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Thin Films Photovoltaics. Edited by: Beddiaf Zaidi and Chander Shekhar. ISBN 978-1-83969-905-4, eISBN 978-1-83969-906-1, PDF ISBN 978-1-83969-907-8, Published 2022-02-23. Thin film photovoltaic-based solar modules produce power at a low cost per watt. They are ideal candidates for large-scale solar farms as well as building-integrated ...

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12: Amorphous Silicon Thin Films 13: CIGS Thin Films 14: CdTe Thin Films 15: Dye-Sensitized Solar Cells . Additional resource: J. Poortmans and V. Arkhipov, Thin Film Solar Cells: Fabrication, Characterization and Applications. Wiley: West Sussex, 2006. ISBN 0470091266

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Thin Film Photovoltaics Ken Zweibel Thin-Film PV Partnership Program National Renewable Energy

Laboratory Golden, CO 80401 303-384-6441; 303-384-6430 (fax) ken_zweibel@nrel.gov The Idea of Low-Cost PV The motivation to develop thin film technologies dates back to the inception of photovoltaics. It is an idea based on

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