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| RMGRR Number | [179](https://www.ercot.com/mktrules/issues/RMGRR179) | RMGRR Title | TDSP Temporary Emergency Electric Energy Facility (TEEEF) Deployment Transactional Processing |
| Date Posted | | December 22, 2023 | |
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| Requested Resolution | | Normal | |
| Retail Market Guide Sections Requiring Revision | | 7.13, Transmission and/or Distribution Service Provider (TDSP) Temporary Emergency Electric Energy Facility (TEEEF) Deployment Transactional Processing (new)  7.14, Out-flow Energy from Distributed Generation Facilities  7.14.4, Transmittal of Out-flow Energy Data for Unregistered Distributed Generation  7.14.5, Transmittal of Out-flow Energy Data for Settlement Only Distribution Generators  7.14.6, ERCOT Processing of Meter Data for Unregistered Distributed Generation Out-flow Energy  7.14.7, ERCOT Processing of Meter Data for Settlement Only Distribution Generator Out-flow Energy | |
| Related Documents Requiring Revision/Related Revision Requests | | None | |
| Revision Description | | This Retail Market Guide Revision Request (RMGRR) adds new Section 7.13 which introduces one method of communication in which Transmission and/or Distribution Service Providers (TDSPs), at their own discretion, may utilize Texas Standard Electronic Transaction (Texas SET) transactions to inform Retail Electric Providers (REPs) of record which Electric Service Identifiers (ESI IDs) were impacted by a TDSP’s mobile generation or “Temporary Emergency Electric Energy Facility” (TEEEF) deployment, therefore minimizing manual work-arounds that are created due to invoicing as opposed to usage exceptions that may impact Customers’ billing and increase MarkeTrak issue volumes for resolution.  This RMGRR also clarifies in Section 7.14.4 that the REF~JH~I data element is dedicated exclusively to Customer-owned generation.  Lastly, this RMGRR is in support of Texas SET Change Control 2023-845, Update the 867\_03 to Add a New Unique Identifier of “M” (Mobile Generation) Into Existing REF~JH (Meter Role) Segment, which RMS voted unanimously to approve for Texas SET Version 5.0 release at their December 5, 2023 meeting. | |
| Reason for Revision | | Addresses current operational issues.  Meets Strategic goals (tied to the [ERCOT Strategic Plan](https://www.ercot.com/files/docs/2018/12/13/ERCOT_Strategic_Plan_2019-2023.pdf) or directed by the ERCOT Board).  Market efficiencies or enhancements  Administrative  Regulatory requirements  Other:  *(please select all that apply)* | |
| Business Case | | Section 7.13 describes a process that uses a new unique indicator in the REF~JH (meter role) which allows Market Participants more flexibility to develop and implement automated processes that provide Market Participants with the ability to:   * Uniquely identify all ESI IDs that are affected by TDSPs’ mobile generation or TEEEF deployment(s), especially when large volumes of ESI IDs may be impacted over an extended length of time; * Automatically report mobile generation or TEEEF deployment(s) since the “REF~JH~M” data element would apply strictly to ESI ID(s) involved into mobile generation or TEEEF deployment by the TDSP; and * Systematically process impacted mobile generation or TEEEF 867\_03, Monthly or Final Usage, transactions since this new “REF~JH~M” data element could be a key identifier to assist REPs to update their validation rules when the 867\_03 beginning and ending meter readings, when subtracted, don’t match mobile generation or TEEEF kWh adjusted usage that was billed to the REP of record in the matching 810\_02, TDSP Invoice, transaction. | |

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| Market Segment | Not Applicable |

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| Proposed Guide Language Revision |

7.13 Transmission and/or Distribution Service Provider (TDSP) Temporary Emergency Electric Energy Facility (TEEEF) Deployment Transactional Processing

(1) At the Transmission and/or Distribution Service Provider’s (TDSP’s) discretion, the   
 following is one method in which a TDSP may utilize Texas Standard Electronic   
 Transaction (Texas SET) transactions to communicate to the Retail Electric Provider(s)   
 (REP(s)) of record their impacted Electric Service Identifier(s) (ESI ID(s)) that were   
 affected by a “Temporary Emergency Electric Energy Facility” (TEEEF) deployment by   
 the TDSP.

