 2018

Please cite this article as: M. Khoshbakht , Z. Gou , K. Dupre , Energy use characteristics and benchmarking for higher education buildings, *Energy & Buildings* (2018), doi: [10.1016/j.enbuild.2018.01.001](https://doi.org/10.1016/j.enbuild.2018.01.001)

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**

- Energy use characteristics in different buildings used for various academic activities such as teaching, research, administration, academic office works, and self-learning
- Energy use characteristics in different buildings used for various disciplines such as Business, Health, Science, Arts, Education and Law
- A literature review of exiting benchmarking and energy characteristic studies in educational buildings such as schools and universities
- Comparative study of statistical benchmarking techniques to find the most appropriate benchmarking technique for higher education buildings including methods such as ordinary least square, corrected least square, data envelopment analysis and stochastic frontier analysis
- Energy use benchmark for higher education campus buildings focused on different disciplines and activities

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6728823>

Download Persian Version:

<https://daneshyari.com/article/6728823>

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