



ARC Participation in MISO Markets

Market Subcommittee

May 7, 2020

MSC009

Purpose & Key Takeaways



Purpose:

Discuss elements of proposed clarification of ARC tariff language

Key Takeaways:

- Registration and other MISO processes related to ARC participation can be improved to enhance non-discriminatory treatment and alleviate any related potential artificial impediments to participation
- This initial effort is aimed at clarifying/simplifying existing language

MISO tariff language regarding ARCs needs to be clarified

- ARC participation in MISO markets has increased recently and it has become clear that some of the MISO tariff language and business processes around ARC participation could use modification and/or simplification.
- The goal of such proposed changes is to improve registration and other MISO processes with respect to ARC participation to facilitate non-discriminatory treatment and alleviate any related potential artificial barriers to participation.

NOTE: certain changes to MISO's Tariff and BPMs at this time cannot be made due to constraints inherent in its systems/tools.

- Further changes will be considered as part of future stakeholder processes

Tariff Changes (p. 1 of 4)

Module C, sections 38.6 – 38.7.2 (general market participation requirements), organized into the following sections:

- 38.6 (ARCs) – for DRRs, LMRs, EDRs
 - Registration
 - Market Activities
 - Metering
 - Settlements
- 38.7.2
 - Demand Response Resource procedures for MPs that are not ARCs

Tariff Changes (p. 2 of 4)

38.6 (ARCs) – for DRRs, LMRs, EDRs Registration

- Information Requirements
 - Addresses all MISO demand response instruments
- Addressing potential double counting
- Approvals & Notifications,
 - Registration aligned with appropriate RERRA explicit/implicit approval

Information sharing protocols

- Clarified process for confirming or objecting to registration data
- Providing more information to LSEs/LBAs
- RERRAs, LBAs & LSEs
 - Clarified roles for each entity

Tariff Changes (p. 3 of 4)

Module C, sections 38.6 – 38.7.2 (general market participation requirements), organized into the following sections:

- 38.6 (ARCs) – for DRRs, LMRs, EDRs
 - Market Activities
 - Clarified ARC participation across MISO markets
 - Metering
 - Addressed the metering standards required in various MISO markets specified during registration process
 - Settlements
 - Improved language for addressing potential settlement disputes

Tariff Changes (p. 4 of 4)

- Module E-1:
 - Measurement & Verification linked to Attachment TT
 - Information sharing to EDCs for PLC calculations
- Schedule 30:
 - Measurement & Verification linked to Attachment TT
 - General clarifying language
 - Re-organization
- Attachment TT:
 - Application for DRRs, LMRs and EDRs
 - General clarifying language

Next steps

- MSC provide any additional comments on ARC processes requiring clarification in MISO markets
- MISO will further develop draft BPM language
- Filing expected in late May

- Further information on ARC improvement effort located here:

[https://cdn.misoenergy.org/20200409%20MSC%20Item%2007%20ARC%20participation%20in%20MISO%20markets%20\(MSC009\)441143.pdf](https://cdn.misoenergy.org/20200409%20MSC%20Item%2007%20ARC%20participation%20in%20MISO%20markets%20(MSC009)441143.pdf)

[https://cdn.misoenergy.org/20200305%20MSC%20Item%2004%20Aggregators%20of%20Retail%20Customers%20\(ARC\)%20\(MSC009\)433000.pdf](https://cdn.misoenergy.org/20200305%20MSC%20Item%2004%20Aggregators%20of%20Retail%20Customers%20(ARC)%20(MSC009)433000.pdf)

Appendix

Acronyms

- ARC aggregator of retail customers
- ARES alternative retail electric supplier
- BPM business practices manuals
- CBL customer baseline
- DRR demand response resource
- DRT demand response tool
- EDC electric distribution company
- EDR emergency demand response
- ESR energy storage resource
- LBA local balancing authority
- LMR load modifying resource
- LSE load serving entity
- M&V measurement & verification
- MP market participant
- PLC peak load contribution
- RA resource adequacy
- RERRA relevant electric retail regulatory authority

Background

- FERC Order 719, issued on 17 October 2008, required MISO to amend its market rules to allow ARCs (aggregators of retail customers) to offer demand resources into MISO markets as long as certain conditions were met.
- On 19 July 2012 (and subsequent orders on compliance), FERC accepted MISO's proposed market rules for ARC participation.
- Relevant sections of the Tariff pertaining to ARC participation in various MISO markets include,
 - Module C, sections 38.6 – 38.7.2 (general market participation requirements)
 - Module E-1 (resource adequacy participation requirements)
 - Schedule 30 (participation requirements under emergency conditions)
 - Attachment TT (measurement & verification for demand resource performance)