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| SCR Number |  | SCR  Title | MP Online Data Entry – Market Requirements |
| Date Posted | | TBD | |

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| Requested Resolution (Normal or Urgent, and justification for Urgent status) | Normal |
| Supporting Protocol or Guide Section(s)  (If applicable) | N/A |
| Other Document Reference/Source | Market Participant Prioritized Requirements are located at the following link: <http://www.ercot.com/content/meetings/rdwg/keydocs/2013/1204/MP_Online_Data_Requirements_Priorities_Consolidated_Posted.xls> |
| System Change Description | MP Online Data Entry will replace the current RARF spreadsheet and associated manual processes. This will greatly enhance resource registration data transparency, overall efficiencies in the submittal and validation process and improve the overall quality of the data. The Resource Data Working Group has generated and prioritized the Market requirements for this system. This System Change Request represents those system requirements that the Market Participants request be implemented in the MP Online System |
| Reason for System Change | Enhancements to market resource registration data transparency, efficiencies in the submittal and validation process for resource asset registration as well as improve quality of this data due to elimination of manual processes. |

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| **Business Case** |

**Business Case instructions: To allow for comprehensive SCR consideration, please fill out the Business Case section below and provide as much detailed information as possible. Wherever possible, please include reasons, explanations, and cost benefit calculation pertaining to the SCR. Insert additional rows as needed.**

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| Business Case | 1 | *Describe qualitative benefits*   * *Resource asset registration data and validation process transparency* * *Elimination of manual processes* * *Improved Market Participant access to resource data* * *Improved efficiencies in the submittal and validation processes* * *Improved usability and integrated explanation of data and its purpose* |
| 2 | *Explain in detail possible benefit calculations to support quantifiable benefits*   * *Elimination of these manual processes, based on feedback from a representative sample of Market Participants (TSPs and REs) determine an average of $20,000 annual cost savings per Market Participant that current is involved in the RARF process. Extrapolating this cost savings to the current number of market participants, this could return a savings of ~$6,000,000 annually.* * *Additionally, there are risk mitigation benefits due to higher data quality and more timely updates to registration data* |

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| Market Segment | N/A |

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| **Market Rules Staff Contact** | |
| **Name** |  |
| **E-Mail Address** |  |
| **Phone Number** |  |

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| Business Case for Proposed System Change  [Please provide sufficient detail] |

**Issue:**

ERCOT has recently begun the MP Online Data Entry Project, and is currently in the planning phase. Based on information provided by ERCOT staff in multiple stakeholder group meetings, the proposed system seems to have the potential of being a very beneficial project. However, in order to realize the full benefits, some Market Participants believe that certain system requirements should be included in the scope and implemented.

Currently, Market Participants, via the MP’s Authorized Representative, are required to submit Resource Asset Registration Forms (RARF) and updates via ERCOT’s Siebel Service Request System. This includes attaching six different spreadsheets to the service request. When submitted, the RARF undergoes an initial validation to ensure the submitted data adheres to the business validation rules as defined by ERCOT. If the data submitted is not formatted precisely as required by the business validation rules, the entire submission is rejected. The Market Participant is notified by email, and a completely new submission is required. Having the validation occur only after all of the data is compiled is a cumbersome process and requires many personnel hours to correct and resubmit the entire RARF. Also, the time between a RARF submission and the time at which acceptable data is incorporated into the ERCOT model could be up to four months. This method poses significant difficulties in version control among the various spreadsheets which make up the RARF. This is especially true if an initial submittal failed to pass a portion of the validation, because newer versions of the RARF could be posted, and the Market Participant would have to convert their RARF submission to the current version. This can add up to an additional month before the required data is incorporated into the ERCOT Network Model, which has market impact.

While many Market Participants agree that the current method is extremely inefficient, time consuming, and increases the likelihood that outdated data is inadvertently submitted to ERCOT, they work with ERCOT staff regularly to try to improve it. When the MP Online Data Entry Project was announced by ERCOT staff, many Market Participants supported it. However, parties recognized that Market Participants would need to submit requirements to ensure usability, security, efficiency, and provide the full benefit for all users of the system. Currently the project, as planned, focuses on the requirements internal to ERCOT. If the requirements submitted by the Market Participants through this SCR are not implemented in the system, the benefit of the project may not warrant the cost incurred.

**Resolution:**

ERCOT is currently in the process of developing the MP Online Data entry system. This system will replace the current RARF thereby eliminating many of the inefficiencies of submitting registration data manually with spreadsheets. Currently, the project scope includes the internal requirements of ERCOT. When developing a software system, requirements for all users should be considered. The Market Participants will be using this system often. Recognizing this, the RDWG along with ERCOT staff hosted multiple workshops to identify and prioritize system requirements that Market Participants determined were important to the usability and efficiency of the system. These requirements were consolidated into a single list found at the following link:

<http://www.ercot.com/content/meetings/rdwg/keydocs/2013/1204/MP_Online_Data_Requirements_Priorities_Consolidated_Posted.xls>

They were grouped into various categories that include data entry and validation, security, process improvement, and tracking.

When developing a computer system, it is easier and less costly to include the software requirements during the planning phase rather than after the system has been implemented. Therefore, approval of this System Change Request recognizes the need for additional requirements in the MP Online Data Entry project, details what those requirements are in the file referenced above, and ensures that they will be included before the system is fully implemented. This will provide the full benefit that the project intended based on the cost for both ERCOT and Market Participants.