MA SMART – The EDC Perspective

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Brian Rice - Eversource

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The following presentation summarizes the electric distribution companies’ proposed terms and conditions for the SMART program and tariffs, which have not yet been ruled on by the DPU as of the date of this presentation. Given the pendency of a final decision, if any person relies on any of the content of this presentation to make decisions, he or she is doing so at his or her own risk. The DPU may approve, modify, or reject any aspect of the SMART program and tariffs that are summarized here. It is the responsibility of readers and viewers of this presentation to inform themselves of the final outcome(s) of the SMART proceeding, and any eventual difference(s) from the content provided here.
Agenda

- **The Interconnection Process** – What’s changing, what won’t

- **Role of the EDC** – EDC interactions with program participants and the SPA

- **MA SMART compensation** – How system owners will collect value under MA SMART
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### MA SMART Overview

#### Fundamental similarities
- EDC role in interconnecting PV systems
- Net metering – Rules, caps, compensation

#### Fundamental differences
- Responsibility for system production tracking
- Monetization of incentives
- The AOBC mechanism as a virtual net metering alternative

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**Key change – New role for EDC’s in collecting, tracking system output, and paying output-based incentives**
The Interconnection Process

Things staying the same:

- EDC specific processes and tools for making, monitoring interconnection requests
- Interconnection timelines
- EDC teams supporting the interconnection process

The MA SMART / SPA incentive application process is designed to complement the EDC interconnection process, not replace it
The Interconnection Process

Things that will change:

- Additional applicant-paid metering charges
- In behind the meter situations, need for a second, utility installed meter for measuring system output behind the retail meter
  - Will require customer-installed wiring, installation of a second meter socket
  - Must be adequately accessible, proximate to existing utility revenue meter
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<table>
<thead>
<tr>
<th>Issue type</th>
<th>Primary point of contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>General MA SMART Program questions</td>
<td>CLEAResult</td>
</tr>
<tr>
<td>Program / adder eligibility questions</td>
<td></td>
</tr>
<tr>
<td>Incentive application status / process questions</td>
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- **MA SMART compensation** – How system owners will collect value under MA SMART
## Key Distinction

<table>
<thead>
<tr>
<th>Behind-the-Meter</th>
<th>Standalone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Behind-the-Meter System" /></td>
<td><img src="image2.png" alt="Standalone System" /></td>
</tr>
<tr>
<td>System that serves on-site load other than parasitic or station load utilized to operate the unit</td>
<td>System that serves no associated on-site load other than parasitic or station load utilized to operate the unit</td>
</tr>
</tbody>
</table>

Behind the meter systems will be compensated differently than standalone systems
# Behind the meter system compensation

## Non-SMART Compensation

<table>
<thead>
<tr>
<th>Rate</th>
<th>Volume</th>
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<tbody>
<tr>
<td><strong>Net metered</strong></td>
<td>Retail net metering rate during billing cycle</td>
<td>Net excess generation</td>
<td>Monthly bill credit</td>
</tr>
<tr>
<td><strong>QF</strong></td>
<td>Relevant purchased power tariff rate</td>
<td>Applied to all net exports</td>
<td>Varies</td>
</tr>
</tbody>
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## SMART Incentive Compensation

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<tbody>
<tr>
<td><strong>Net metered &amp; QF</strong></td>
<td>Base compensation rate (net of adders / subtractors) less fixed VOE</td>
<td>Production meter output, net of parasitic load (not net of other on-site load)</td>
<td>Monthly payment from EDC</td>
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<td>AOBC</td>
<td>Basic service rate in effect as of billing period</td>
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# 2018 Distributed Generation Workshops

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Hosting EDC</th>
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<tbody>
<tr>
<td>July 19</td>
<td>Waltham</td>
<td>nationalgrid</td>
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<tr>
<td>August 23</td>
<td>Hadley</td>
<td>EVERSOURCE</td>
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<tr>
<td>September 12</td>
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<tr>
<td>October 18</td>
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<td>November 7</td>
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</tr>
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[https://sites.google.com/site/massdgic/home/interconnection/workshops](https://sites.google.com/site/massdgic/home/interconnection/workshops)