## Accepted Manuscript

Hybrid life-cycle assessment for energy consumption and greenhouse gas emissions of a typical biomass gasification power plant in China

Qing Yang, Hewen Zhou, Xiaoyan Zhang, Chris P. Nielsen, Jiashuo Li, Xi Lu, Haiping Yanga, Hanping Chen

PII: S0959-6526(18)32755-0

DOI: 10.1016/j.jclepro.2018.09.041

Reference: JCLP 14176

To appear in: Journal of Cleaner Production

Received Date: 15 February 2018

Revised Date: 20 July 2018

Accepted Date: 5 September 2018

Please cite this article as: Yang Q, Zhou H, Zhang X, Nielsen CP, Li J, Lu X, Yanga H, Chen H, Hybrid life-cycle assessment for energy consumption and greenhouse gas emissions of a typical biomass gasification power plant in China, *Journal of Cleaner Production* (2018), doi: https://doi.org/10.1016/j.jclepro.2018.09.041.

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.



## Hybrid life-cycle assessment for energy consumption and greenhouse gas emissions of a typical biomass gasification power plant in China

Qing Yang<sup>a, b, c, d</sup><sup>+</sup>, Hewen Zhou<sup>a, d</sup>, Xiaoyan Zhang<sup>a</sup>, Chris P. Nielsen<sup>b</sup>, Jiashuo Li<sup>a, c, d</sup>, Xi Lu<sup>b, e</sup><sup>+</sup>,

Haiping Yanga<sup>a,c,d</sup>, Hanping Chen<sup>a,c,d</sup>

<sup>a</sup>Department of New Energy Science and Engineering, School of Energy and Power Engineering, Huazhong University of Science and Technology, 1037 Luoyu Road, Wuhan, Hubei, 430074, PR

China.

<sup>b</sup>John A. Paulson School of Engineering and Applied Sciences, Harvard University, Cambridge,

MA 02138, USA.

<sup>c</sup>State Key Laboratory of Coal Combustion, Huazhong University of Science and Technology, 1037 Luoyu Road, Wuhan, Hubei 430074, PR China

<sup>d</sup>China-EU Institute for Clean and Renewable Energy, Huazhong University of Science and Technology, Wuhan 430074, PR China

<sup>e</sup>School of Public Policy and Management, Tsinghua University, Beijing, 100084, PR China.

\* Corresponding authors *Email addresses*: Q. Yang (<u>qyang@hust.edu.cn</u>), X. Lu (<u>xilu@tsinghua.edu.cn</u>). Download English Version:

## https://daneshyari.com/en/article/10156321

Download Persian Version:

https://daneshyari.com/article/10156321

Daneshyari.com