

Reservation Priority Discussion

BPA Customer Workshop

April 24th-25th, 2013

Reservation Priority

There is confusion as to where Queue Order processing ends and Reservation Priority takes over. Where does WEQ001 - 4.15 apply in the competition process?

Parking Lot Recommendations

Clarify intent of whether requests and/or reservations are evaluated and preempted/competed in queue order (based on the time that each is submitted) or whether after every competition or preemption the queue is re-shuffled to distribute the requests and/or reservations according to Reservation Priority (higher priority first). (See WEQ001 4.15)

Clarify which order the matching requests should be processed in, Queue Order (Order Submitted) or Reservation Priority (longest duration first).

Reservation Priority

Proforma 13.2

(ii) Reservations for Short-Term Firm Point-To-Point Transmission Service will be conditional based upon the length of the requested transaction or reservation. However, Pre-Confirmed Applications for Short-Term Point-to-Point Transmission Service will receive priority over earlier-submitted requests that are not Pre-Confirmed and that have equal or shorter duration. Among requests or reservations with the same duration and, as relevant, preconfirmation status (pre-confirmed, confirmed, or not confirmed), priority will be given to an Eligible Customer's request or reservation that offers the highest price, followed by the date and time of the request or reservation.

Order 890-B

159. The Commission affirmed in Order No. 890-A the decision not to change the first-come, first-served nature of the reservation process and the right of first refusal.

Reservation Priority

Order 890

1394. Section 13.2 of the pro forma OATT requires transmission providers to process requests for long-term firm point-to-point service on a first-come, first-served basis and to process requests for short-term firm point-to-point service on a first-come, first-served basis conditional on the duration of the request.

1401. The Commission generally agrees with those commenter's that argue that giving a priority to pre-confirmed requests can increase the efficient utilization of the system by giving priority to customers who are committed to purchase service over those who have not so committed, including customers that submit multiple requests without any intent to take service if each request is granted.

In addition, longer duration requests for transmission service will continue to have priority over shorter duration requests for transmission service, with preconfirmation serving as a tie-breaker for requests of equal duration.

Reservation Priority

Order 890

1429. Based on the issues raised in comments, we find that changing the “first come, first served” nature of the reservation process and right of first refusal process is not warranted at this time. The “first come, first served” principle facilitates the administration of the reservation process and benefits customers because there can be little confusion about how to comply with it.

1430. The remaining concerns regarding administering the right of first refusal are addressed below. First, when a longer-term request seeks capacity allocated to multiple shorter term requests, the shorter-term customers should have simultaneous opportunities to exercise the right of first refusal. Duration, pre-confirmation status, price, and time of response would then be used to determine which of the shorter term requests will be able to exercise the right of first refusal, consistent with the Commission’s tie breaking provision in section 13.2(ii). Second, to minimize the potential for gaming, a preempting longer request must be for a fixed capacity over the term of the request.

Reservation Priority

S&CP

Queue Order applies as long as the path is unconstrained

001-4.24 A Transmission Provider shall accept any reservation request submitted for an unconstrained Path if the Customer's bid price is equal to or greater than the Transmission Provider's posted offer price at the time the request was queued, even if later requests are submitted at a higher price. This standard applies even when the first request is still unconfirmed, unless the Customer Confirmation Time Limit has expired for the first request.

Reservation Priority

S&CP

Reservation Priority applies once the path becomes constrained

001-4.15 Reservation and requests shall be handled in a first-come-first-served order based on QUEUE_TIME. Within a given Service Request Tier, with the exception of Service Request Tier 1, where there are competing requests for a constrained resource, the following request attributes shall be used to determine the relative priority for granting of service.

- I.....SERVICE_INCREMENT (MONTHLY, WEEKLY, DAILY, HOURLY)
- II.....Duration (the amount of time between the start date and the stop date)
- III..... Pre-confirmation Value
- IVPrice
- V Queue Time

Reservation Priority

Priority of Incoming TSRs							
	Wants			Available			
	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 4
TSR 1	10			30	30	30	30
TSR 2	10	10		20	20	30	30
TSR 3	10			10	20	30	30
TSR 4	10			0	20	30	30
TSR 5	20	20		-20	0	30	30
TSR 6	10	10		-10	10	30	30
TSR 7	10	10	10	-30	-10	20	30
TSR 8 NT	20			-50	-10	20	30
<p>TSR4 takes ATC to zero. Is the path now constrained, or with TSR5?</p> <p>TSR5 starts a competition with TSR1 and TSR3</p> <p>TSR6, TSR7, and TSR8 are held waiting for completion of competition.</p> <p>Which TSR goes first once the TSR5 competition completes?</p> <p>TSR6, TSR7, TSR8</p> <p>TSR8, TSR6, TSR7</p> <p>TSR8, TSR7, TSR6</p>							

Reservation Priority

Priority of Matching Requests						
	<u>Day 1</u>	<u>Day 2</u>	<u>Day 3</u>	<u>Day 4</u>	<u>Day 5</u>	<u>Day 6</u>
ATC	50	50	50	50	50	50
Challenger	100	100	100			
Match 1	50	50	50			
Match 2		50	50	50		
Match 3			50	50	50	50
ATC Balance	0	0	-25	-50	0	0
ATC Available to the Challenger = 50						
Challenger needs 50 from all three defenders						
Enough ATC that each defender can match individually.						
Not enough ATC for all three to match together						
Matching requests come in in 1, 2, 3 order						
Matching request 3 exceeds the minimum with four days						
Which order are the matching requests processed in?						
1, 2, 3 so that 3 is rejected due to insufficient ATC?						
3, 1, 2 so that 2 is rejected due to insufficient ATC?						
Do you follow an SSW approach?						