



Solar Express Year-End Review
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Why a Solar Program?

- Promote solar as an energy resource
- Educate our community
- Build infrastructure within Snohomish County
- Reduce market barriers
- Support our Customers



Renewable Energy Leadership!

Solar Express Program Overview

Cash Incentives

- Available to all PUD Customers
 - PV:\$500/kW up to:
 - \$2,500 (residential)
 - \$10,000 (commercial)
 - SHW:\$500/system
 - Existing electric water heater



Loans

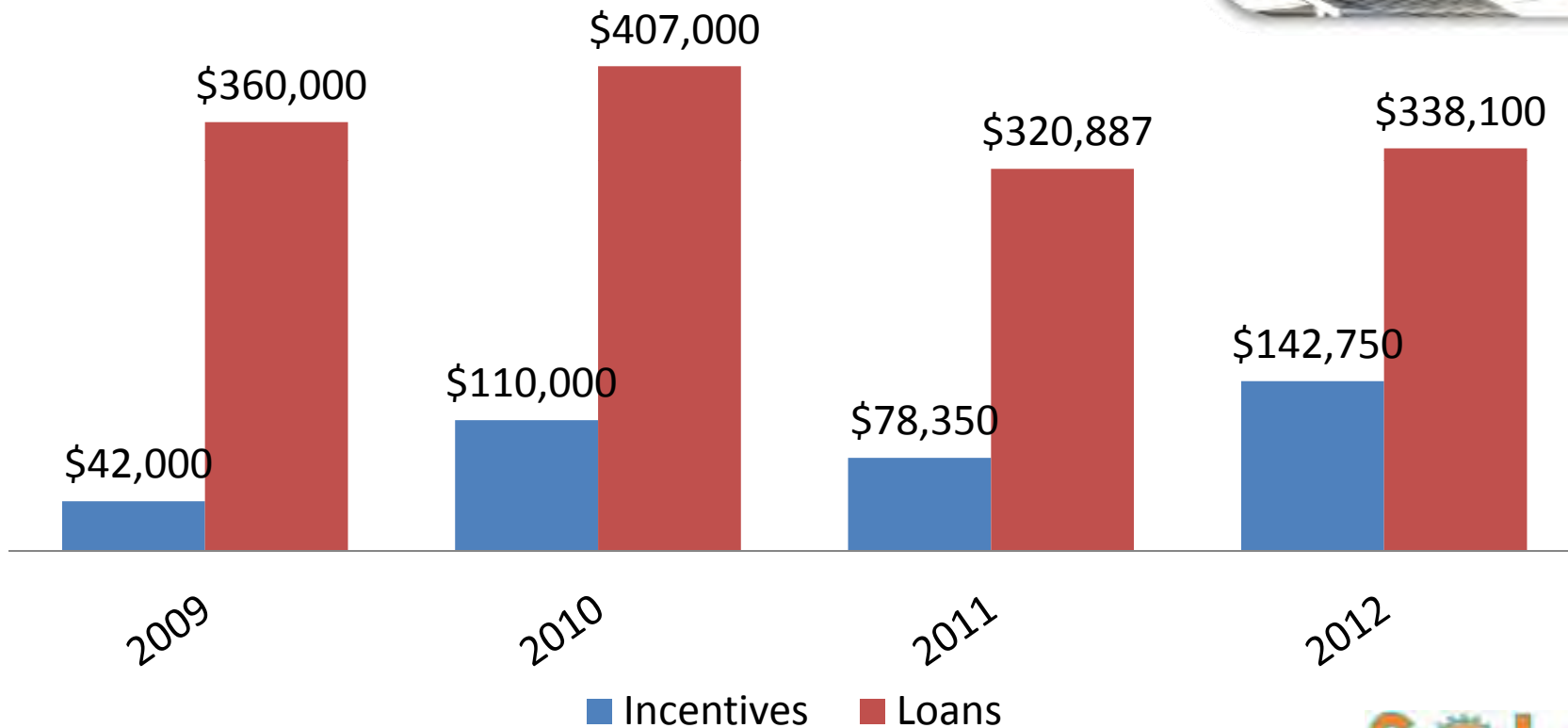
- For Residential Customers:
 - PV: up to \$25,000
 - SHW: up to \$14,000

Project Requirements

- Pre-approval, registered installer, etc.

