Tracking Systems: Recent Developments & Planned Improvements

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Midwest Renewable Energy Tracking System
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BACKGROUND

• **Mission:** M-RETS validates the environmental attributes of energy to serve as a trusted centralized gateway to environmental markets.

• **Independent non-profit**

• Developed out of stakeholder process with regulators, renewable energy advocates, generators & utilities.
“The concept is simple: Instead of offering consumers a discrete set of products, companies are instead increasingly developing networks or systems that enable participants to exchange information, services and products in many different directions. Think AirBnB, Uber or Amazon.”

CUSTOMERS expect seamless interactions and compare experiences globally—not just between direct competitors

*http://midwestenergynews.com/2017/10/05/platform-model-will-be-key-for-illinois-future-power-grid/
HUMAN CENTERED DESIGN TOWARDS PLATFORM MODEL

A process that starts with the people you are designing for and ends with new solutions that are tailored to suit their needs.
COMMON THEMES

Clean
Simple
Accessible
Efficient
Reliable
A CLEAN DASHBOARD WITH EASILY NAVIGABLE MENU AND QUICK ACCESS TO FREQUENT ACTIONS
## Transfer RECs

**Transferring 82,596 active RECs from**

<table>
<thead>
<tr>
<th>Account</th>
<th>ID</th>
<th>Project</th>
<th>Fuel Type</th>
<th>Vintage</th>
<th>State</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC Fuel</td>
<td>H763</td>
<td>Brighton Wind (Unit 1)</td>
<td>Wind</td>
<td>03/2016</td>
<td>MN</td>
<td>41,480</td>
</tr>
<tr>
<td>REC Fuel</td>
<td>H763</td>
<td>Happy Valley WindFarm Inc</td>
<td>Wind</td>
<td>03/2016</td>
<td>MN</td>
<td>41,116</td>
</tr>
</tbody>
</table>

### for these active accounts:

<table>
<thead>
<tr>
<th>Accounts</th>
<th>Percent</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>MN Active RECs</td>
<td>20%</td>
<td>16,519</td>
</tr>
<tr>
<td>ND Active RECs</td>
<td>20%</td>
<td>16,519</td>
</tr>
<tr>
<td>SD Active RECs</td>
<td>20%</td>
<td>16,519</td>
</tr>
<tr>
<td>WI Active RECs</td>
<td>20%</td>
<td>16,519</td>
</tr>
</tbody>
</table>

RECs will be immediately transferred to the accounts listed at left. You can go back to make changes to this transaction.
FRICTIONLESS SHARING OF TRANSACTION DETAILS WITH KEY STAKEHOLDERS
CONCLUSION

• Goal of M-RETS is to reflect the rapidly changing energy markets and increase subscriber value
• **System security and data integrity are critical**
• Flexible, scalable and modern platform
• Streamline process for subscriber community and regulators