FERC Order 841 eMarket (Sandbox) changes will be effective on October 9th, 2025, for testing eMarket APIs and new bidding parameters.

**1. High-Level Changes in eMarket**

New bidding parameters of electric storage resources as well as a State of Charge parameter derived from new bidding parameters (SOC by Portfolio) will be introduced to account for State of Charge and Duration Characteristics of electric storage resources in the day-ahead market. Three new displays will also be added, and one display will be updated under the ESF tab in the eMarket navigation framework to capture and manage day-ahead offers at the facility level.

Updated Displays:

* **ESF Default Parameters (**Previously “ESF Daily Defaults”**)**
  + Participants can view the individual assets associated with a particular ESF and the default state of charge daily offer parameters for the ESF and market day.
  + Participants can update the Initial State of Charge, Maximum State of Charge, Minimum State of Charge, and Round-Trip Efficiency daily offer parameters for a given ESF and market day.
  + Participants can see whether a facility's SOC constraint is active for a given market day.
* The XML download tab has a related link to each of the updated and new tabs mentioned above.

New Displays:

* **Portfolio Manager -** Participants can add or remove ESFs from a portfolio.
* **Hourly Updates**
  + Participants can view the default state of charge daily offer parameters and whether the facility's SOC constraint is active for a given ESF and market day.
  + Participants can submit the Maximum State of Charge, Minimum State of Charge, and Round-Trip Efficiency hourly offer parameters for a given ESF and market day.
* **SOC by Portfolio**- Participants can view the cleared state of charge for each hour for each ESF in a portfolio for a given market day.

New Bidding Parameters by Screen:

* **ESF Default Parameters:** Initial SOC, Default Min SOC, and Default Max SOC
* **Hourly Updates:** Min SOC, Max SOC, and Round-Trip Efficiency

**2. Migration Timeline**

The new functionality will be first available in the eMarket sandbox environment on October 9th, 2025. There will be two testing phases in the sandbox.

* **Simulated pre-DAM window (October 9, 2025 – October 21, 2025)**
  + **All** participants’ test their eMarket application programming interfaces (APIs) as they will change with the addition of the new parameters.
  + **All** participants must create an ESF portfolio to update their RTE values and to test the XML format *download*.
  + The new day-ahead state of charge displays are visible.
* **Simulated DAM window (beginning October 22, 2025)**
  + Participants test the new ESF default and hourly parameters.

**3. eMarket User Documentation**

eMarket Users Guide v9.2

eMarket Data Exchange Specification v13.0

eMktMUI.wsdl and eMktMessages.xsd