PV Module Stewardship and Takeback Program Update
Current Status

- The statewide collection program is not currently operational.

- No sites (that I’ve heard of) in WA recycling PV modules.

- Recycling locations in:
  - Idaho
  - Ohio
  - Wisconsin

- Program collection begins January 2021.

- Creating guidance plan for manufacturers.
What Does the Law Say?

- SB 5939 passed in 2017
  - Primarily a tax incentive bill.

- Created Chapter 70.355 RCW, Photovoltaic Module Stewardship and Takeback Program
  - PV module manufacturers responsible for financing the takeback and recycling system.
Examples Covered in Program
Examples NOT Covered in Program
Ecology’s Role

• Create guidance document that manufacturers will follow when:
  • Creating stewardship (recycling) plan.
  • Preparing annual report.
  • Listing downstream vendors.
  • Creating collection network.
## Stakeholder Advisory Group

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization/Position</th>
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<tbody>
<tr>
<td>Bill Angel</td>
<td>Whatcom County Health</td>
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<tr>
<td>Evan Bush</td>
<td>Itek Energy</td>
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<tr>
<td>David Thompson</td>
<td>Panasonic Corporation of North America</td>
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<td>Kirk Haffner</td>
<td>South Sound Solar</td>
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<td>Dean Van Vleet</td>
<td>Solar Washington</td>
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<td>Matthew Garamone</td>
<td>First Solar, Inc.</td>
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<td>Evelyn Butler</td>
<td>Solar Energy Industries Association</td>
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<td>Rick Matheson</td>
<td>Silicon 2 Solar</td>
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<td>Garvin Heath</td>
<td>National Renewable Energy Laboratory</td>
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<td>Rod Whittaker</td>
<td>Washington Refuse and Recycling Association</td>
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<td>Heather Trim</td>
<td>Zero Waste Washington</td>
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<td>Sego Jackson</td>
<td>Seattle Public Utilities</td>
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<td>Jake Walters</td>
<td>CED Greentech</td>
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Timeline

- **July 2019** – Final guidance document published.

- **January 2020** – Initial plans submitted to Ecology.

- **January 2021** – Plans are implemented and collection operational.

- **January 2021** – Only manufacturers participating in a plan can sell in or into Washington.
Next Steps

- Fourth of four meetings scheduled for November 9th.

- Review comments and suggestions from advisory group.

- Publish final guidelines that include requirements for approved recycling plans.

Thank You

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