ENTSO-E contributions to EU electricity consumers' interests

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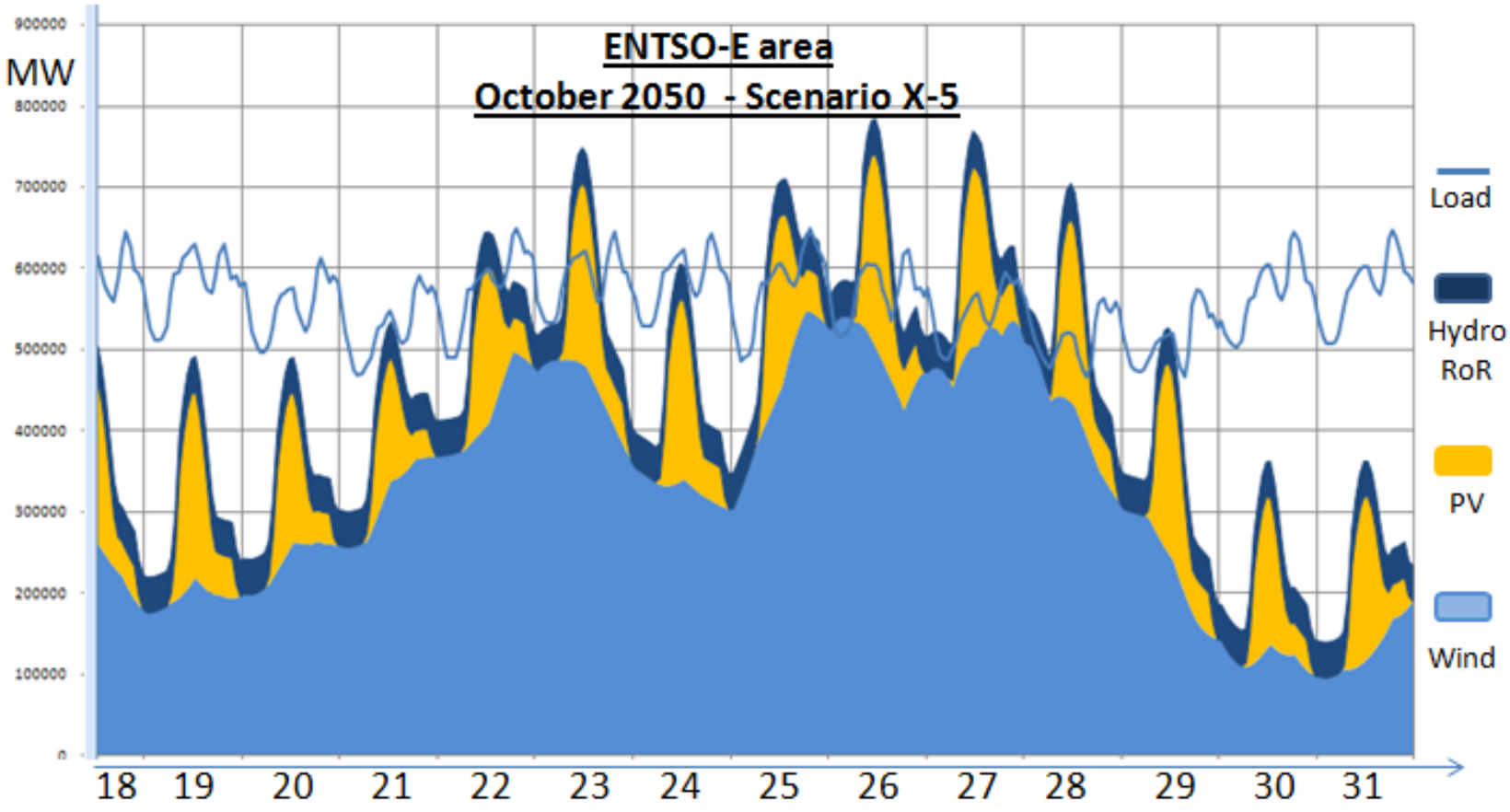
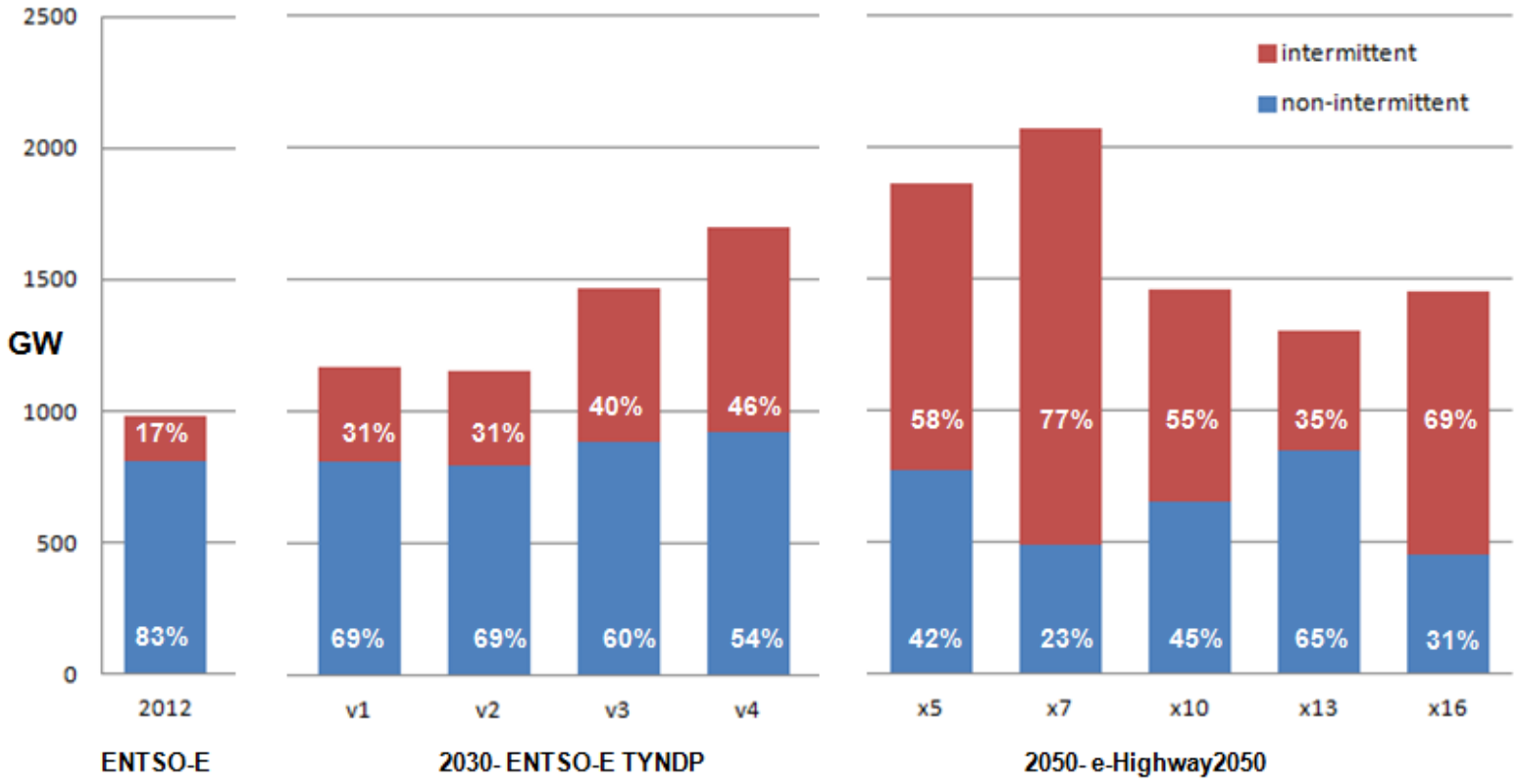
Reliable Sustainable Connected