(a) This transactional methodology includes 867\_03, Monthly or Final Usage, transaction(s) with the addition of a REF~JH~M data element identified as mobile generation or TEEEF that was deployed by the TDSP.

(b) This unique data element REF~JH~M offers Market Participant(s) systematic   
 programming flexibility that allows:

(i) Easier identification of ESI ID(s) impacted by the TEEEF deployment(s),   
 regardless of ESI ID volumes or duration;

(ii) Simpler reporting selection criteria since the REF~JH~M data element would apply strictly to TEEEF deployment(s); and

(iii) Elimination of REP of records’ manual intervention that could impact Customers’ billing that is created when there is a mismatch between 867\_03 transaction, when compared to the kWh reductions that are reflected in the matching 810\_02, TDSP Invoice, transaction for the same service period(s). **7.14 Out-flow Energy from Customers’ Distributed Generation Facilities**

(1) Retail Electric Providers (REPs) or Resource Entities, via their Qualified Scheduling Entities (QSEs), can receive wholesale Settlement for out-flow energy, according to the processes and requirements outlined below. This section details the requirements and processes for ERCOT to provide wholesale Settlement for out-flow energy submitted by a Transmission and/or Distribution Service Provider (TDSP).

***7.14.4 Transmittal of Customers’ Out-flow Energy Data for Unregistered Distributed Generation***

(1) The requirements of a Premise are:

(a) The Electric Service Identifier (ESI ID) must be assigned to a DG Load Profile as per the Load Profiling Guide, Appendix D, Profile Decision Tree; and

(b) The out-flow energy value (kWh) total will be supplied in the QTY~QD of the PTD~PL loop having a REF~MT of “KHMON” that is designated with the REF~JH~I data element on the 867\_03, Monthly or Final Usage, and the 867\_02, Historical Usage for non-IDR ESI IDs. The REF~JH~I data element shall only be used to represent Customers’ Distributed Generation (DG) values. For instances where there has been no out-flow energy, the data element should either be omitted or included and populated with zero. In the absence of a meter that measures out-flow energy, the REF~JH~I shall not be included on the 867\_02 or 867\_03 transactions.

(2) For IDR metering, interval out-flow energy values must be provided in the ERCOT specified file format in accordance with Section 7.15, Advanced Meter Interval Data File Format and Submission.

***7.14.5 Transmittal of Customers’ Out-flow Energy Data for Settlement Only Distribution Generators***

(1) All Settlement Only Distribution Generators (SODGs) must have IDR metering and an RID assigned. RID data submittal method shall be designated in the document titled “TDSP Read Generation Registration Form” as 867 or .lse.

(a) If the RID data submittal method is 867, the interval out-flow energy values provided for Settlement will have data submitted via the 867\_03 transaction as described in the Texas Standard Electronic Transaction Implementation Guides.

(b) If the RID data submittal method is .lse, the interval out-flow energy values provided for Settlement will have data submitted via the ERCOT specified file format as described in Section 7.15, Advanced Meter Interval Data File Format and Submission, below.

***7.14.6 ERCOT Processing of Meter Data for Customers’ Unregistered Distributed Generation Out-flow Energy***

(1) ERCOT will process out-flow energy values for Settlement when data is submitted to ERCOT in accordance with Section 7.14.4, Transmittal of Customers’ Out-flow Energy Data for Unregistered Distributed Generation, provided the DG is not registered as an SODG.

(2) For a detailed description of the wholesale Settlement impact of Load reductions for out-flow energy values, see Protocol Sections 11.4.4.2, Load Reduction for Excess PhotoVoltaic and Wind Distributed Renewable Generation, and 11.4.4.3, Load Reduction for Excess from Other Distributed Generation.

***7.14.7 ERCOT Processing of Meter Data for Customers’ Settlement Only Distribution Generator Out-flow Energy***

(1) ERCOT will process out-flow energy values for Settlement of generation when data is submitted to ERCOT in accordance with Section 7.14.5, Transmittal of Customers’ Out-flow Energy Data for Settlement Only Distribution Generators, above, provided the ERCOT registration process has been completed for the Resource Entity and the SODG. For more detailed information about the Resource registration process, Market Participants should contact their designated ERCOT Retail Account Manager.