



Testing and Internal Parallel Run

Overview and Plan



General Introduction to Testing and IPR

Nordic parties have agreed to organise testing and an internal parallel run before the go-live of LTCC for Y-1 and M-1

- The decision was made that Y-1 and M-1 will have separate Testing and Parallel Run plan and scope.
- This is due to the different timelines for these implementations. However, where possible, activities are combined for efficiency
- The testing activities will be executed to ensure that the changes in the relevant systems have been correctly implemented and are working under different operational situations
- The parallel run activities will be executed to demonstrate system stability and assess process outcomes on KPIs that will be defined before the start of the internal parallel run
- As much as possible, testing and parallel run activities will follow a sequential approach, meaning updated systems are first tested locally before participation in regional testing
- Following a workshop held in April with the Nordic parties, all parties have provided their readiness for participation in testing and parallel run and no major risks have been identified towards the LTCC Y-1 go-live foreseen for October 2025



LTCC Testing Approach and Activities

In the workshop with Nordic parties beginning of April, the following was discussed for the regional testing for LTCC implementation

- Even though the operational Y-1 process for 2026 is already ongoing, there will be a regional end-to-end test also for Y-1, to validate systems are capable of handling different operational scenarios
- Before participation in regional testing, all project members are going to ensure execution of local testing. This is meant for the validation of the updates in the local system as individual systems and the integration between these local systems (for the same party)
- The regional testing is meant for validation of the end-to-end regional process including publication of the results under different operational scenarios
- Regional testing is foreseen to start after the summer break and continue until approx. middle of October. This test phase will first focus on the Y-1 tests and then on the M-1 tests.



LTCC Parallel Run Approach and Activities

Following alignment with NRAs, the decision was made to only execute an internal parallel run for the LTCC implementation

- The background of the decision to not execute an external parallel run is a constrained timeline for the Y-1 process as the data provision & alignment process begins 9 months before the actual publication date.
- Nordic parties will execute an internal parallel run for both Y-1 and M-1, to demonstrate stability of the updated systems as well as the outcomes of the process with different input parameters
- Even though the 2026 Y-1 is already ongoing, an internal parallel run for the Y-1 process will still be executed to gain further confidence in the system under different input parameters.
- Alignment is currently ongoing regarding the information on the outcomes of the parallel run
- These outcomes will be used by project members internally
- Nordic parties have initiated the process for defining the KPIs that will be used to evaluate the parallel run results internally. Examples of KPIs that are considered are capacity per CNEC, ATC values, and number of successfully computed TS etc.



LTCC M-1 testing and parallel run

For the implementation of M-1, foreseen for first half of 2026, testing timelines and IPR timelines follow a sequential approach

- The aim for the M-1 IPR is to use timings similar to operation, meaning that one run will take place over approximately 2.5 months
- In order to execute the desired number of IPR runs, the first run could be overlapping with the regional E2E testing phase. There could be a need to execute part of the process steps manually during IPR run 1, in which case the level of automation increases in IPR run 2