Why TSOs need empowered customers: Flexibility and DSR are crucial parts of secure electricity supply in the future, and the future is on its way now (2050 simulations)



Why TSOs need empowered customers: Installed generation capacity scenarios for EU

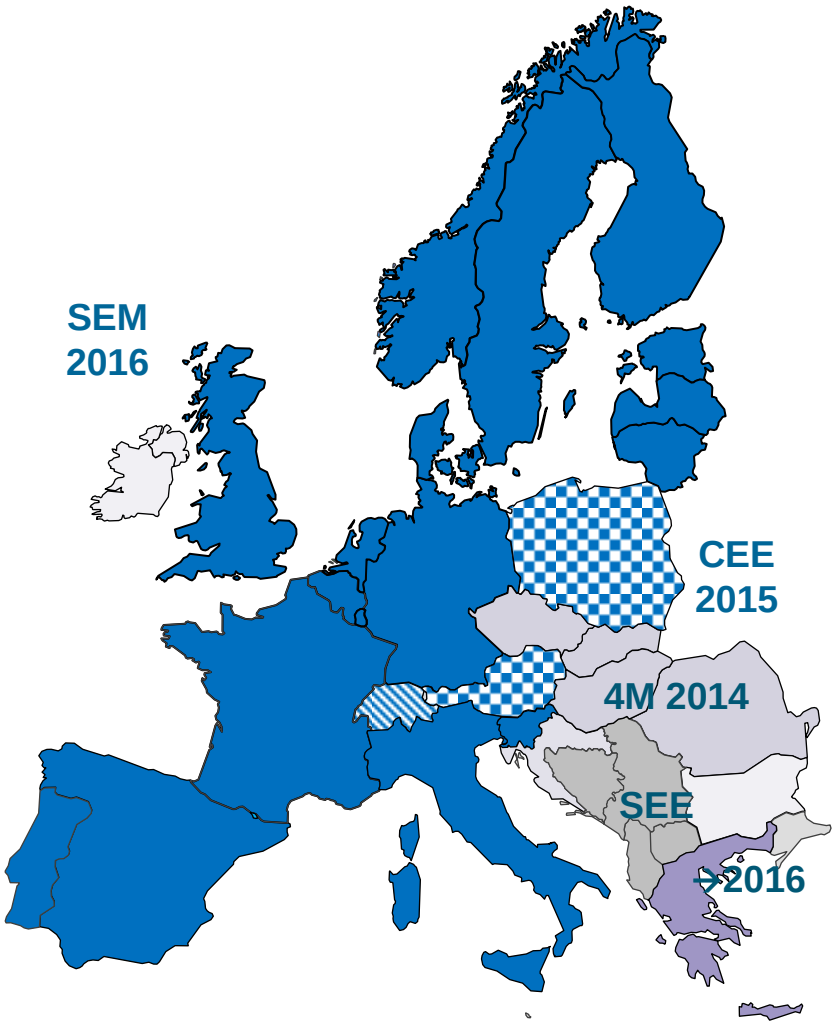


How ENTSO-E has contributed and is supporting to small customers' successful participation in electricity markets

