



CONGESTION MANAGEMENT

Moving forward alongside the ETSO Vision

EU Electricity Regulators Forum, Rome, 17-18 October 2002

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Congestion Management

Significant progress on 4 key areas:

- ⊕ Grid Development
- ⊕ Operation Co-ordination
- ⊕ Scarce Capacity allocation
- ⊕ Market information and Transparency



Grid Development

Strong capacity improvements on some of the most congested interconnections in Europe:

(Winter 2001/2 - Winter 2002/3)

- Belgium / Germany ➔ Netherlands: + **1000** MW
- France ➔ Belgium / Germany: + **700** MW
- France ➔ Spain: + **300** MW
- Norway ➔ Sweden: + **300** MW
- France ➔ Italy: + **450** MW



Grid Development

Other noteworthy cross-border capacity increases: (Winter 2001/2 - Winter 2002/3)

- Austria ➔ Germany: + **350** MW
- New DC link Italy ↔ Greece: **500** MW

TSOs continue to invest in new permanent infrastructures to facilitate cross-border trade in the IEM



Operational Co-ordination

- ◆ Existing daily data exchange frameworks between **NL/BE/FR/ES/IT** - new TSOs are joining in 2002: **CH** (spring), **DE** (fall)
- ◆ Electronic Highway already operational
- ◆ Efficient information exchange protocols welcome by the whole industry
- ◆ New common procedures to manage special occasions



Scarce Capacity allocation

- ◆ Improvements in F-B allocation, following the guidelines set by both regulators
- ◆ Daily allocation / “use-it-or-lose-it” between FR & IT
- ◆ Start of a Pilot Project for Co-ordinated Congestion Management between NL-BE-FR-DE



Scarce Capacity allocation

but

auctions between FR-ES still waiting for Spanish Government approval (common project of the two TSOs presented at the Florence Spring 2000 Forum ...)



Market information and Transparency

- ◆ Improvement of information publication by individual TSOs
- ◆ New role for ETSO on Market Information
 - ➔ ETSO will first build a common gateway and central index towards main information published by TSOs
 - ➔ A simple table “Information / Market country”, with hyperlinks to the relevant data



Transparency and Data Publication

The process will focus first on:

- Data on cross-border interconnections: capacities at different time frames, computation methods, allocation mechanisms and results, scheduled exchanges, real use of the network
- Data on grid availability: planned outages and influence on capacities, information on outages and disturbances
- Load data: forecasts and real-time
- Generation data: planned outages, hydro reservoirs



Conclusion

TSOs are moving forward on 4 key issues for Congestion Management: *Grid Development, Operational Coordination, Scarce Capacity Allocation, and Transparency*

To go further

a strong co-ordination on a practical basis

between TSOs, Regulatory Authorities and the EC will be needed more than ever