

Example 1

	HE 8	HE 9	HE 10	HE 11	HE 12	HE 13	Duration	Pricing	Queue	Comments
Initial Posted ATC	0	25	25	25	25	0				
Confirmed Reservation 100		25	25				2	\$ 3.00		
Confirmed Reservation 200				25			1	\$ 3.00		
Pending ATC	0	0	0	0	25	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Received Challenger Request										
Queued Request 300 (Challenger)				25	25		2	\$ 3.00		
Pending ATC	0	0	0	-25	0	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Act on Defenders										
Queued Request 300 (Challenger)				25	25		2	\$ 3.00		
Displace Reservation 200				-25						Shorter duration
Pending ATC	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	25	25	0				Posted on OASIS
Wait for all Match Submissions										
Queued Request 300 (Challenger)				25	25		2	\$ 3.00		
Matching 400 (Reservation 200)				25	25		2	\$ 3.00		
Pending ATC	0	0	0	-25	-25	0				BCTC internal system
Committed ATC	0	0	0	25	25	0				Posted on OASIS
Act on Matches and then Challenger										
Confirm Matching 400				25	25		2	\$ 3.00		
Refuse Queued Request 300				0	0		2	\$ 3.00		
Pending ATC	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	0	0	0				Posted on OASIS

Example 2

	HE 8	HE 9	HE 10	HE 11	HE 12	HE 13	Duration	Pricing	Queue	Comments
Initial Posted ATC	0	25	25	25	25	0				
Confirmed Reservation 100		25	25				2	\$ 3.00		
Confirmed Reservation 200				25			1	\$ 3.00		
Pending ATC	0	0	0	0	25	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Received Challenger Request										
Queued Request 300 (Challenger)				25	25		2	\$ 3.00		
Pending ATC	0	0	0	-25	0	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Act on Defenders										
Queued Request 300 (Challenger)				25	25		2	\$ 3.00		
Displace Reservation 200				-25			1	\$ 3.00		Shorter duration
Pending ATC	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	25	25	0				Posted on OASIS
Wait for all Match Submissions										
Queued Request 300 (Challenger)				25	25		2	\$ 3.00		
Matching 400 (Reservation 200)				25	5		2	\$ 3.00		
Pending ATC	0	0	0	-25	-5	0				BCTC internal system
Committed ATC	0	0	0	25	25	0				Posted on OASIS
Act on Matches and then Challenger										
Confirm Matching 400				25	5		2	\$ 3.00		
Counteroffer Queued Request 300					20		1	\$ 3.00		
Pending ATC	0	0	0	0	20	0				BCTC internal system
Committed ATC	0	0	0	0	20	0				Posted on OASIS
Confirmed Counteroffer Queued Request 300					20		1	\$ 3.00		
Pending ATC	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	0	0	0				Posted on OASIS

Example 3

	HE 8	HE 9	HE 10	HE 11	HE 12	HE 13	Duration	Pricing	Queue	Comments
Initial Posted ATC	0	25	25	25	25	0				
Confirmed Reservation 100		25	25				2	\$ 3.00		
Confirmed Reservation 200				25			1	\$ 3.00		
Pending ATC	0	0	0	0	25	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Received Challenger Request										
Queued Request 300 (Challenger)			25	25			2	\$ 3.00		
Pending ATC	0	0	-25	-25	25	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Act on Defenders										
Refuse Request 300 (Challenger)			0	0			2	\$ 3.00		Refused request because it cannot obtain HE10 due to equal duration to Confirmed Reservation 100
Pending ATC	0	0	0	0	25	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS

Example 4

	HE 8	HE 9	HE 10	HE 11	HE 12	HE 13	Duration	Pricing	Queue	Comments
Initial Posted ATC	0	25	25	25	25	0				
Confirmed Reservation 100		25	25				2	\$ 3.00		
Confirmed Reservation 200				25			1	\$ 3.00		
Pending ATC	0	0	0	0	25	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Received Challenger Request										
Queued Request 300 (Challenger)			25	25	25		3	\$ 3.00		
Pending ATC	0	0	-25	-25	0	0				BCTC internal system
Committed ATC	0	0	0	0	25	0				Posted on OASIS
Act on Defenders										
Queued Request 300 (Challenger)			25	25	25		3	\$ 3.00		
Displace Reservation 100		-25	-25							Shorter duration
Displace Reservation 200				-25						Shorter duration
Pending ATC	0	25	0	0	0	0				BCTC internal system
Committed ATC	0	25	25	25	25	0				Posted on OASIS
Wait for all Match Submissions										
Queued Request 300 (Challenger)			25	25	25		3	\$ 3.00		
Matching 400 (Reservation 100)		25	25	25	25		4	\$ 5.60	xx:01:00	1st Priority match on duration
Matching 500 (Reservation 200)			25	25	25		3	\$ 5.60	xx:00:30	2nd Priority match
Pending ATC	0	0	-50	-50	-50	0				BCTC internal system
Committed ATC	0	25	25	25	25					Posted on OASIS
Act on Matches and then Challenger										
Confirm Matching 400		25	25	25	25		4	\$ 5.60		
Refuse Matching 500			0	0	0		3	\$ 5.60		
Refuse Queued Request 300			0	0	0		3	\$ 3.00		
Pending ATC	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	0	0	0				Posted on OASIS

Example 5

	HE 4	HE 5	HE 6	HE 7	HE 8	HE 9	HE 10	HE 11	HE 12	Duration	Pricing	Queue	Comments
Initial Posted ATC	0	1	100	100	100	1	1	1	0				
Confirmed Reservation 100			100							1	\$ 1.00		
Confirmed Reservation 200				100						1	\$ 3.00		
Confirmed Reservation 300					100					1	\$ 3.00		
Pending ATC	0	1	0	0	0	1	1	1	0				BCTC internal system
Committed ATC	0	1	0	0	0	1	1	1	0				Posted on OASIS
Received Challenger Request													
Queued Request 400 (Challenger)		1	100	100	100	1	1	1		7	\$ 3.50		
Pending ATC	0	0	-100	-100	-100	0	0	0	0				BCTC internal system
Committed ATC	0	1	0	0	0	1	1	1	0				Posted on OASIS
Act on Defenders													
Queued Request 400 (Challenger)		1	100	100	100	1	1	1		7	\$ 3.50		
Displace Reservation 100			-100							1	\$ 1.00		Shorter duration
Displace Reservation 200				-100						1	\$ 3.00		Shorter duration
Displace Reservation 300					-100					1	\$ 3.00		Shorter duration
Pending ATC	0	0	0	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	1	100	100	100	1	1	1	0				Posted on OASIS
Wait for all Match Submissions													
Queued Request 400 (Challenger)		1	100	100	100	1	1	1		7	\$ 3.50		
Matching 500 (Reservation 100)		1	100	1	1	1	1	1		7	\$ 5.60	xx:01:01	2nd priority match
Matching 600 (Reservation 200)		1	1	100	1	1	1	1		7	\$ 5.60	xx:01:30	3rd priority match
Matching 700 (Reservation 300)		1	50	50	100	1	1	1		7	\$ 5.60	xx:00:30	1st priority match on queue time
Pending ATC	0	-3	-151	-151	-102	-3	-3	-3	0				BCTC internal system
Committed ATC	0	1	100	100	100	1	1	1	0				Posted on OASIS
Act on Matches and then Challenger													
Confirm Matching 700		1	50	50	100	1	1	1		7	\$ 5.60		
Queued Request 400 (Challenger)		1	100	100	100	1	1	1		7	\$ 3.50		
Counteroffer Matching 500			50	1						2	\$ 5.60		
Matching 600 (Reservation 200)		1	1	100	1	1	1	1		7	\$ 5.60		
Pending ATC	0	-2	-101	-151	-101	-2	-2	-2	0				BCTC internal system
Committed ATC	0	0	50	50	0	0	0	0	0				Posted on OASIS
Counteroffer Matching 500 - Refused			0	0						2	\$ 5.60		
Queued Request 400 (Challenger)		1	100	100	100	1	1	1		7	\$ 3.50		
Counteroffer Matching 600			1	50						2	\$ 5.60		
Pending ATC	0	-1	-51	-100	-100	-1	-1	-1	0				BCTC internal system
Committed ATC	0	0	50	50	0	0	0	0	0				Posted on OASIS
Counteroffer Matching 600 - Refused			0	0						2	\$ 5.60		
Counteroffer Queued Request 400			50	50						2	\$ 3.50		
Pending ATC	0	0	50	50	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	50	50	0	0	0	0	0				Posted on OASIS
Counteroffer 400 Confirmed			50	50						2	\$ 3.50		
Pending ATC	0	0	0	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0				Posted on OASIS