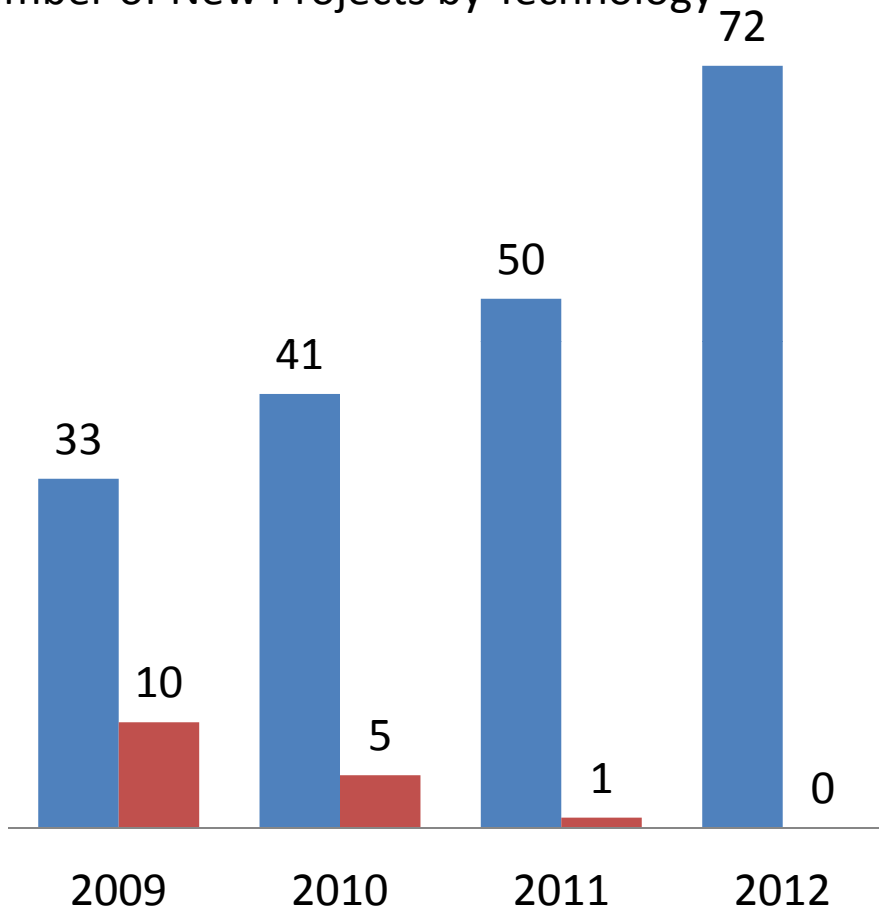


Solar Express- Funding

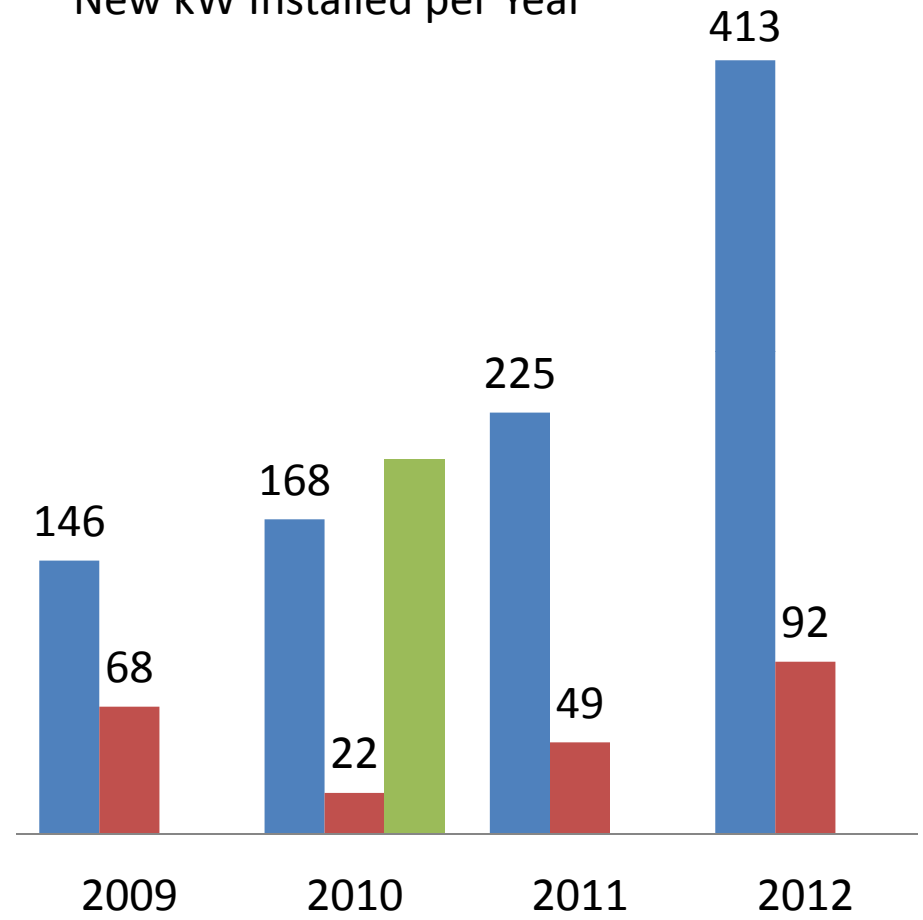


Solar Express

Number of New Projects by Technology



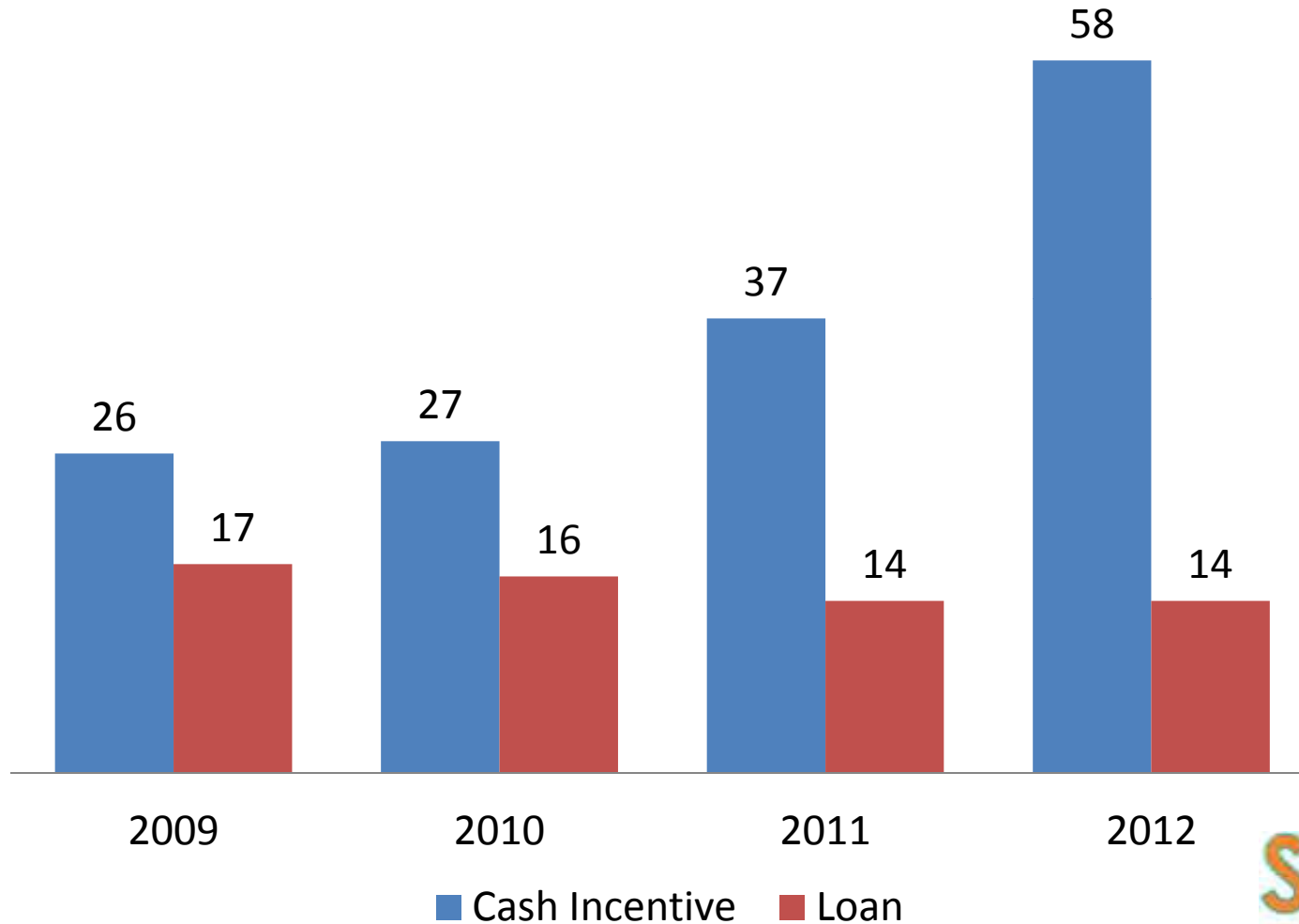
New kW Installed per Year



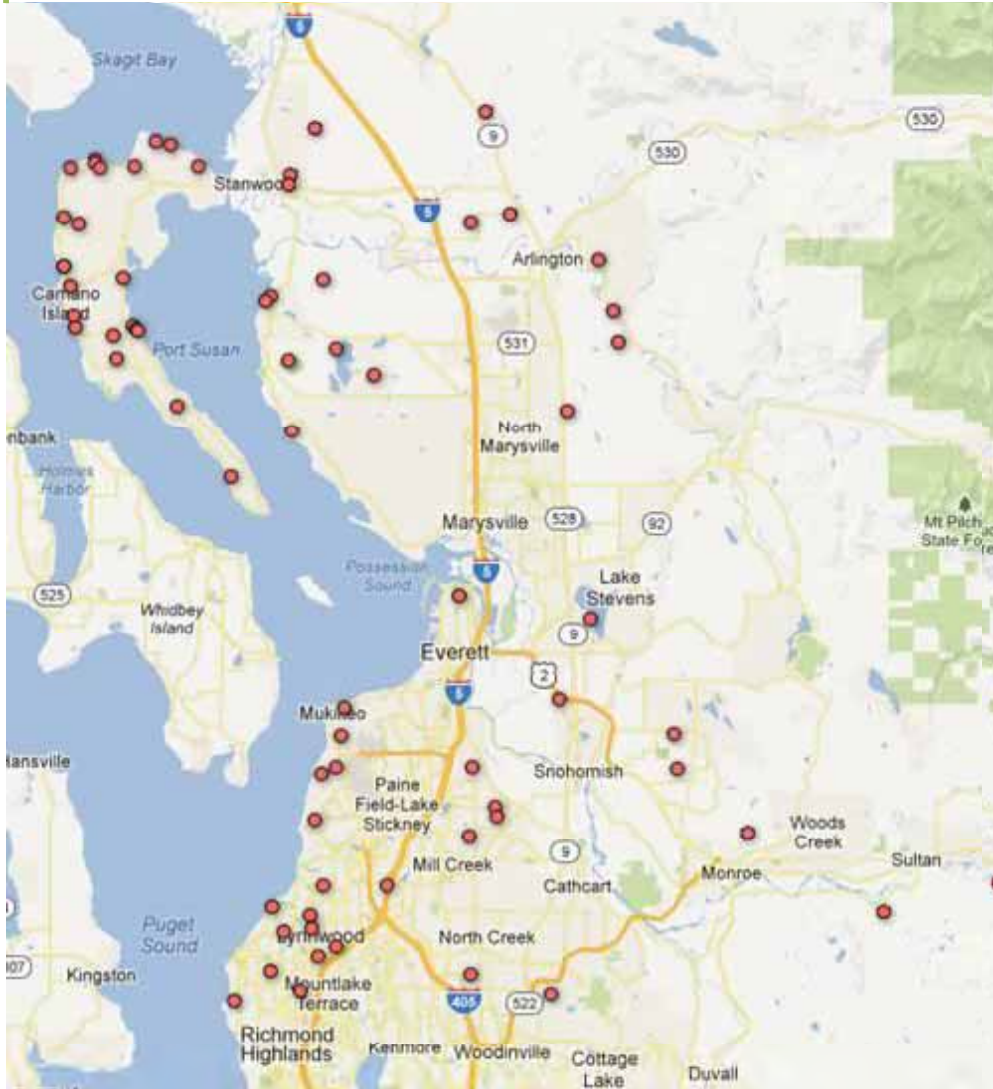
■ PV projects ■ SHW projects

■ Solar Exp ■ Other Net Meter ■ Spec Proj

