



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.

PLATFORM ECONOMY + AGE OF THE CUSTOMER

“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

M-RETS Search for accounts or projects ... Bess Griffin

Dashboard

RECs Accounts Projects Generation Reports Help

Dashboard STATUS: Updated 1 minute ago

12,345 RECs were issued to your accounts since you last logged in. View Transactions

Your project New Glen Wind Farm was rejected by the MRETS administrator. View Project

My RECs View All All Accounts

ACTIVE 22.3 MM

by Fuel Type by Eligibility

Wind	12.44 MM
Hydro	2.67 MM
Biomass	1.13 MM
Other	277.8K

RETIRED 34,708,517 RECs

ISSUED LAST MONTH 42,477 RECs

Generation View All Upload HYDRO BIOMASS WIND OTHER All Projects Select a Date Range

Projects View All Register New Project All Projects

ADAMS WIND FARM
Meter ID: 99670
Fuel Type: Wind
COD: 03/07/2008

APPLE VALLEY WIND
Meter ID: 18749628
Fuel Type: Wind
COD: 02/01/2013

BAYFIELD UNIT 1
Meter ID: 628654
Fuel Type: Wind
COD: 08/21/2014

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A CLEAN
 DASHBOARD
 WITH EASILY
 NAVIGABLE MENU
 AND QUICK
 ACCESS TO
 FREQUENT
 ACTIONS



M-RETS Planet Express Power Company Search for accounts or projects ... Bess Griffin

Transfer RECs

STATUS: Updated 1 minute ago

Transferring 82,596 active RECs from

Account	ID	Project	Fuel Type	Vintage	State	Quantity	
REC Pool	M763	Brighton Wind (Unit 1)	Wind	09/2016	MN	41,480	Details
REC Pool	M763	Happy Valley Windfarm Inc.	Wind	09/2016	MN	41,116	Details

to these active accounts:

Accounts	Percent	Amount
MI Active RECs	20 %	16,519
MN Active RECs	20 %	16,519
ND Active RECs	20 %	16,519
SD Active RECs	20 %	16,519
WI Active RECs	20 %	16,519

Complete Transfer
Back

RECs will be immediately transferred to the accounts listed at left. You can [go back to make changes](#) to this transaction.

CLEAR
 SUMMARIES OF
 MAJOR
 PLATFORM
 TRANSACTIONS



☰ M-RETS Northern States Power Company

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🔔 Bess Griffin ▾

Your retirement was successful!

NEED TO SHARE THIS?
Enter the email addresses that you would like to receive a confirmation of 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