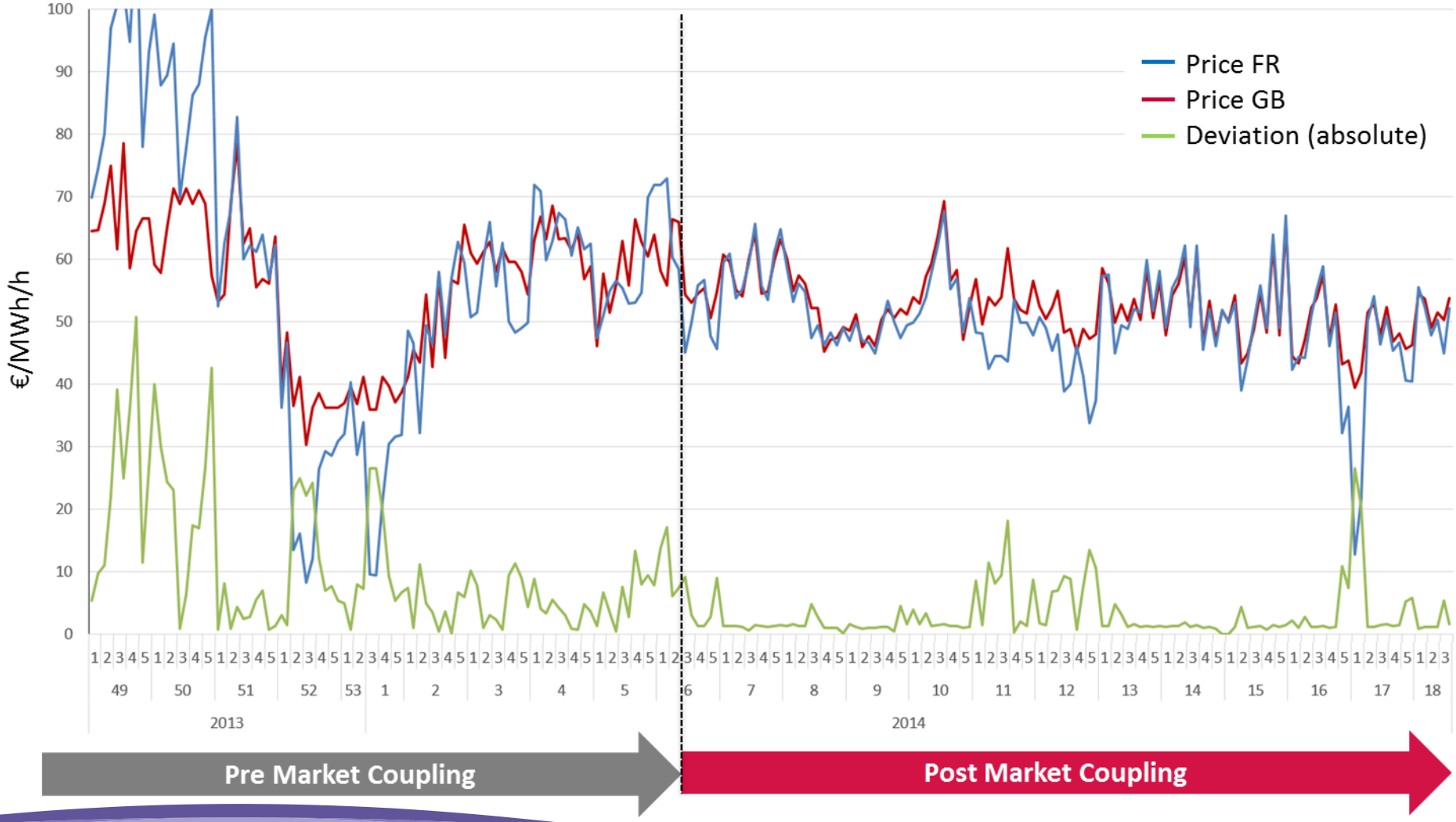
- Empowered customers supported through the aggregator provisions in the Balancing Network Code
- Demand Connection Network Code sets the stage for roll-outs of demand response; customer choice is important, but pushing discussions on customer contributions to some ancillary services products into the future carries dangers of preventing customer choice and customer profits
- Europe-wide wholesale market coupling is an important basis also for small customers participating fully in the markets – suppliers and regulators need to make sure this potential can get exploited
- ENTSO-E's wholesale market fundamental data transparency platform – due Jan. 2015 – is expected to also benefit retail customers

Market coupling: Consumers enjoy purchasing electricity across Europe

- The NWE price coupling project went live in Feb 2014
- Full coupling SWE-NWE in 2014
- Market is supported with a strengthening transmission backbone



