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MRP Technical Advisory Group Test Execution Management

Joseph Rampersad
IESO Quality Assurance

Purpose

- Challenges for Test Execution
- Current Status
- Challenges/Opportunities
- Discussion

Challenges of Test Execution

- MRP has multiple channels for market trials and testing for solutions
 - Online IESO; EMI/API; and Dispatch Service
 - Various channels as well within the three platforms
- Reviewing options for how to effectively manage test execution consistently across 100s of Market Participants
 - Dispatchable generators will be encouraged to participate in all market trials prior to sandbox testing
- Stakeholders have been clear about the need to track and resolve issues within test environments efficiently

Current State

- How to we manage participant testing today?
 - Word/Excel docs, emails, phone
 - Customer Relations triage to IT and IESO subject matter experts
 - Potential for wait times at each step
- Challenging to scale as we increase number of participants involved in testing
 - Lessons from the IESO Gateway Project, among others, show the value of Test Case Management

Opportunities with Test Case Management Tools

- Deliver test plan; present all test cases clearly, with test case execution status visible
- Confidentiality of data submissions
- Reported defects are immediately visible to IESO with no requirement to email Customer Relations
- Resolution status is immediately visible to participants
- Browser-based cloud test case management tool, no software installation required

Challenges with Test Case Management Tools

- Tools are cloud-based, will be subject to participant legal review, and approval of software vendor license agreement
- Training requirements for using the tool
- Cloud based tools will have concurrent license restrictions
 - IESO to determine how many licenses will be needed to support the use of the tool from many MPs

Discussion

- Experience with test case management tools?
- Additional challenges or opportunities?
- Risk identification and management/mitigation?

Thank You

ieso.ca

1.888.448.7777

customer.relations@ieso.ca

engagement@ieso.ca



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