

Michigan Energy Measures Database (MEMD) Process Review Update

Discussion with the Energy Waste Reduction Collaborative
November 21, 2017



MEMD Process Review Update Agenda

1

Focus Areas and Changes

2

Deliverables and Timeline

The team developed draft definitions to inform the MEMD update process to provide greater clarity to stakeholders. Definitions were further refined with feedback from Commission Staff and Collaborative members.

FIGURE 1. MEMD PROCESS REVIEW: DEFINITIONS

DEFINITIONS
FOCUS AREAS

- **General Terms**
 - Deemed savings
 - Workpapers
 - Others
- **Measure Types**
 - Prescriptive
 - Custom
 - Hybrid
 - Behavior
- **Measure Update Type**
 - New measure
 - Modified measure
- **Stakeholders & Responsibilities**
 - MPSC Staff
 - Utilities
 - EWR Collaborative/Technical Committee
 - MEMD Developer
 - Measure sponsor(s)

KEY CHANGES

- **Defined key concepts referenced in the MEMD and the maintenance process**, the concepts are outlined in four categories, (1) MEMD Stakeholders, (2) MEMD Terminology, (3) EWR Measure Types, and (4) MEMD Measure Update Classifications
- **Streamlined language to Modified Measure** (from Revision and New Application Measures) for measure updates or measures which share the same principal technology or demand/energy savings mechanism as an existing measure in the MEMD

The Team is currently updating the MEMD Update Process Flowchart and documentation to refine steps, clarify stakeholder roles and responsibilities, identify measure requirements, and address the compressed review timeline.

FIGURE 2. MEMD PROCESS REVIEW: UPDATE PROCESS

UPDATE PROCESS
FOCUS AREAS

- **MEMD Maintenance and Update Process**
 - New measure and measure updates
 - Calibration research
 - Annual baseline maintenance
 - QA/QC enhancements
- **Stakeholder Roles and Responsibilities**
 - Scope of review
- **Measure Submittal Requirements**
 - Required documentation
 - Level of rigor
- **Behavior Measure Visibility and Calibration**
- **Measure Submittal and Review Timeline**

KEY CHANGES

- **Added New and Modified measure requirements**, including qualitative metrics
 - Reasonable savings estimates
 - Representative baseline
 - Michigan specific parameters
 - Measure interactions considered
 - Reasonable data timeframe
 - Final data utilized
- **Aligned all Modified measure submission dates** to occur at the same time on May 1, giving more time for review (i.e., Modified measures include measure calibration, pilot measures which are currently due June 1)
- **Added description of the MEMD Developer** (or Morgan Marketing Partners') **MEMD maintenance process** (i.e., updating measures based on federal code or standard changes, corrections in the MEMD)
- **Added Calibration Prioritization Framework** and aligned submission dates with Modified measure submission dates to occur earlier in the year
- **Proposed existing measure review process** (separate from measure calibration and MEMD Developer's updates)

The Team identified a number topics for discussion with the MEMD Technical Subcommittee to further inform MEMD maintenance process updates. The MEMD Technical Subcommittee identified several process improvements.

- **MEMD Workpapers:** We agreed Final MEMD workpapers should be made available to the public, on a limited basis.
- **Measure Sponsor Process:** We agreed to strongly encourage measure sponsors to work with a utility to submit a New or Modified measure. However, we would not prohibit measure sponsors from submitting a measure if they do not work with a utility.
- **MEMD Technical Subcommittee Review:** We agreed the Process Review Team would develop a more detailed strategy for assigning members of the Subcommittee to primarily be responsible for review of select measures.

The Team identified a number topics for discussion with the MEMD Technical Subcommittee to further inform MEMD maintenance process updates. The MEMD Technical Subcommittee identified several process improvements.

- **Measure Review and Approval Process:** We agreed to approve measures by a combined consensus and measure scorecard based approach. Subcommittee members would complete a measure scorecard for a given measure, and the Subcommittee would discuss the results and come to consensus on whether to approve measures to move forward for the next round of review by Morgan Marketing Partners.
- **Technical Subcommittee Members:** We agreed Technical Subcommittee members would be established on a volunteer basis, but must be technically qualified and approved by Commission Staff.
- **Draft MEMD Signoff Process:** We agreed to require Measure Sponsors to review the Draft MEMD, to ensure workpaper calculations and data were interpreted and applied correctly, and then indicate this review was conducted through a sign-off process.

The Team will provide draft deliverables for Commission Staff and Collaborative feedback at subsequent MEMD Technical Subcommittee Meetings.



DEFINITIONS

UPDATE PROCESS

COMMUNICATION

KEY DELIVERABLES

A comprehensive list of definitions for MEMD related terminology

A revised MEMD Update Process Flowchart and detailed supporting documentation

A presentation identifying communication best practices and recommendations

TARGET MEMD TECHNICAL SUBCOMMITTEE MEETINGS

✓ August

✓ Draft – October
Final – November

Presentation/Discussion - December
Final Protocol - January

Questions and/or Comments?