

Session III:

Key Issues & Approaches for Effective Monitoring

Data Availability & Transparency

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Workshop on SEE Market Monitoring

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Regulation 1228/2003 and new CM guidelines

“The electricity market will not function correctly unless sufficient information is available on a non-discriminatory basis”

- Incentives for publishing of extensive market data (grid, transfer capacities, forecasts)
- ETSO: important role in data availability (web-survey, links, seasonal NTCs)
- UCTE: data exchange among TSOs in order to ensure secure operation of Interconnected grid

Public information obtained by SEE TSO's

For the 6th Athens Forum SETSO TF prepared the document:

Internet and market information: overview of SEE TSO's websites

Goal of the investigation:

- To make the benchmarking of market-related information, published by the TSOs from South-East Europe countries on their internet websites
- To encourage the market data publication&transparency among the TSOs

SEE TSOs' web-survey

Available Market information:

Load demand (historic data, real-time (actual values), forecasts)

Grid availability/planned changes

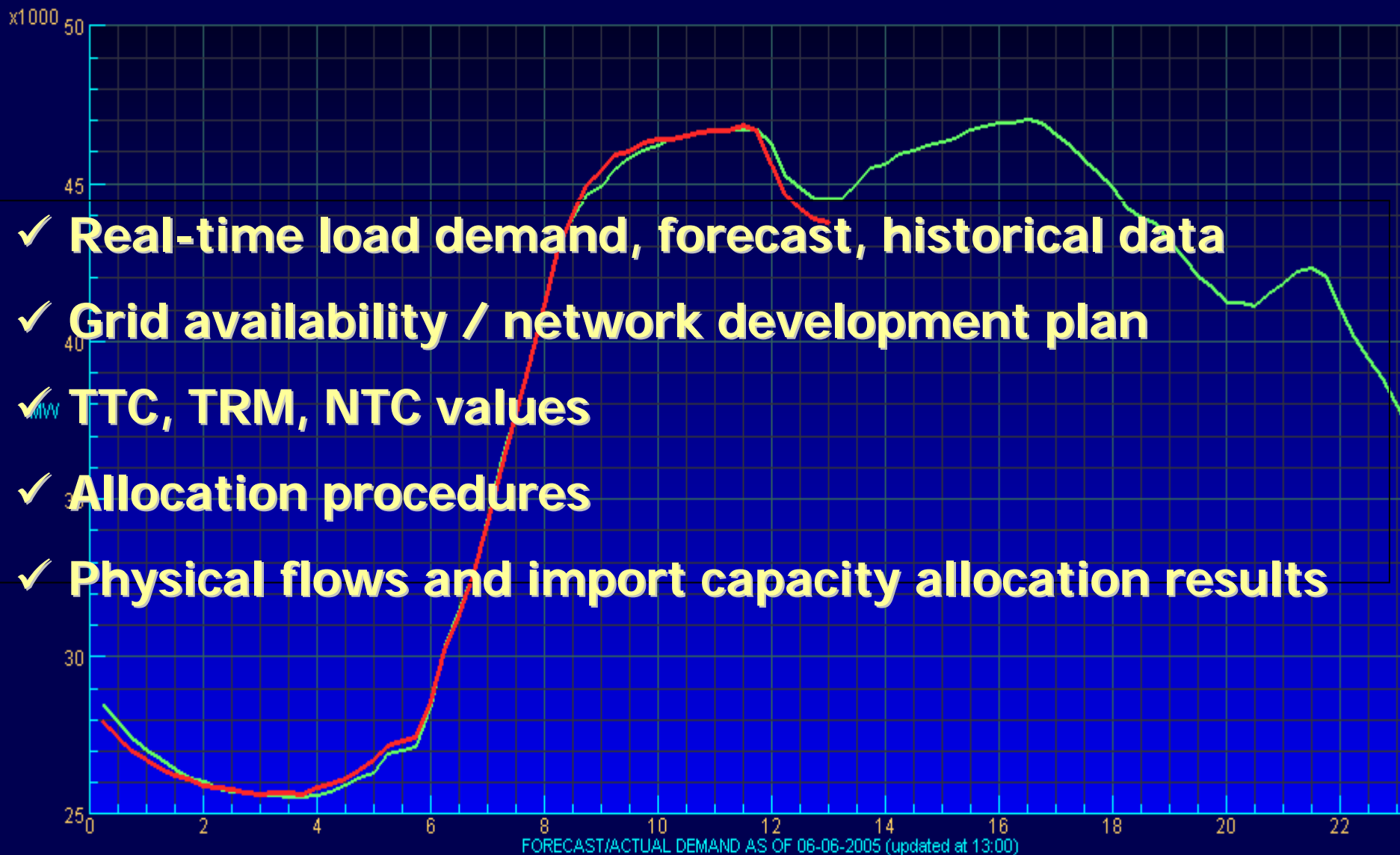
Interconnection status:

- capacity
- allocation mechanism
- allocation results
- physical exchanges – rarely appear

Example: www.grtn.it

Operatore della rete di trasmissione nazionale S.p.A.

