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Solar City Program Update

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Sustainability Standing Committee
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Solar City Program Basics

- Simple six step process
- Open market approach
- Third party review
- Eligible property owners include:
 - Residential
 - Not for profits
 - Places of Worship
 - Co-ops
 - Charities
- Solar energy options
 - Solar hot water
 - Solar hot air
 - Solar electric



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Feedback

- Contractors
 - Application for financing is too complicated
 - Mandatory solar monitoring
- Property owners
 - Unsure of the most suitable technology
 - Unsure of which contractors to contact
 - Not getting a response from contractors

Modifications

- Redesign of registration
- Revised six-step process
- Increased communication
- Simplified system application
- Changes to mandatory monitoring

Program Statistics

- 1,200 registrations
- 65 approved system applications
- Energy avoided annually
 - 340,500 kWh
 - 5,200 kWh per system
- GHG reduction annually
 - 220 tonnes of eCO₂
 - 3 tonnes per system
- Value of approved systems
 - \$961,000
 - \$15,000 per system



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Solar Hot Water

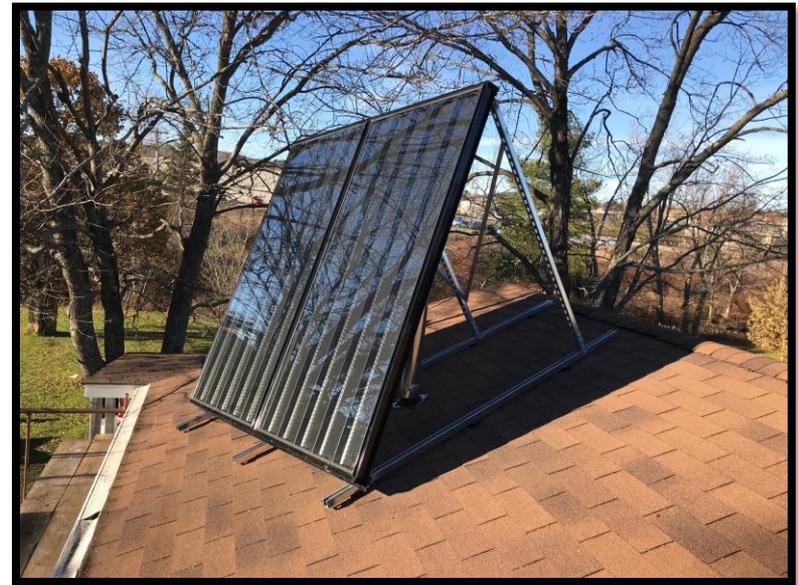
- 21 approved systems
- 55,000 kWh saved
- 31 tonnes eCO₂ saved
- \$195,000 in approved systems
- \$9,300 average system cost
- 115% average return on investment



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Solar Hot Air

- 1 approved system
- 3,200 kWh saved
- 2 tonnes eCO₂ saved
- \$16,515 for approved system
- 58% return on investment



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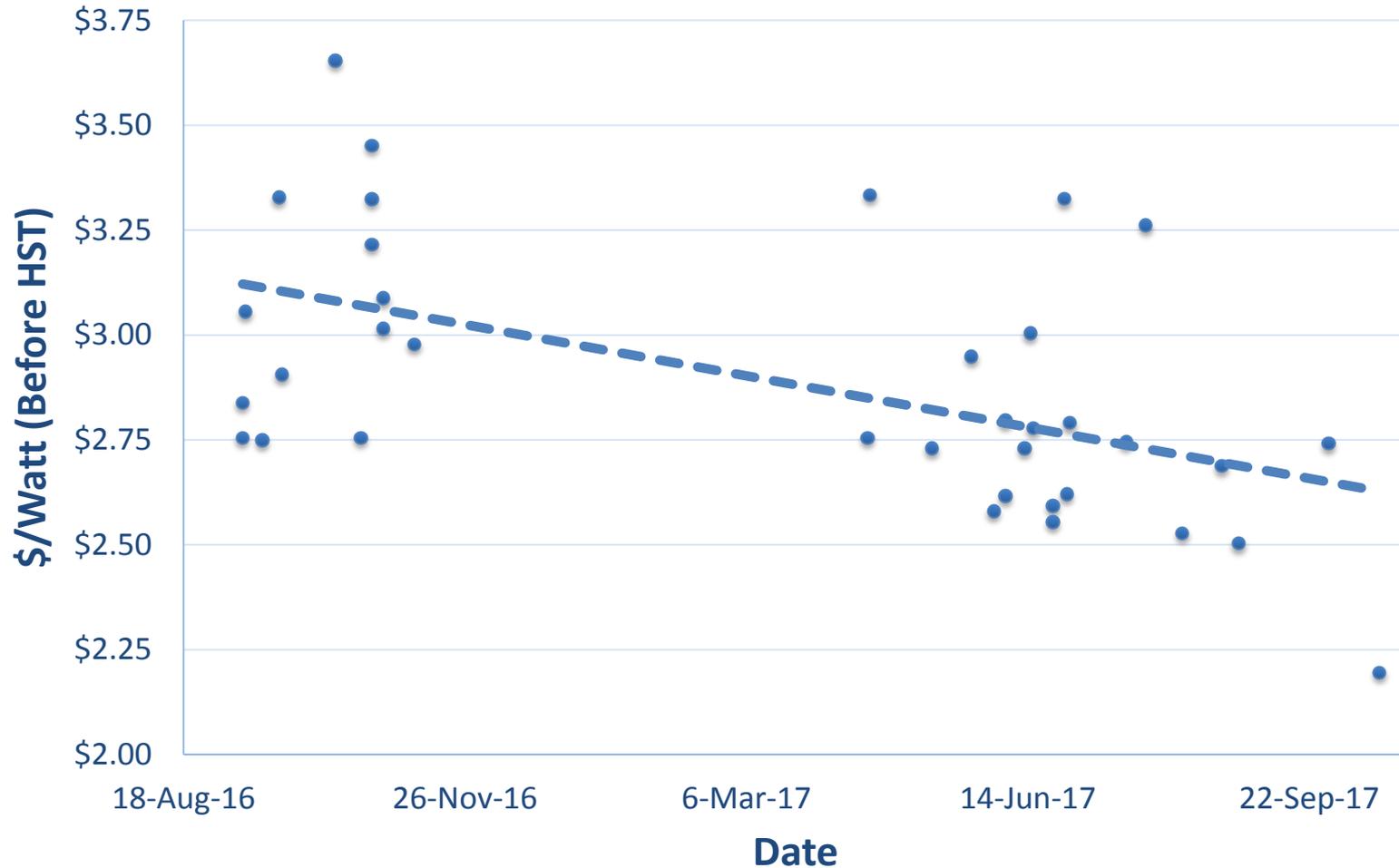
Solar Electric

- 37 approved systems
- 282,000 kWh saved
- 189 tonnes eCO₂ saved
- \$750,000 in approved systems
- \$17,500 average system cost
- 178% average return on investment



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Solar City – Solar Electric Pricing



Going forward

- Comprehensive winter marketing campaign
 - Home shows
 - Social media
 - Community papers, radio, print
 - Councillor channels/newsletters
- Solar Electric Open Dataset
 - Targeting a February release
 - Potential for research partnerships

Since the Report

- Total of 1,400 registrations
- 20 additional approved systems
 - 17 solar hot water
 - 3 solar electric
- \$1.1M Total value of all systems to date



Thank You

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