Example 6

	HE 11	HE 12	HE 13	HE 14	HE 15	HE 16	HE 17	HE 18	HE 19	HE 20	HE 21	HE 22	Duration	Pricing	Queue	Comments
Initial Posted ATC	0	50	50	50	50	50	50	50	50	50	50	0				
Confirmed Reservation 100						25	25	50	50	50			5	\$ 3.00		
Confirmed Reservation 200		50	50	50									3	\$ 3.00		
Confirmed Reservation 300					50	25	25				50		4	\$ 3.00		
Pending ATC	0	0	0	0	0	0	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0	0	0	0				Posted on OASIS
Received Challenger Request																
Queued Request 400 (Challenger)		50	50	50	50	50	50	50	50	50	50		10	\$ 3.50		
Pending ATC	0	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50	0				BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0	0	0	0				Posted on OASIS
Act on Defenders																
Queued Request 400 (Challenger)		50	50	50	50	50	50	50	50	50	50		10	\$ 3.50		
Displace Reservation 100						-25	-25	-50	-50	-50			5	\$ 3.00		Shorter duration
Displace Reservation 200		-50	-50	-50									3	\$ 3.00		Shorter duration
Displace Reservation 300					-50	-25	-25				-50		4	\$ 3.00		Shorter duration
Pending ATC	0	0	0	0	0	0	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	50	50	50	50	50	50	50	50	50	50	0				Posted on OASIS
Wait for all Match Submissions																
Queued Request 400 (Challenger)		50	50	50	50	50	50	50	50	50	50		10	\$ 3.50		
Matching 500 (Reservation 100)		25	25	25	25	25	25	50	50	50	25		10	\$ 5.60	xx:01:30	2rd priority match
Matching 600 (Reservation 200)		50	50	50	1	1	1	1	1	1	1		10	\$ 5.60	xx:00:30	1st priority match on queue time
Matching 700 (Reservation 300)		50	50	50	50	50	50	50	50	50	50		10	\$ 5.60	xx:01:01	Invalid match because you must maintain original profile. You cannot reduce or increase your original profile.
Pending ATC	0	-125	-125	-125	-76	-76	-76	-101	-101	-101	-76	0				BCTC internal system
Committed ATC	0	50	50	50	50	50	50	50	50	50	50					Posted on OASIS
Act on Matches and then Challenger																
Confirm Matching 600		50	50	50	1	1	1	1	1	1	1		10	\$ 5.60		
Queued Request 400 (Challenger)		50	50	50	50	50	50	50	50	50	50		10	\$ 3.50		
Invalid Matching 700		0	0	0	0	0	0	0	0	0	0		10	\$ 5.60		
Matching 500 (Reservation 100)		25	25	25	25	25	25	50	50	50	25		10	\$ 5.60		
Pending ATC	0	-75	-75	-75	-26	-26	-26	-51	-51	-51	-26					BCTC internal system
Committed ATC	0	0	0	0	49	49	49	49	49	49	49					Posted on OASIS
Queued Request 400 (Challenger)		50	50	50	50	50	50	50	50	50	50		10	\$ 3.50		
Counteroffer 500 (Reservation 100)		0	0	0	25	25	25	49	49	49	25		7	\$ 5.60		
Pending ATC	0	-50	-50	-50	-26	-26	-26	-50	-50	-50	-26					BCTC internal system
Committed ATC	0	0	0	0	49	49	49	49	49	49	49					Posted on OASIS
Confirmed 500 (Reservation 100)		0	0	0	25	25	25	49	49	49	25		7	\$ 5.60		
Counteroffer Queued Request 400 (Challenger)					24	24	24	0	0	0	24		4	\$ 3.50		
Pending ATC	0	0	0	0	0	0	0	0	0	0	0					BCTC internal system
Committed ATC	0	0	0	0	24	24	24	0	0	0	24					Posted on OASIS
Confirmed Queued Request 400 (Challenger)					24	24	24	0	0	0	24		4	\$ 5.60		
Pending ATC	0	0	0	0	0	0	0	0	0	0	0					BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0	0	0					Posted on OASIS

