



Midwest Renewable Energy Tracking System, Inc.
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M-RETS Subscriber Meeting Small Group Discussion Topics

Discussion takeaways of the individual groups will be shared with the larger group so please designate someone who will be able to share with the larger group on each discussion topic.

Distributed Generation

With the creation of distributed generation (DG) carve outs and solar carve outs in state renewable portfolio standards (RPS) M-RETS is expecting a growth in registration of DG generators. M-RETS operating procedures and fee structures were originally designed with a focus on large central generation. To prepare for expected growth in DG registrations we would like you to discuss potential changes to M-RETS to accommodate DG including the following specific areas.

- A. Changes to the fee structure/account holder types to facilitate registrations with a balance for all stakeholders
- B. Prevention of double counting. It is expected these generators will be less sophisticated in their understanding of RECs and M-RETS. How can we reduce or eliminate the same generator from have double counting of RECs because they sign up with multiple aggregators on purpose or by accident. Specifically we would like you to address using GPS coordinates for generators.
- C. Are DG facilities going to be net metered? If so? and account holders want RECs for the full production of the facility how should that be metered? Currently M-RETS requires revenue grade meters but would inverter data be sufficient to maintain the integrity of M-RETS RECs? What are the cost impacts and therefore barriers of different options?

111(d) – All Generation Tracking

The EPA has defined the building blocks to meeting compliance under 111(d) to be;

1. Make fossil fueled-fired power plants more efficient
2. Use lower-emitting power sources more
3. Build more zero/low emitting energy sources
4. Use electricity more efficiently

Currently M-RETS only gathers renewable energy production from Midcontinent Independent System Operator (MISO) but it could gather all generation production in the MISO footprint.

Is there a role for M-RETS to facilitate building blocks 1 and 2 by tracking all power generation?

If so how do we do that, do we use average emissions, measured emissions, do we create certificates that are potentially tradable?

What else needs to be considered if M-RETS were to fill this role?

111(d) – Tracking Energy Efficiency

As stated on the previous page energy efficiency is one of the building blocks for 111(d).

Is there a role for M-RETS to track energy efficiency?

Knowing that different states and programs will have different methods and constants for calculating efficiency savings what is the best way for M-RETS to facilitate this tracking? Does M-RETS create a standard or adjust to the standards as each state defines them?

Are certificates being traded and if so what do they look like? Are offsets shown on the certificate so maybe efficiency performed in a state with a higher share of fossil fuel generation has a larger offset compared to a state with a lower fossil fueled fleet? Perhaps it is based on the generation mix for all of MISO?

Participant Suggestions

This is your meeting and your time. If you have questions or topics for the group to discuss related to M-RETS, Renewable Energy, EPA 111(d), or otherwise now is an opportunity for you discuss with your peers.