

IL Market Transformation SAG meeting Wednesday, March 17, 2021

AU	822	12,349,000
EJR	680	238,681,000
HPL	862	85,878,000
KEE	15,000	8,369,000
NAH	6,569	189,301,000
QOP	6,602	102,978,000
TIK	890	24,697,000
WIG	6,280	76,002,000
AHD	5,000 2,436	57,610,000

Midwest MTC Journey

- Establishment of MT infrastructure in the Midwest
 - Forum for jointly identifying and assessing MT initiative opportunities for regional collaboration (via meetings, webinars, trainings)
 - Initiative development process
 - Development of MT tools and best practices
 - Business plan template and instructions
 - Logic model explanation and instructions
 - MT screening criteria
 - Regulatory filing language

Midwest MTC Journey

- Development and support activities for initial MT initiatives:
 - Gas Heat Pump Water Heaters (Business Plan, Logic Model, Market Characterization Research, Savings Baseline)
 - Commercial Food Service (Midstream Pilot, Baseline Study)
 - Building Operator Certification (Business Plan, evaluation review)
 - Code Compliance (Implementation Plan)
- Developed 6 MT Opportunity Briefs for MW MTC consideration
 - 2019
 - Luminaire Level Lighting Controls
 - Commercial Food Service
 - 2020
 - Thin triple windows
 - Residential Detachable Low-E Storm Windows
 - Commercial Window Attachments
 - Electric Heat Pump Water Heaters
 - Next Generation Refrigerators

Midwest Market Transformation

Collaborative Members

- ComEd
- Ameren Illinois
- Nicor Gas
- Peoples Gas/North Shore Gas
- Consumers Energy
- DTE
- Xcel Energy
- CenterPoint Energy

MW MTC Initiatives – under consideration

- Luminaire Level Lighting Controls
- Next Generation Refrigerators
- Commercial Food Service
- Thin Triple Windows
- Low-E Storm Windows
- Commercial Window Attachments
- Gas Heat Pump Water Heaters
- IL Code Compliance
- Electric Heat Pump Water Heaters
- IL Stretch Codes

MT Collaborative 2.0 Evolution



MW MTC Structure 2.0

- Managing organization – MEEA
- Technical consultant – Resource Innovations
- MTC members – open to all MEEA members
 - Collaborative will include some utility-only meetings
- Funding – managing common collaborative efforts requiring no add'l funding
 - *Analysis of call for MT Ideas, pursuing specific MT initiative development, RFP management, state regulatory action, would need funding*

MW MTC Activities

MW MTC meetings (bi-monthly) – utilities only

- Status updates on all MW MTC initiatives
- Utilities include their implementers at their discretion
- Forum to identify new MT opportunities
 - MW MTC does an initial analysis of the MT opportunity
 - Assess what is needed for next steps: market characterization, baseline study, MT business plan, implementation plan, etc.

MW MTC meetings (quarterly) – MEEA members only

- Status update on all MW MTC initiatives
- Forum to identify new MT opportunities

MW MTC overview of activities to SAG, MPSC – EWR working groups and other stakeholder groups

MW MTC Activities

Topic-specific calls for MT opportunities

- Secure outside experts to present on new MT ideas and emerging technologies
- Platform for utilities and their implementers to discuss approaches to bring emerging technologies to market.
- Allow MT technical experts to weigh in and share insights on which technologies are ripe for MT and which may be better pursued through traditional RA.
 - Ultimately, utilities drive which technologies are pursued through MT
- Determine next steps needed by each utility

MW MTC Activities

Manage development of each MT initiative

- Coordinate each MT initiative development with the sponsoring utilities
 - Draft and release RFP (if requested), coordinate with utilities' R&D implementors
 - Track and provide updates on each step in MT program development
- Develop specific materials for utility/state stakeholder/approval process

MW MTC Activities

Host Annual Regional Meeting for External Stakeholders

- Educate key stakeholders on market transformation generally
 - Present current programs and technologies from other regions and discuss potential for the Midwest
 - Highlight regulatory processes/approval/support in other Midwestern states
- Provide annual update on current MTC Initiatives
 - MT development stage, sponsoring utilities
 - Coordinate with external stakeholders to solicit feedback
- Solicit new ideas for MTC consideration/Brief on MT ideas submitted
 - Establish regional forum to receive ideas from external stakeholders
 - Manage and evaluate MT ideas from external stakeholders for MTC consideration
 - Share evaluation results with member utilities and facilitate discussion

MT Ideas Submission Process

- Set expectations
- Online form to submit MT ideas – description of market, technology and MT characteristics
- Follow up for clarifications
- Analysis of MT ideas with initial outline of potential next steps
- MW MTC utilities will decide whether to:
 - Start a new initiative
 - Develop research steps to investigate the idea further
 - Put on a list of longer-term pipeline ideas
 - Not proceed
- Review the results with stakeholders
 - Each proposer will be notified of the outcome for their proposal in advance of the public meeting.

MT Development Process

Once an initiative is being funded:

- Sponsoring utilities work with MW MTC to identify development plan
 - Option to release RFP to bid out the work or work with utilities' existing implementors
 - MW MTC will assume level of management based on direction and need of sponsoring utilities.
 - MW MTC can also contract and manage MT subcontractor, if requested



Thank You!

