



SWE Day-ahead market coupling

16th IG meeting (conference call), 17th June 2014

Agenda

1 Feedback after go-live of full market coupling

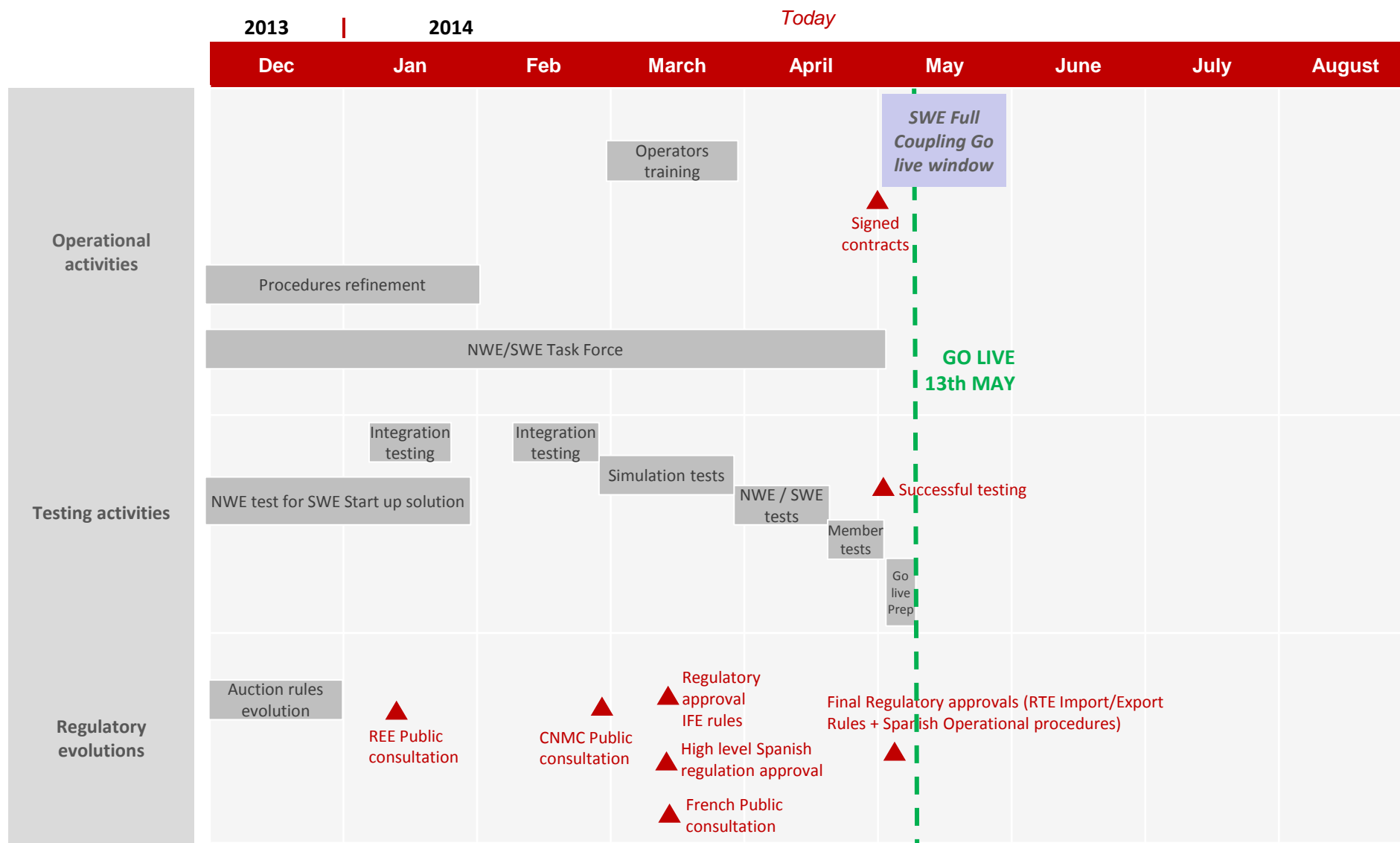
2 Feedback of 17th May incident

Successful go-live the 13th of May 2014

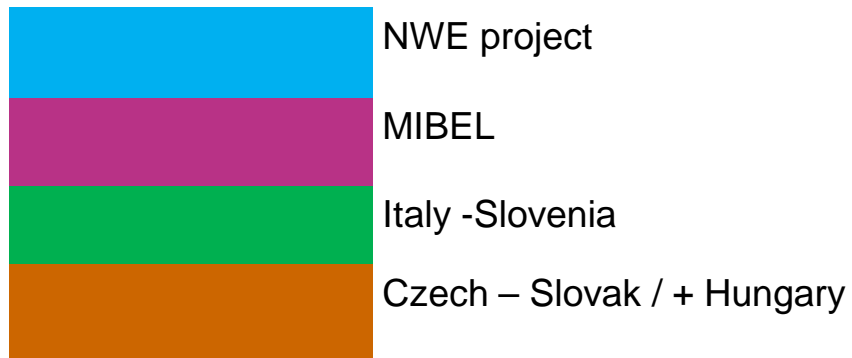


- SWE and NWE now operate together : **the Multi Regional Coupling (MRC) is in place**
- Full pre- and post-coupling solutions are applied for the France-Spain interconnection (after the “common synchronized” mode in place since February 2014)

