Accepted Manuscript

Energy consumption model and energy benchmarks of Five-star hotels in China

Ying Sheng, Zhuangzhuang Miao, Jingyu Zhang, Xueyin Lin, Hongting Ma

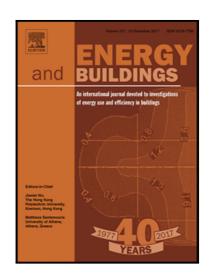
PII: S0378-7788(17)34053-7

DOI: 10.1016/j.enbuild.2018.01.031

Reference: ENB 8291

To appear in: Energy & Buildings

Received date: 13 December 2017 Revised date: 18 January 2018 Accepted date: 18 January 2018



Please cite this article as: Ying Sheng, Zhuangzhuang Miao, Jingyu Zhang, Xueyin Lin, Hongting Ma, Energy consumption model and energy benchmarks of Five-star hotels in China, *Energy & Buildings* (2018), doi: 10.1016/j.enbuild.2018.01.031

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

- A normalized energy consumption model of five-star hotels is established.
- Energy benchmark is expressed by energy use intensity (EUI) interval.
- EUI intervals in cold zone, hot summer/cold winter zone and hot summer/warm winter zone are $100\sim155$, $140\sim245$ and $136\sim213$ kWh/(m²·a).
- Energy-efficient upgrades proposals could be identified based on model.

E-mail: mht116@126.com (Hongting Ma)

Postal address: 92 Weijin RoadNankai District, Tianjin, China

^{*} Corresponding author. Tel.: +86 022 27890131

Download English Version:

https://daneshyari.com/en/article/6728680

Download Persian Version:

https://daneshyari.com/article/6728680

<u>Daneshyari.com</u>