

Energy Management System Project Update

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Project Overview

Project Overview

- The NYISO currently has a combined Energy Management System (EMS) and Business Management System (BMS) developed by ABB, collectively referred to as Ranger
- The Ranger system was initially placed into operation in 2005, upgraded in 2007, and incrementally enhanced through marketplace and business directed initiatives
- The Ranger system runs on a dedicated proprietary hardware platform that was installed in 2011

Project Timeline, Status, and Budget

Project Status

- The late delivery of the code, along with defects in the core EMS and BMS application found during early Site Acceptance Testing, has impacted the project schedule
 - Resulted in a delayed projected Go-Live from April 1 to October 1, 2019
 - Summer Operations No-Go-Live spans from April 15 to October 1, 2019
- As of August 20, 2019 we have begun Parallel Testing for a six week period
 - Testing is focused on daily operations of the EMS/BMS system in comparison with the existing Ranger system
 - Allows for all Operations personnel to concurrently use both systems

Projected Go-Live

- Go-Live Schedule is currently targeted for mid-October
- NYISO continues to work closely with ABB to resolve any high priority issues prior to go-live

Project Budget

- Project Budget is \$33.7 million
- Tracking on Budget
- Project team continues to monitor the project budget and scope with a strong governance structure requiring executive review

Next Steps

- Continued Parallel Testing
- Testing of all ICCP connections with external entities
- Go-Live Readiness
- Provide periodic updates to BPWG
- Communication of Go-Live

Questions?