

Energy emergency exercises – Austria, Penta Region 2018

Katharina Bauer – E-Control







1. Where we are coming from

2. Scenery

3. Scenario

4. Where we went from here

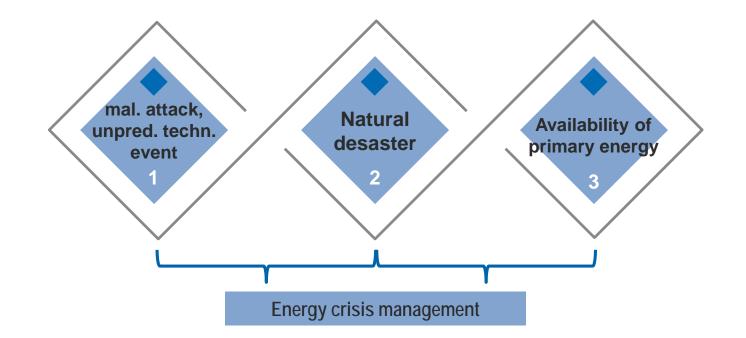
Where we are coming from Legal basis



- Energy crisis act 2012
 - What is a crisis
 - Measures that might be taken
 - Measures for preparation
 - Regular exercises

Where we are coming from *What is a crisis*





Where we are coming from (First) step(s) to be taken



- Analysis of crisis situation
- Issuing energy intervention measures
 - after consulting the Energy Intervention Council
 - by order of Federal Minister for Sustainability and Tourism
- Measures issued in exercise
 - Appeals and directions to final consumers
 - Deviation from emission limits
 - Distribution according to the degree of urgency
 - Consumption quotas for provinces





- Date: 18. 19. April 2018
- Defined date: 16. 17. January 2019
- Duration: 1,5 Tage





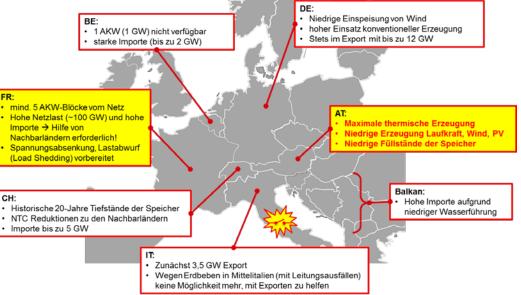




 Based on the real tight grid situation in Europe in January 2017: long dry period, low temperature, high demand, high market prices, low wind and PV production,
 BE: 1AKW (1 GW) nicht verfügbar 3 tarke Importe (bis zu 2 GW)

limited thermal production

- The situation escalated gradually
- European Scenario –
- Location played: Vienna







				1. Shortage		2. Shortage	3. Shortage
16.1.					17.1.		
Unplanned outage of generation unit		Energy Intervention Council	Energy Crisis Regulation		Regulation on costs for waste of energy	Limitation of industry – 2nd intervention method	Quotation of supply areas – 3rd intervention method
	"careful use of energy" – press release			Call for reduction of demand – 1st intervention method			

Where we went from here

Lessons learnt



• Many "firsts"

- Involvement of market
- Quotation of electricity
- Press involvement
- IT security issues





- Underestimated effort to handle social media, yellow press etc.
- Focus on market issues and technical details has to be intensified in following exercises
- Get to know people!
- Firewall/SPAM-settings!



- Pentalateral Energy Forum
 - Table top exercise June 2019
 - Participants: TSOs, NRAs, MS
- Austrian Ministry of the Interior
 - Tabel top exercise October 2019
 - Participants: Ministries, other federal institutions, federal states

Contact



KATHARINA BAUER



+43 1 24724 505



katharina.bauer@e-control.at



www.e-control.at