High level planning – SWE Full coupling



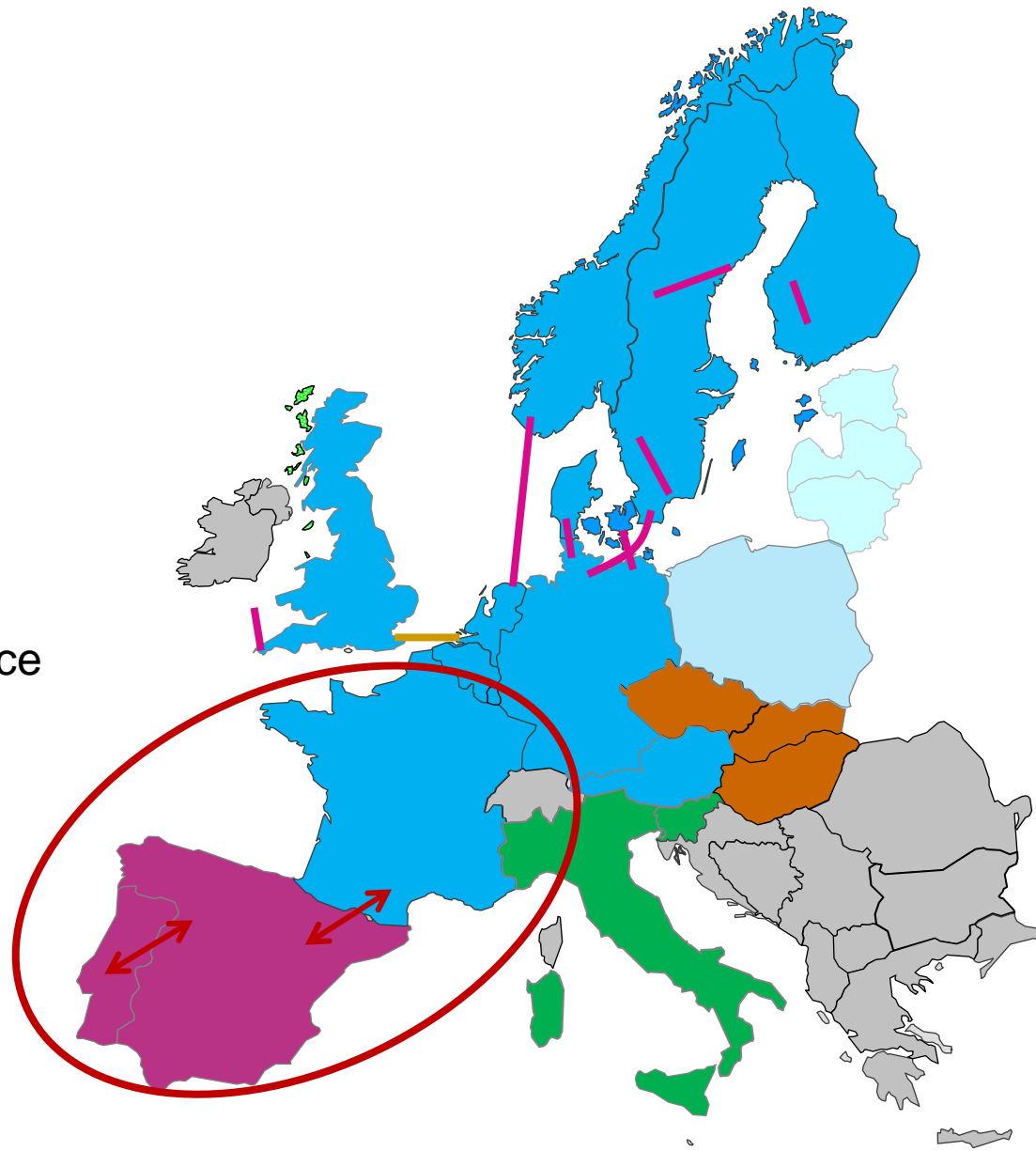
Market coupling projects



SWE Project = Portugal, Spain, France

NWE + SWE Project = MRC

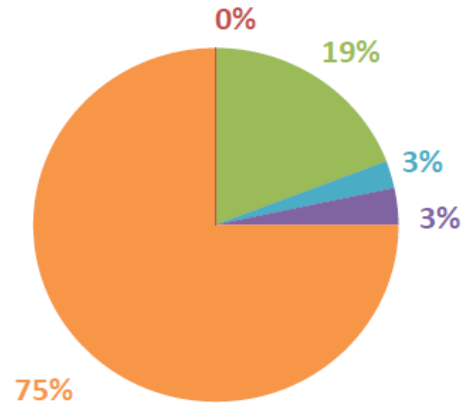
2500 TWh/year
(75% load of ENTSO-E)