National Electricity Demand*



- ✓ Real-time load demand, forecast, historical data
- ✓ Grid availability / network development plan
- ✓ TTC, TRM, NTC values
- ✓ Allocation procedures
- ✓ Physical flows and import capacity allocation results

— Current actual demand = 43.744 MW
— Forecast demand in next 15 minutes = 44.500 MW
Current min / max forecast demand = 25.500 / 47.000 MW

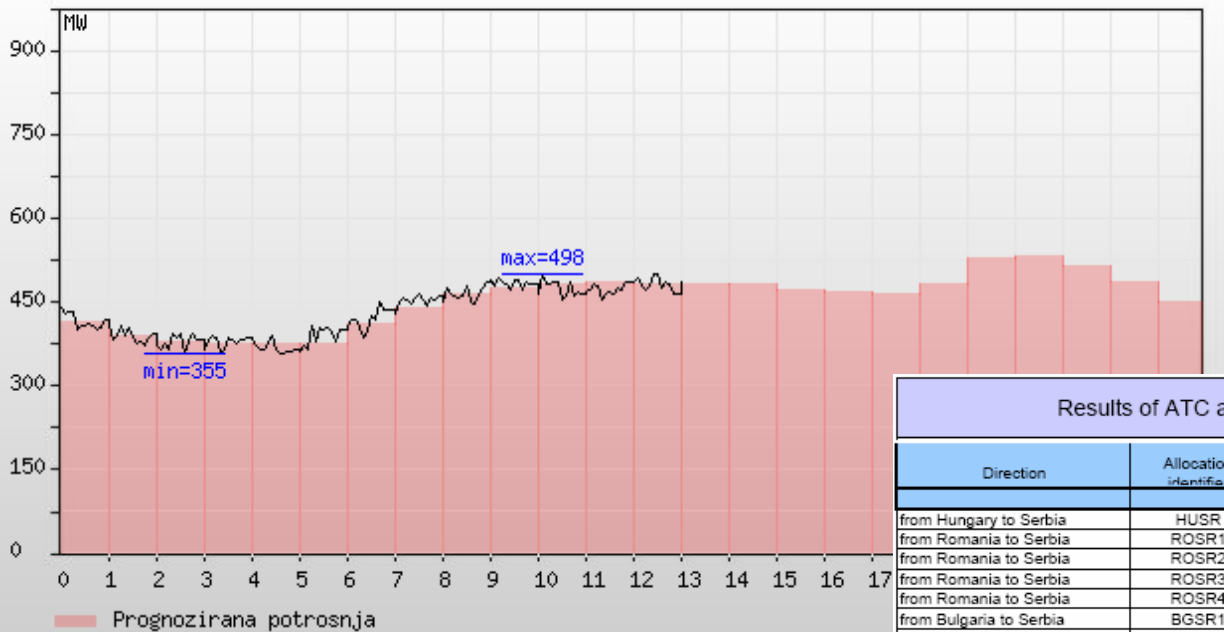
Recent progress in data transparency

Example 1: www.tso-epcg.com (load demand)



NDC - Podgorica, Crna Gora

Dnevni dijagram potrošnje električne energije: 2005-09-27 13:07:28



Results of ATC allocation procedure in Serbian power system for October 2005.

Direction	Allocation identifier	ATC (allocated by EMS)	Sum of allocated capacities	Congestion
		MW	MW	EUR/MW
from Hungary to Serbia	HUSR	125	125	372
from Romania to Serbia	ROSR1	65	65	336
from Romania to Serbia	ROSR2	200	200	336
from Romania to Serbia	ROSR3	20	20	336
from Romania to Serbia	ROSR4	120	120	480
from Bulgaria to Serbia	BGSR1	125	125	336
from Bulgaria to Serbia	BGSR2	250	250	336
from Bulgaria to Serbia	BGSR3	35	35	336
from Bulgaria to Serbia	BGSR4	200	200	480
from Macedonia to Serbia	MKSR1	115	40	0
from Macedonia to Serbia	MKSR2	0	0	0
from Macedonia to Serbia	MKSR3	50	40	0
from Macedonia to Serbia	MKSR4	115	40	0
from Albania to Serbia	ALSR	105	30	0
from Montenegro to Serbia	CGSR	150	0	0
from BiH to Serbia	BHSR	0	0	0
from Croatia to Serbia	HRSR	250	50	0
from Serbia to Hungary	SRHU	125	125	744
from Serbia to Romania	SRRO	25	15	0
from Serbia to Bulgaria	SRBG	25	10	0
from Serbia to Macedonia	SRMK1	75	0	0
from Serbia to Macedonia	SRMK2	0	0	0
from Serbia to Macedonia	SRMK3	45	45	84
from Serbia to Macedonia	SRMK4	55	5	0
from Serbia to Albania	SRAL	60	45	0
from Serbia to Montenegro	SRG1	115	95	0
from Serbia to Montenegro	SRG2	140	140	204
from Serbia to BiH	SRBH	0	0	0
from Serbia to Croatia	SRHR	300	300	744

Example 2: www.ems.co.yu

(allocation rules,
capacities, results)

Conclusion

- Variety of the data transparency level among SEE TSOs
- Good will to publish the market-related data
- A recent progress in data transparency as an outcome of web-survey and the incentives on data transparency

The TSO's benchmarking will be periodically updated in order to monitor the progress