1. High Level Changes in eMarket

As part of the Electric Storage Devices (ESD) project, eMarket will be enhanced to allow for Continuous Storage Facilities (CSFs), a new type of resource, capable of automatically switching between generation and consumption and provide regulation. In the eMarket application these facilities are referred to as Electric Storage Devices (ESDs).

*There are* ***no changes*** *in the eMarket User Interface or Web Services* ***for non-CSF assets****.*

A CSF is created by registering three asset types in the Customer and Asset Management System (CAMS) as part of a single facility, each with separate asset IDs and names:

* CSF Generator
* CSF Dispatchable Asset-Related Demand (DARD)
* CSF Alternative Technology Regulating Resource (ATRR)

All three components of a CSF may participate simultaneously in its applicable market:

* Generators manage energy and reserves for MW at and above zero
* DARDs manage energy and reserves for MW below zero (consumption)
* ATRRs manage regulation, positive or negative

The components of a CSF will be managed independently using the same eMarket group functions as non-CSF assets, i.e. the CSF generators are managed using the generation tab, DARDs using the ARD tab, and ATRRs using the regulation tab. There is no cross-validation between generation and consumption parameters of assets belonging to the same CSF.

The eMarket portfolio functionality will be the same for CSF and non-CSF assets.

Both the CSF Generator and the CSF DARD will always be online in the Day-Ahead Market, unless the participant declares them unavailable.

1. eMarket User Documentation

The following documents were updated for ESD changes and will be available on the ISO-NE website:

* eMarket User Guide v.6.0 – user interface guide containing detailed information about CSF concepts and validation rules
* eMarket Data Exchange Specification v.10.7 – web services interface guide