Price convergence for the first weeks after full coupling



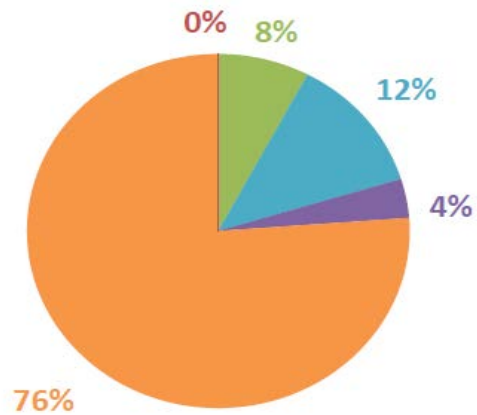
week 1



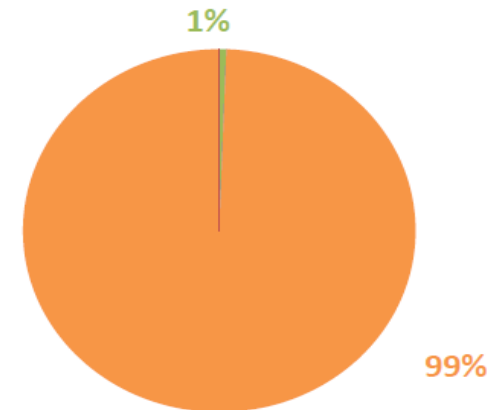
- Price ES = PT = FR = DE
- Price ES = PT = FR <> DE
- Price ES = FR <> PT
- Price ES = PT <> FR
- Price PT <> ES <> FR

