Le réseau de l'intelligence électrique

Technical workshop NEB

Evolutions of technical exchanges for the block exchange nomination service

Use case. D-1

- D-1, 10:00 a.m.: BRP1 sends his PEB v1.
- D-1, 11:45 a.m.: BRP2 sends his PEB v1.
- D-1, 11:45 a.m.: RTE executes PEB matching
- D-1, 1:30 p.m.: BRP1 sends his PEB v2.
- D-1, 1:30 p.m.: RTE executes PEB matching
- D-1, 2:30 p.m: RTE accepts PEB (validation of financial security)

	10:00 a.m BRP1, v1	11:45 a.m BRP2, v1	11:45 a.m RTE Matching	1:30 p.m BRP1, v2	1:30 p.m RTE Matching	2:30 p.m RTE Acceptance
1	50	50	50	60	50	50
2	50	60	50	60	60	60
3	50	60	50	70	60	60
4	60	50	50	40	40	40
…	…	…	…	…	…	…

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Use case. D-1 and ID

- D-1, 10:00 a.m.: BRP1 sends his PEB v1.
- D-1, 11:45 a.m.: BRP2 sends his PEB v1.
- D-1, 11:45 a.m.: RTE executes PEB matching.
- D-1, 2:30 p.m.: RTE accepts PEB (validation financial security)
- ID, 5:30 p.m.: BRP1 sends his PEB v2.
- RTE keeps the last matching (D-1, 11:45 a.m.) waiting for ID matching (for which an ID PEB sent by BRP2 is expected)

	10:00 a.m BRP1, v1	11:45 a.m BRP2, v1	11:45 a.m RTE Matching	2:30 p.m RTE Acceptance	5:30 p.m BRP1, v2	5:30 p.m RTE Matching
1	50	50	50	50	60	50
2	50	60	50	50	60	50
3	50	60	50	50	70	50
4	60	50	50	50	40	50
…	…	…	…	…	…	…

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Use case. ID

- ID, 5:30 p.m.: BRP1 sends his PEB v1.
- ID, 6:30 p.m.: BRP2 sends his PEB v1.
- 6:30 p.m.: RTE executes PEB matching and acceptance.
- ID, 7:30 p.m.: BRP1 sends his PEB v2.
- 7:30 p.m.: RTE executes PEB matching and acceptance

	5:30 p.m BRP1, v1	6:30 p.m BRP2, v1	6:30 p.m RTE matching and acceptance	7:30 p.m BRP1, v2	7:30 p.m RTE matching and acceptance
1	50	50	50	60	50
2	50	60	0	60	60
3	50	60	0	70	0
4	60	50	0	40	0
…	…	…	…	…	…

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Use case. ID

- ID, 5:30 p.m: BRP1 sends his PEB v1.
- ID, 6:30 p.m.: BRP2 sends his PEB v1.
- 6:30 p.m.: RTE executes PEB matching and acceptance
- ID, 7:30 p.m.: BRP1 sends his PEB v2.
- 7:30 p.m.: RTE executes PEB matching but don't performs acceptance (because BRP1 exceeds his authorized daily energy volume)
- 7:50 p.m.: RTE performs acceptance (because BRP1 is balanced and no longer exceeds his authorized daily energy volume)

	5:30 p.m BRP1, v1	6:30 p.m BRP2, v1	6:30 p.m RTE matching and acceptance	7:30 p.m BRP1, v2	7:30 p.m Matching RTE	7:50 p.m RTE Acceptance
1	50	50	50	60	50	50
2	50	60	0	60	60	60
3	50	60	0	70	0	0
4	60	50	0	40	0	0
…	…	…	…	…	…	…

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