Example 7

	HE 11	HE 12	HE 13	HE 14	HE 15	HE 16	HE 17	HE 18	HE 19	HE 20	HE 21	HE 22	Duration	Pricing	Queue	Comments
Initial Posted ATC	5	5	5	10	10	10	8	30	30	10	5	0				
Confirmed Reservation 100					10	10	8	10	10	10			6	\$ 3.00		
Confirmed Reservation 200	5	5	5	10									4	\$ 3.00		
Confirmed Reservation 300								20	20		5		3	\$ 3.00		
Pending ATC	0	0	0	0	0	0	0	0	0	0	0	0				BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0	0	0	0				Posted on OASIS
Received Challenger Request																
Queued Request 400 (Challenger)	5	5	5	10	10	10	8	30	30	10	5		11	\$ 3.50		
Pending ATC	-5	-5	-5	-10	-10	-10	-8	-30	-30	-10	-5	0				BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0	0	0	0				Posted on OASIS
Act on Defenders																
Queued Request 400 (Challenger)	5	5	5	10	10	10	8	30	30	10	5		11	\$ 3.50		
Displace Reservation 100					-10	-10	-8	-10	-10	-10			6	\$ 3.00		Shorter duration
Displace Reservation 200	-5	-5	-5	-10									4	\$ 3.00		Shorter duration
Displace Reservation 300								-20	-20		-5		3	\$ 3.00		Shorter duration
Pending ATC	0	0	0	0	0	0	0	0	0	0	0	0				BCTC internal system
Committed ATC	5	5	5	10	10	10	8	30	30	10	5	0				Posted on OASIS
Wait for all Match Submissions																
Queued Request 400 (Challenger)	5	5	5	10	10	10	8	30	30	10	5		11	\$ 3.50		
Matching 500 (Reservation 100)	5	5	5	5	5	5	5	5	5	5	5		11	\$ 5.60	xx:00:30	Invalid match - did not maintain original profile
Matching 600 (Reservation 200)	5	5	5	10	10	10	8	10	10	10	5		11	\$ 5.60	xx:01:01	1st priority match on queue time
Matching 700 (Reservation 300)	5	5	5	5	5	5	5	20	20	5	5		11	\$ 5.60	xx:05:00	2nd priority match
Pending ATC	-15	-15	-15	-20	-20	-20	-18	-35	-35	-20	-15	0				BCTC internal system
Committed ATC	5	5	5	10	10	10	8	30	30	10	5	0				Posted on OASIS
Act on Matches and then Challenger																
Confirm Matching 600	5	5	5	10	10	10	8	10	10	10	5		11	\$ 5.60		
Refused Matching 500	0	0	0	0	0	0	0	0	0	0	0		11	\$ 5.60		
Queued Request 400 (Challenger)	5	5	5	10	10	10	8	30	30	10	5		11	\$ 3.50		
Matching 700 (Reservation 200)	5	5	5	5	5	5	5	20	20	5	5		11	\$ 5.60		
Pending ATC	-10	-10	-10	-15	-15	-15	-13	-30	-30	-15	-10	0				BCTC internal system
Committed ATC	0	0	0	0	0	0	0	20	20	0	0	0				Posted on OASIS
Queued Request 400 (Challenger)	5	5	5	10	10	10	8	30	30	10	5		11	\$ 3.50		
Counteroffer Matching 700								20	20				2	\$ 5.60		
Pending ATC	-5	-5	-5	-10	-10	-10	-8	-30	-30	-10	-5					BCTC internal system
Committed ATC	0	0	0	0	0	0	0	20	20	0	0					Posted on OASIS
Refused Request 400 (Challenger)	0	0	0	0	0	0	0	0	0	0	0					
Confirmed Counteroffer Matching 700								20	20				2	\$ 5.60		
Pending ATC	0	0	0	0	0	0	0	0	0	0	0					BCTC internal system
Committed ATC	0	0	0	0	0	0	0	0	0	0	0					Posted on OASIS