Remark: margin of error 0,01 €/MWh

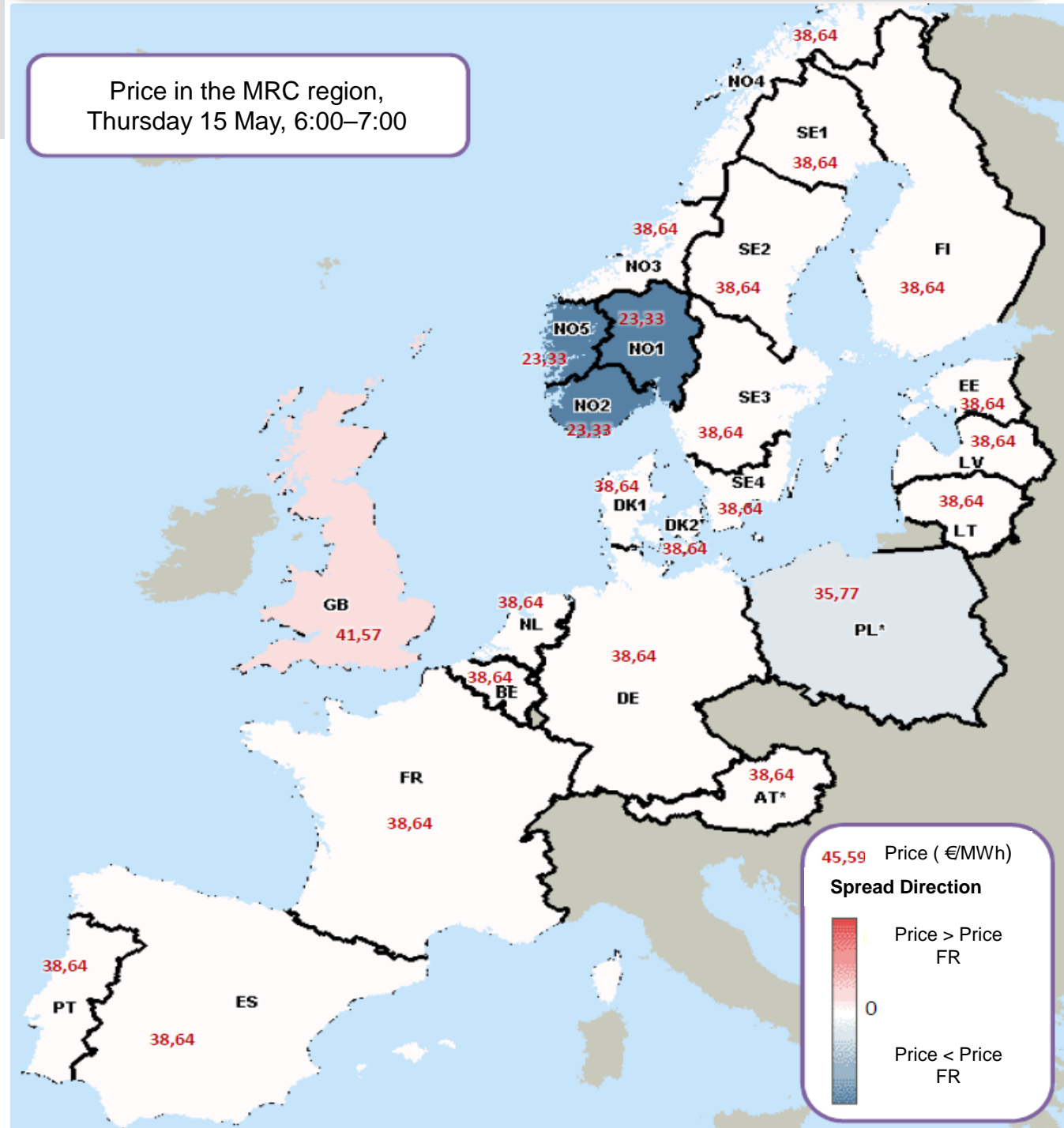
week 2



week3



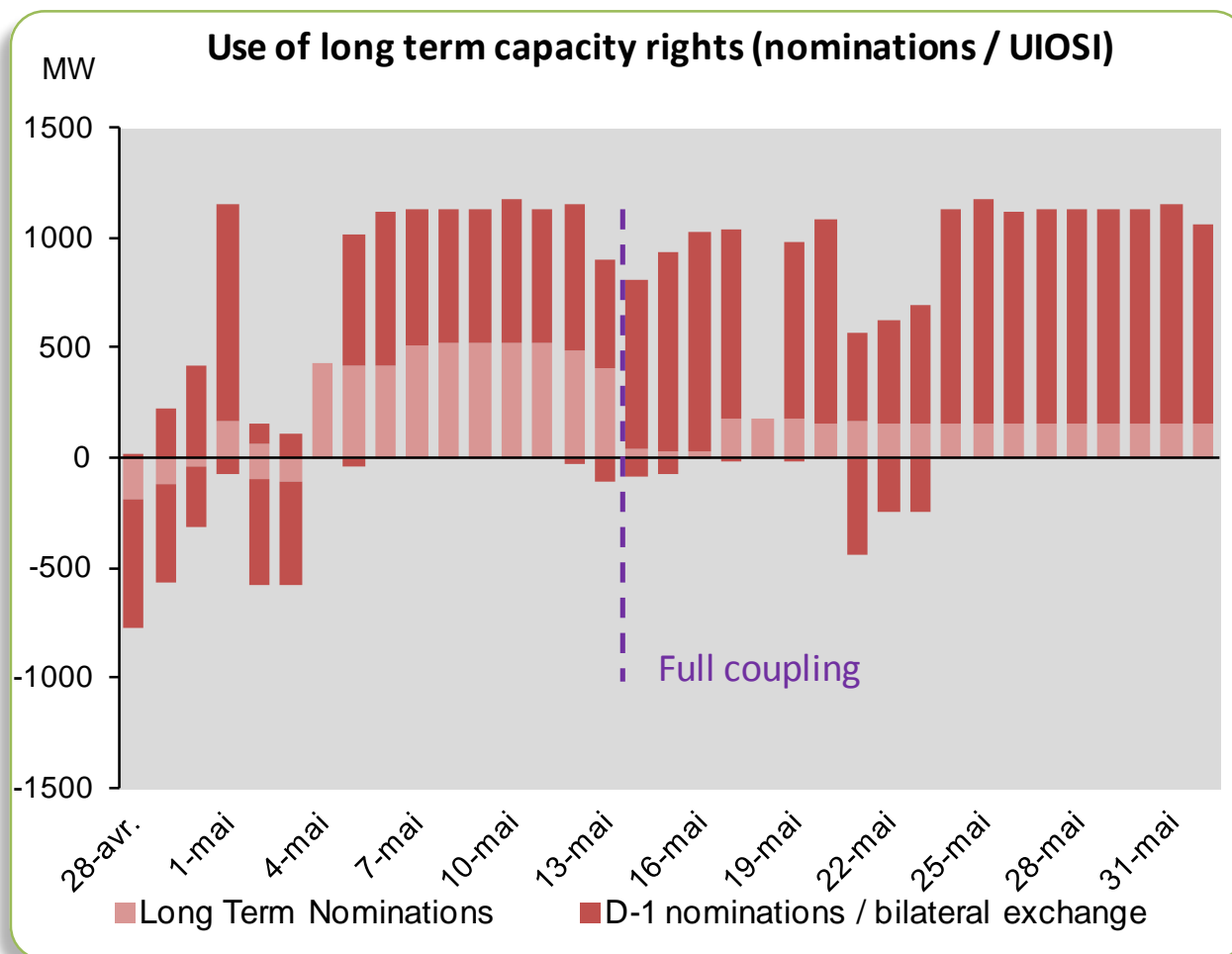
**High Price convergence
in MRC countries on the
15th May 2014
for 6:00-7:00 hourly
product**



