## 2450 Allocation of Transmission Capacity for Requests Submitted during Simultaneous Submission Window

FERC Order 890[[1]](#footnote-1) requires transmission providers who set a “no earlier than” time for request submittal to treat all transmission requests received within a specified period of time as having been received simultaneously, as well as propose a method for allocating transmission capacity if sufficient capacity is not available to meet all requests submitted within the specified time period. (The opening windows for SPP are 12:00 noon and 12:00 midnight dependent upon Transmission Service Type as defined in Attachment P of the SPP OATT[[2]](#footnote-2)) This business practice outlines the method for allocating capacity for requests that must adhere to a “no earlier than” submittal time and are deemed to have been submitted within the simultaneous submission window (SSW) required by FERC Order 890 and Attachment P Timing Requirements.

#### Business Practice

The SPP OASIS, through the SSW module, manages all the requirements for determining when the SPP configured SSW is open as well as detecting which Transmission Service Requests (TSRs) are to be identified as SSW requests.

SPP webTrans receives all TSRs submitted on SPP OASIS and performs the following special processing as part of the SSW Module functionality:

* Each received TSR is validated against the various SPP TSR business rule validation criteria configured for the requested service.
* ATC/AFC validation applies the impacts of TSR to all modeled Transmission System

elements based on TSR queued time.

* Final ATC/AFC PASS/FAIL validation for all SSW TSRs is deferred from final processing until the SSW window closes.
	+ All non-SSW requests are processed and acted on as they are received, without interruption.
* When the configured SSW closes:
	+ SPP webTrans establishes an effective queue time for all requests received within the SSW, ending when the SSW closes.
	+ SPP webTrans executes a SPP configured SSW Module allocation method to award

capacity to each SSW request.

The webTrans SSW Module implements a SPP configured Customer Lottery Allocation method to award transmission capacity to TSRs submitted within the defined SSW. After close of the SSW, the Customer Allocation Lottery establishes the order in which queued TSRs are processed. This order is determined as follows:

* Sort all requests submitted within the SSW into different priority tiers in the following priority order:
	+ Request NERC Curtailment Priority
	+ Request Duration
	+ Request Pre-Confirmation Status
* For each set of requests that go through the above three criteria and arrive at the same

priority:

* Assign a customer selection order at random from the set of distinct customers that have submitted TSRs within that priority tier
* Each of those customers gets a round-robin lottery queue position assigned to each of their submitted TSRs
* Once all TSRs in the SSW have been assigned a lottery evaluation order, webTrans will complete the final ATC/AFC validation for each TSR in lottery order

The SSW Module Allocation Lottery process establishes the relative order for evaluation of SSW TSRs within the overall queue of pending requests being processed within webTrans. The actions taken on those TSRs, including offer of partial service, initiation of the Preemption and Competition process, etc., are handled identically to the evaluation of any non-SSW request in pending queue order.

Requests accepted in accordance with this Business practice remain subject to displacement due to the scheduling of Firm service and/or the submittal of a request of higher priority and/or longer duration.

**SSW processing Example:**

**Sample TSR queue at close of SSW window:**



**At close of SSW window, module established “buckets” of requests of same NERC priority, duration and pre-confirmation status.**



**SSW “Bucket” processing sequence:**

|  |
| --- |
| * SSW module identifies 3 customers: customer A, B, and C (any/all buckets)
 |
| * Customer Lottery process identifies a random "Customer Order"
 |  |  |
| * Initial submission Customer Queue order was A - B - C
 |  |  |  |  |  |  |
| * Ex: Lottery process for this window established the order of B - A - C
 |  |
| * Requests within a bucket will be processed in Lottery order, with
 |  |  |
|  one request per customer at a time. |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



The above defined procedure is applied only to those requests entering the queue during the defined Simultaneous Submission Window.

1. FERC Order 890 <http://www.ferc.gov/whats-new/comm-meet/2007/021507/E-1.pdf> [↑](#footnote-ref-1)
2. SPP OATT <http://www.spp.org/publications/spp_tariff.pdf> [↑](#footnote-ref-2)