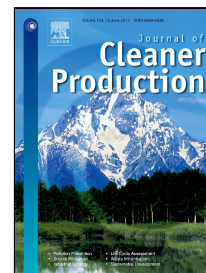


Accepted Manuscript

End-of-life treatment of crystalline silicon photovoltaic panels. An emergy-based case study

F. Corcelli, M. Ripa, S. Ulgiati



PII: S0959-6526(17)30956-3
DOI: 10.1016/j.jclepro.2017.05.031
Reference: JCLP 9566
To appear in: *Journal of Cleaner Production*

Received Date: 14 October 2016
Revised Date: 10 April 2017
Accepted Date: 07 May 2017

Please cite this article as: F. Corcelli, M. Ripa, S. Ulgiati, End-of-life treatment of crystalline silicon photovoltaic panels. An emergy-based case study, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.05.031

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

Photovoltaic panels (PV) end-of-life recovery is evaluated by Emergy Accounting.

A comparison between electricity production via PV and fossil energy is also performed.

Thermal treatment of PV panels offers a promising solution for materials recovery.

Electricity production by PV is more sustainable than electricity by fossil.

Download English Version:

<https://daneshyari.com/en/article/5480911>

Download Persian Version:

<https://daneshyari.com/article/5480911>

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