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INSPEC Accession Number: ... 37th IEEE Photovoltaic Specialists Conference (PVSC) Abstract: Provides
notice of upcoming conference events ...

Recovering pure silicon from damaged or end-of-life PV modules can lead to environmental and economic
benefits [1]. The chemical processing is a very important stage of the recycling process in order to achieve
these benefits. In this regard, the authors found a new de-metalization step of broken silicon cells and silicon
cells production waste, which resulted in a reduction of waste ...

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DOI: 10.1109/PVSC.2013.6745062 Corpus ID: 3197082; Novel flexible solar cell coverglass for space
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photovoltaic devices}, author={David Wilt and Neil A. Snyder and Phillip Jenkins and Andy Gray},
journal={2013 IEEE 39th Photovoltaic Specialists Conference ...

2011 37th IEEE Photovoltaic Specialists Conference (PVSC) To increase the competitiveness of HIT
(Heterojunction with Intrinsic Thin-layer) solar cells, we have been working on the enhancing their conversion
efficiency.

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By-pass diodes are frequently used to minimize the effects of shading on PV module power generation.
However, the functionality and effectiveness of these diode ... 2011 37th IEEE Photovoltaic Specialists



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IEEE Catalog Number: ISBN: CFP10PSC-PRT 978-1-4244-5890-5 2010 35th IEEE Photovoltaic Specialists Conference (PVSC 2010) Pages 1 - 765 1 / 5 . TABLE OF CONTENTS AREA 1: PLENARY, FUNDAMENTALS & NEW CONCEPTS. EXPERIMENTAL MEASUREMENT OF RESTRICTED RADIATIVE EMISSION IN QUANTUM

A standardized irradiance profile for use in determining MPPT efficiency is proposed, designed to minimize bias in the results, maximize reproducibility, and be easy to use. The effectiveness of maximum power point trackers (MPPTs) is an important factor in the energy harvest economics of a PV system. Inverter manufacturers want to maximize the effectiveness ...

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Gonzalez, S., Ropp, M., Fresquez, A., Montoya, M., & Opell, N. (2011). Multi-PV inverter utility interconnection evaluations. 2011 37th IEEE Photovoltaic Specialists ...

Plans for large solar energy power plants in federal and private lands of the Southwest United States (US-SW) have received opposition from some citizens and organizations citing potential impacts on wildlife. In this study, potential impacts from solar energy deployment are examined in a comparative context. Specific wildlife enhancement and impact mitigation plans undertaken ...

2011 37th IEEE Photovoltaic Specialists Conference Alta Devices, Inc. has fabricated a thin-film GaAs device on a flexible substrate with an independently-confirmed solar energy conversion efficiency of 27.6%, under AM1.5G solar illumination at 1 sun intensity.



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