Solar Express – number of projects by funding type



Solar Express- New Installations 2012



2012 Specs

- 77 Residential
- 13 Commercial
- 1 Community Solar

Avg Residential Size: **5.1 kW**

Avg. Non-WA Cost: \$4.60 /W

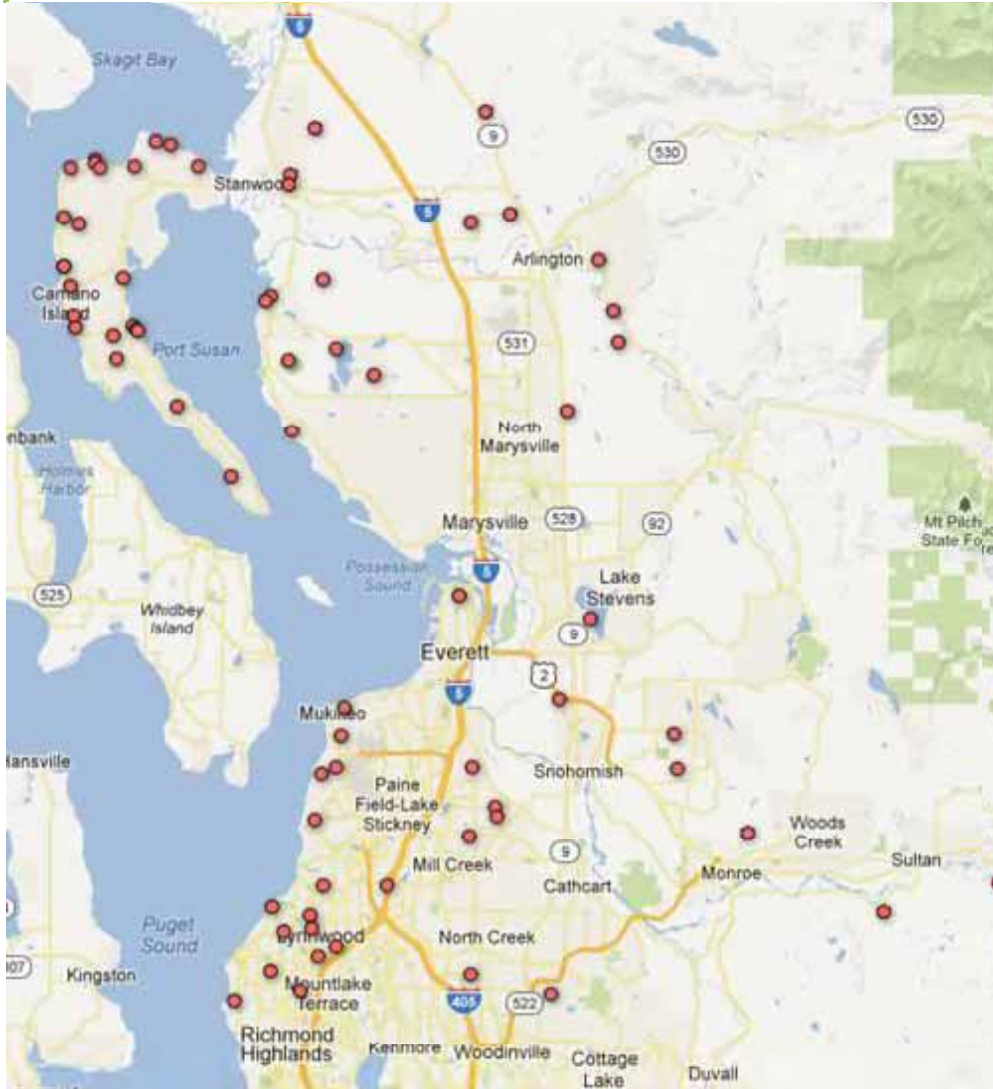
Avg. WA-Made Cost: \$6.67/W

69% use WA-made modules

Total Net Metered: 1555 KW