Use of long term capacity rights (nominations / UIOSI)



- Since the go-live of the SWE full market coupling, nominations of long term rights have decreased



Agenda

1

Feedback after go-live

2

Feedback of 17th May incident

Causes and impacts of the 17th May incident



- **Major IT issue at RTE**
 - Hardware failure (electrical issue)
 - Malfunctioning of backup solutions

- **Loss of IT tools for the real-time management of interconnections from 8:00 to 14:00**

- **Loss of IT tool used for matching long term programs and capacities (PUMA)**
 - Impacts for managing intra-day programs
 - Impacts for the finalization of the long term nominations and day-ahead capacities matching processes

- **Loss of the IT tool for auctioning and market parties nominations (MORGAN)**
 - Reception of LT nominations
 - Cancellation of intraday auctions on FR-BE border
 - Cancellation of explicit daily auction on FR-CH border

Impacts on France-Spanish interconnector from the 17th May incident



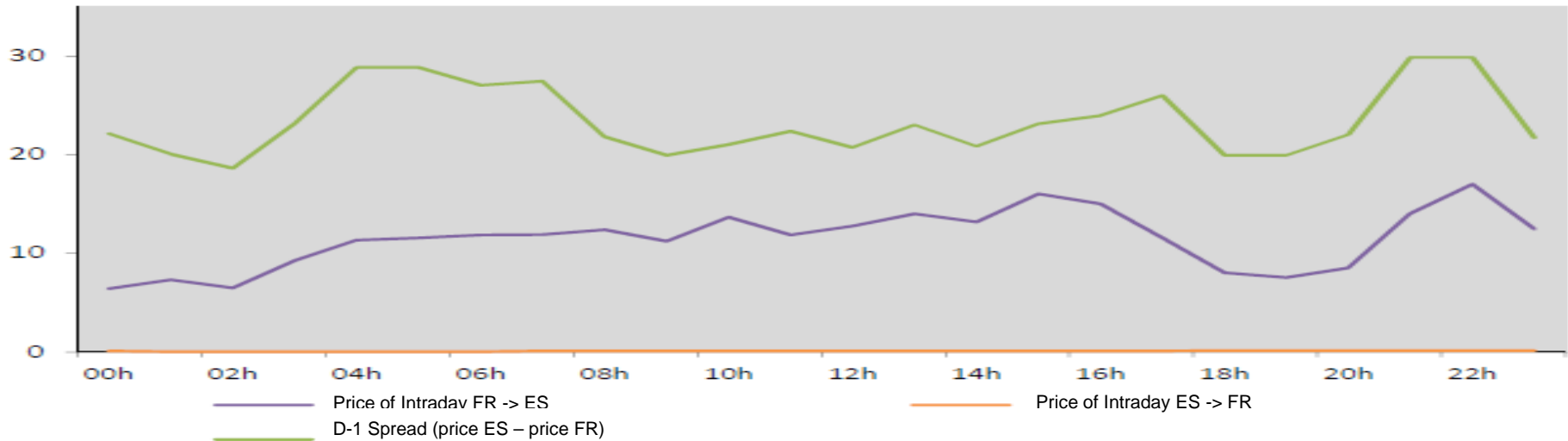
- **France-Spain day-ahead capacity at zero** → partial decoupling of the SWE region
- No impacts on the timings and functioning of the Multi Regional Coupling
- The capacity non allocated through market coupling has been allocated through the first intraday auction (current fallback mode of market coupling for FR-ES interconnection)
- Shadow auctions (foreseen for March 2015) would not have allowed the allocation of capacity in D-1 (as D-1 capacity was set at zero)

Results of intraday auction after the 17th May incident



Price of the explicit intraday auctions on the 18/05 vs. the d-1 spread

€/MWh



Utilization of FR-ES capacity on the 18/05

€/MWh