Consumers pay almost same price after coupling



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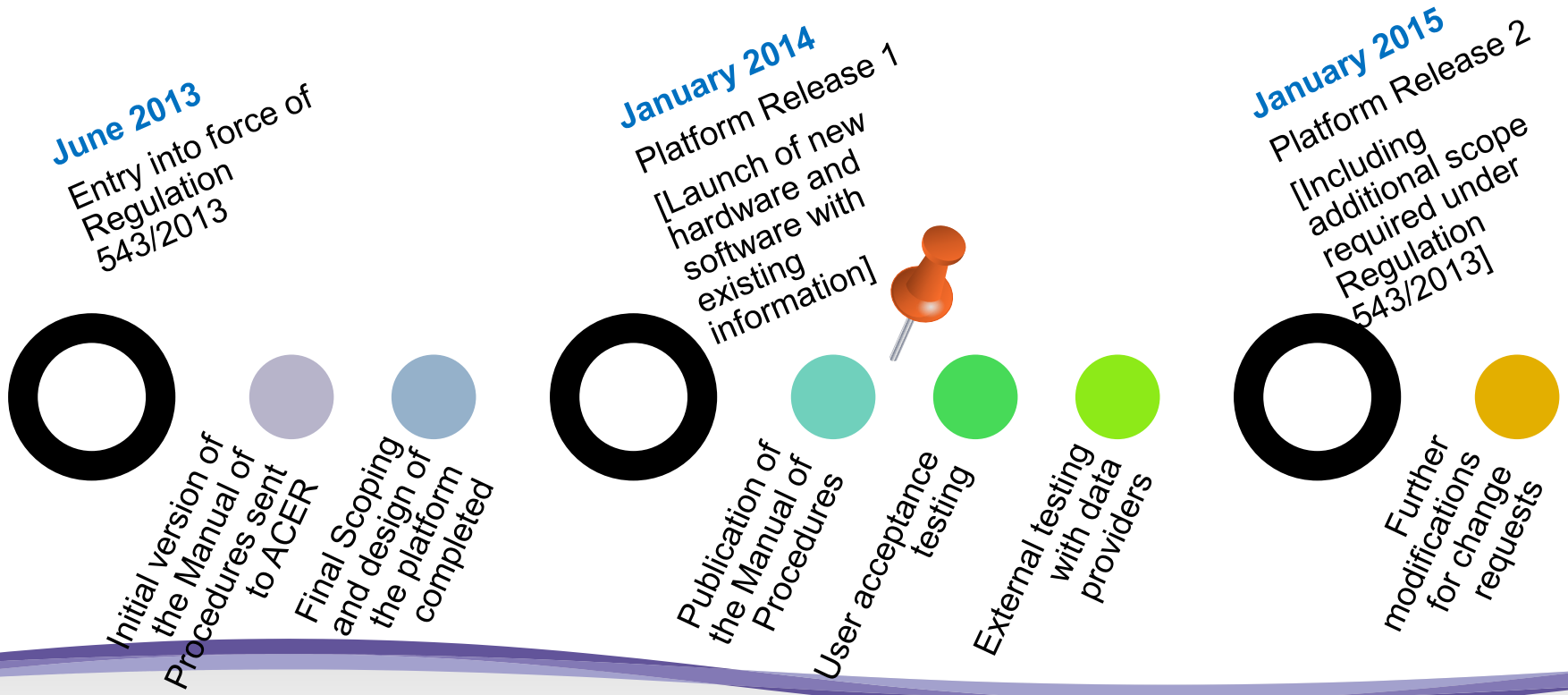
ENTSO-E Transparency Platform – fair information for consumers

- ✓ January 2014 - Release 1 went live *(www.entsoe.net)*
- ✓ May 2014 - Manual of Procedures is published
- ➢ September - Release 2 UAT to be completed
- ➢ Sept – Dec 2014 - Testing with data providers



