Michigan Energy Measures Database (MEMD) Process Review Update

Discussion with the Energy Waste Reduction Collaborative

January 16, 2018

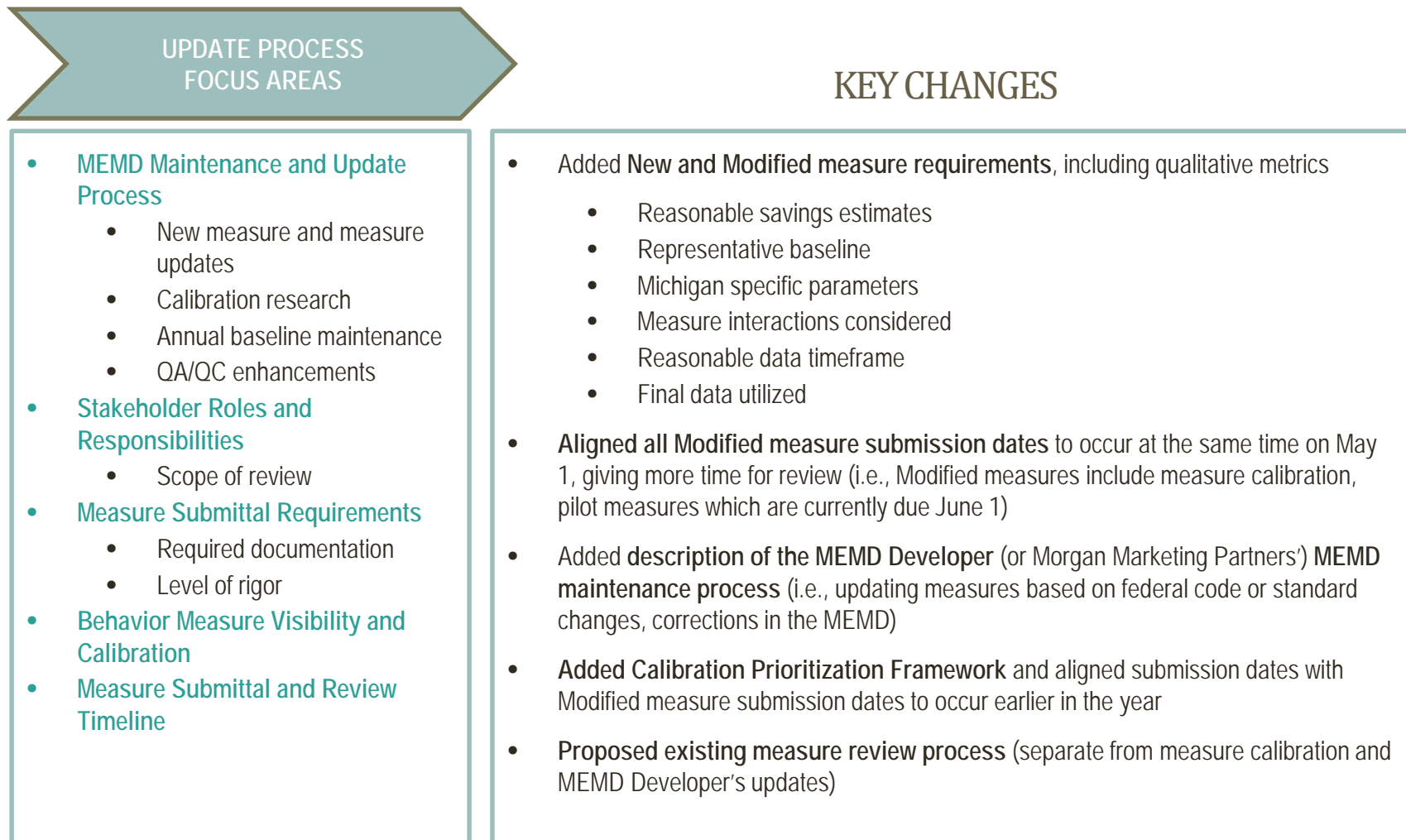# MEMD Process Review Update Agenda

1	**Focus Areas and Changes**
2	**Deliverables and Timeline**

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 1. 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 Existing Measure Review and Calibration Process is used to support updates and improvements to MEMD savings estimates.

- This process produces research and workpaper revisions which become the basis for Modified Measure submissions to the MEMD.

- The per-unit impacts of MEMD measures are deemed until there is sufficient evidence to suggest a revision to the MEMD is warranted. This evidence can include:

    1. Code and/or standards which change existing measure baselines;
    2. A body of credible evidence that supports a different known value; or
    3. A body of credible evidence that challenges the existing MEMD value but does not suggest a definitive new value applicable to Michigan.

- The first two scenarios above are covered by the existing measure review process. The third scenario above triggers a review to assess the need for a more rigorous study (i.e., MEMD calibration research).

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- **Existing Measure Review** refers to the process through which the MEMD Developer or third-party evaluators review existing MEMD measures to determine if savings values, calculations, baselines, and key assumptions remain accurate or need updating based upon new developments. This review relies upon research from secondary sources.

- **Measure Calibration** refers to the process through which the third-party evaluators conduct Michigan-specific research which analyzes the per-unit savings impacts for current MEMD measures. As discussed below, existing measure reviews and measure calibration research support the overall MEMD Update process but are distinctly separate activities.

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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 – January	Presentation/Discussion - March Final Protocol - April

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Questions and/or Comments?