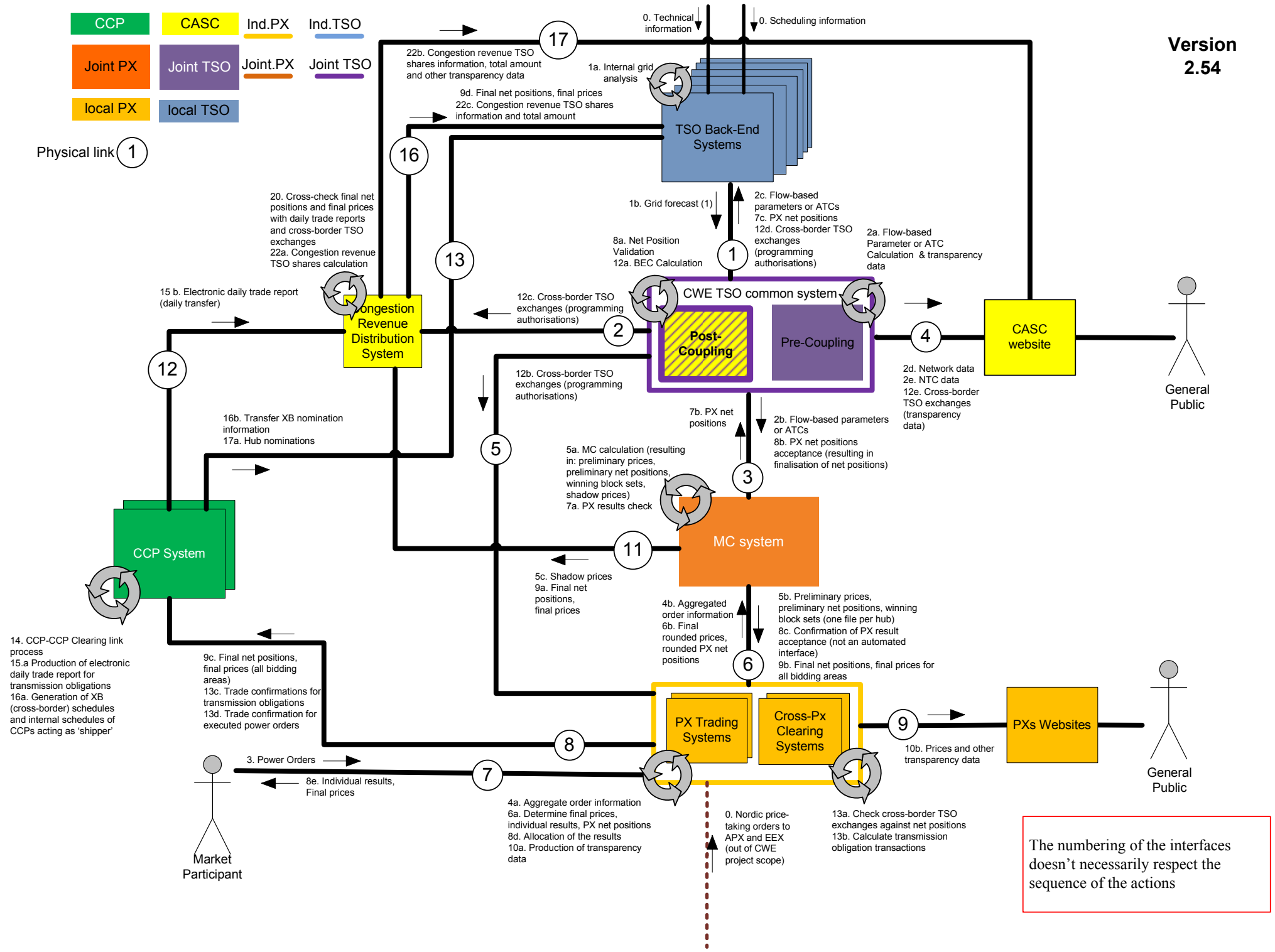
CCP
CASC
Ind.PX
Ind.TSO
Joint PX
Joint TSO
Joint.PX
Joint TSO
local PX
local TSO
Physical link 1
Version 2.54
0. Technical information
0. Scheduling information
17
22b. Congestion revenue TSO shares information, total amount and other transparency data
1a. Internal grid analysis
TSO Back-End Systems
9d. Final net positions, final prices
22c. Congestion revenue TSO shares information and total amount
16
20. Cross-check final net positions and final prices with daily trade reports and cross-border TSO exchanges
22a. Congestion revenue TSO shares calculation
1b. Grid forecast (1)
2c. Flow-based parameters or ATCs
7c. PX net positions
12d. Cross-border TSO exchanges (programming authorisations)
8a. Net Position Validation
12a. BEC Calculation
1
2a. Flow-based Parameter or ATC Calculation & transparency data
13
15 b. Electronic daily trade report (daily transfer)
Congestion Revenue Distribution System
12c. Cross-border TSO exchanges (programming authorisations)
2
CWE TSO common system
Post-Coupling
Pre-Coupling
4
CASC website
General Public
12
12b. Cross-border TSO exchanges (programming authorisations)
2d. Network data
2e. NTC data
12e. Cross-border TSO exchanges (transparency data)
16b. Transfer XB nomination information
17a. Hub nominations
7b. PX net positions
2b. Flow-based parameters or ATCs
8b. PX net positions acceptance (resulting in finalisation of net positions)
5
5a. MC calculation (resulting in: preliminary prices, preliminary net positions, winning block sets, shadow prices)
7a. PX results check
3
CCP System
MC system
11
5c. Shadow prices
9a. Final net positions, final prices
4b. Aggregated order information
6b. Final rounded prices, rounded PX net positions
5b. Preliminary prices, preliminary net positions, winning block sets (one file per hub)
8c. Confirmation of PX result acceptance (not an automated interface)
9b. Final net positions, final prices for all bidding areas
6
14. CCP-CCP Clearing link process
15.a Production of electronic daily trade report for transmission obligations
16a. Generation of XB (cross-border) schedules and internal schedules of CCPs acting as 'shipper'
9c. Final net positions, final prices (all bidding areas)
13c. Trade confirmations for transmission obligations
13d. Trade confirmation for executed power orders
PX Trading Systems
Cross-Px Clearing Systems
9
PXs Websites
10b. Prices and other transparency data
General Public
8
3. Power Orders
8e. Individual results, Final prices
7
Market Participant
4a. Aggregate order information
6a. Determine final prices, individual results, PX net positions
8d. Allocation of the results
10a. Production of transparency data
0. Nordic price-taking orders to APX and EEX (out of CWE project scope)
13a. Check cross-border TSO exchanges against net positions
13b. Calculate transmission obligation transactions
The numbering of the interfaces doesn't necessarily respect the sequence of the actions