Total Solar Express: 1160 KW

All Net Metered Systems



2012 Specs

- 77 Residential
- 13 Commercial
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Avg Residential Size: **5.1 kW**

Avg. Non-WA Cost: \$4.60 /W

Avg. WA-Made Cost: \$6.67/W

69% use WA-made modules

Total Net Metered: 1555 KW

Total Solar Express: 1160 KW

Production Data July 2011-June 2012

190 systems installed prior to July 2012

- Produced 806 MWhs July 2011- June 2012
- Administered \$142,000 for those MWhs (5.5% of our yearly limit)

148 systems installed prior to July 2011

- Average production per kW: **923 kWh**

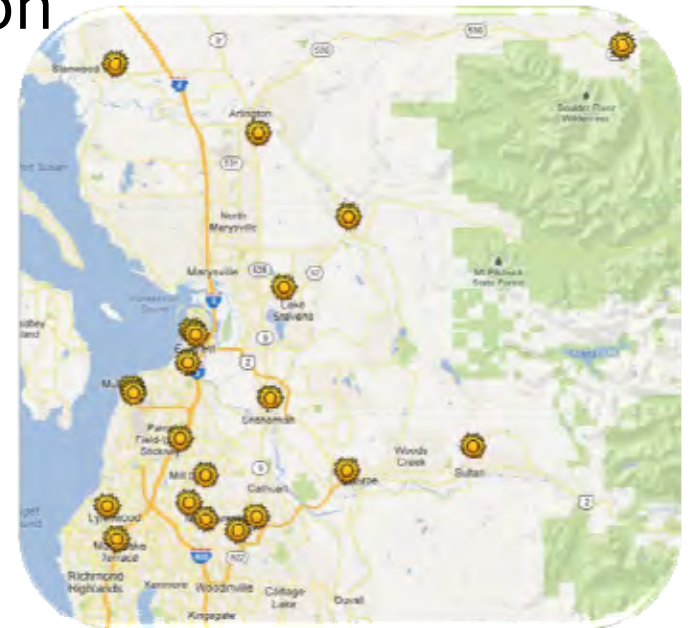
5 systems with battery backup

- Average production per kW: **584 kWh**



Other Accomplishments

- PUD ran 2 Solarize campaigns: approx 45 installations
- Participated in DOE SunShot Initiative to reduce interconnection barriers
- Planet Power participants funded 6 new demo projects on schools and non-profit buildings



Thank You!

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