Network codes into force will strengthen consumers

Internal electricity market

3 Connection Network Codes

set requirements for

- Generators
- Demand-side
- HVDC connections

3 Market Network Codes

set market rules for

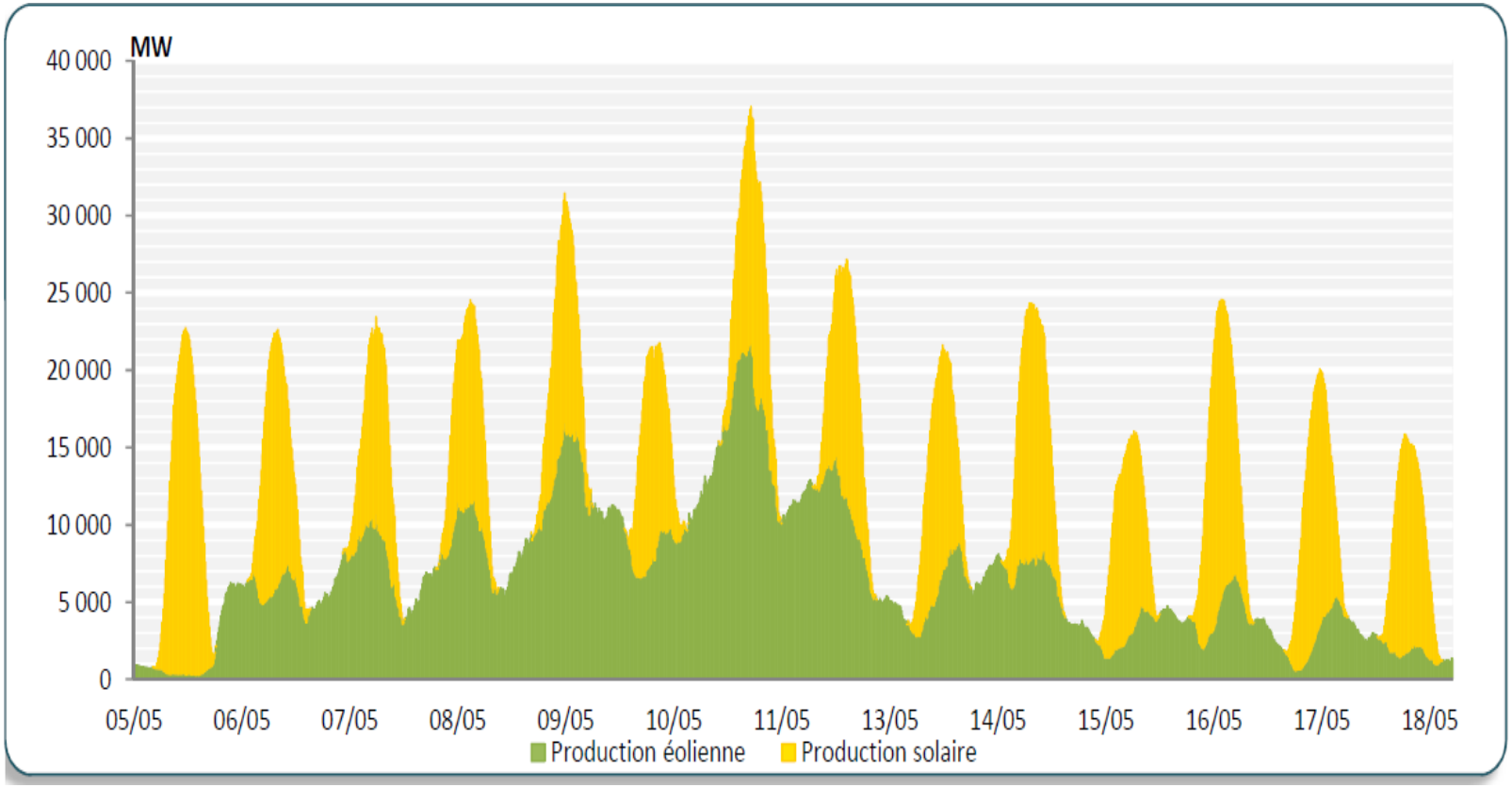
- Day ahead/intraday & Capacity calculation
- Long-term timeframes
- System balancing

4 Operational Network Codes

set common rules for

- Assessing adequacy
- Planning outages
- System security
- Emergency situations

Next actions to support CEER 2020 Vision

- Enable and deploy new system services from demand side response (DSR)
- Define clear roles between TSOs and DSOs
- Complete the IEM with network codes and grid development

Backup: Renewable generation in Germany for two weeks from 5 May 2014