Evaluation of Lifetime of High Efficiency Organic Photovoltaic Devices

Cooperative Research and Development Final Report

CRADA Number: CRD-10-379

NREL Technical Contact: Dana Olson
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CRADA Number: CRD-10-379

CRADA Title: Evaluation of Lifetime of High Efficiency Organic Photovoltaic Devices

Parties to the Agreement: Solarmer Energy

Joint Work Statement Funding Table showing DOE commitment:

<table>
<thead>
<tr>
<th>Estimated Costs</th>
<th>NREL Shared Resources</th>
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<td>Year 1</td>
<td>$ 25,000.00</td>
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<tr>
<td>Year 2</td>
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<td>TOTALS</td>
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</table>

Abstract of CRADA work:

As a part of this joint work, Solarmer and NREL will investigate the lifetime and stability of Organic Photovoltaic Devices based on Solarmer high efficiency active layer materials.

Summary of Research Results:

We performed initial evaluation of the device lifetime characteristics of polymer systems. In addition we aided in efficiency testing of high performance polymer systems.

Subject Inventions Listing:

None

Report Date: 3/18/2013  Responsible Technical Contact at Alliance/NREL: Dana Olson

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