Development of CdS/CdTe Tin Film Devices for St. Gobain Coated Glass

Cooperative Research and Development Final Report

CRADA Number: CRD-08-317

NREL Technical Contact: Tim Gessert

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CRADA number: CRD08-317 (WRA7)

CRADA Title: Development of CdS/CdTe Thin Film Devices for St. Gobain Coated Glass

Parties to the Agreement: Saint-Gobain

Joint Work Statement Funding Table showing DOE commitment:

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<th>Estimated Costs</th>
<th>NREL Shared Resources</th>
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<tr>
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Abstract of CRADA work:

Research performed at NREL to produce CdS/CdTe devices on St. Gobain coated-glass material to establish a baseline CdS/CdTe device process and determine baseline device performance parameters on St. Gobain material. Performance of these baseline devices compared to similar devices produced by applying the established baseline CdS/CdTe process on alternative St. Gobain coated-glass materials.

Summary of Research Results:

Research results detailed in papers presented at 2010 Spring Meeting European Materials Research Society and 36th IEEE Photovoltaics Specialists Conference. Two papers resulted from research are indicated below.


Subject Inventions listing: None

Report Date: February 1, 2012

Responsible Technical Contact at Alliance/NREL: Tim Gessert, Group Manager, Principal Scientist

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