Core Intraday Capacity Calculation methodology
2nd and 3rd amendment

ACER-ELE-2023-010

MESC

18 October 2023

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European Union Agency for the Cooperation of Energy Regulators

- Timeline of the process at ACER:
  - 04 April: referral to ACER
  - May-Aug: working meetings
  - July: public consultation
  - Aug-Sep: preliminary position(s), hearing

  - 06 Oct: Electricity Working Group advice

  - 13 Dec: expected BoR favourable opinion
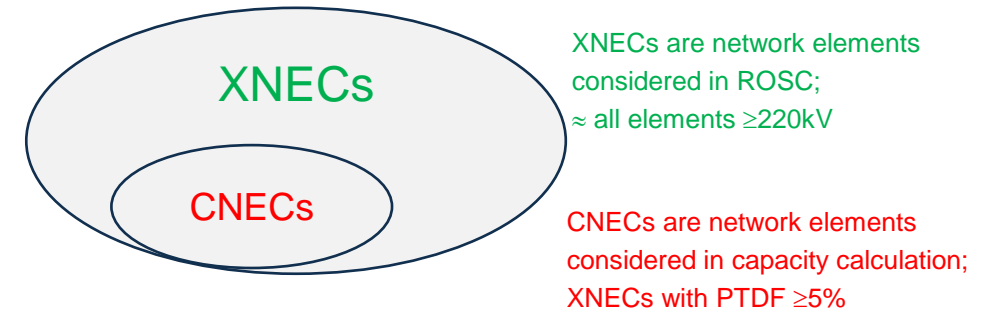
IDCC timeline

ROSC/CROSA <u>outputs,</u> as <u>inputs</u> to Intraday Capacity Calculation (IDCC)
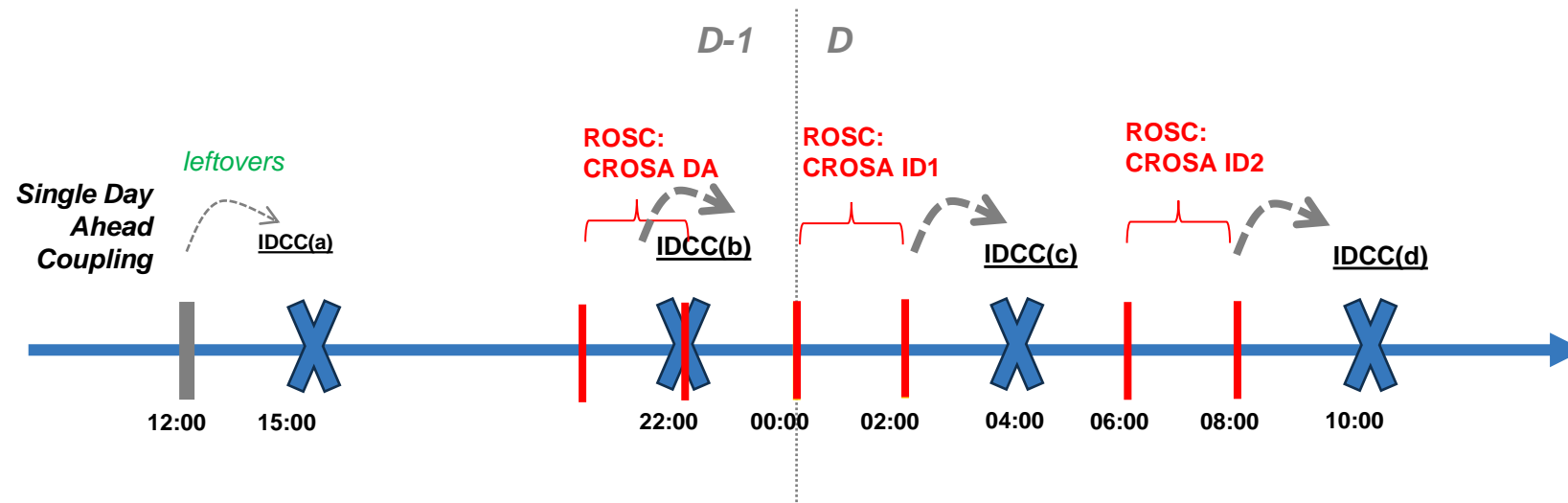
- Agreed:
  - additional intraday capacity calculation round at 04:00 (in order to provide the capacities on the basis of up-to-date CROSA output)

- Still under discussion:
  - timing of different IDCC phases
  - timing of inclusion of the 70% requirement

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The network elements to be considered in the ID capacity calculation

- ROSC process "sees" majority of the network, and resolves congestions on both CNECs and "deeper" internal network elements

- When ROSC outcome is provided to the ID capacity calculation, the IDCC "sees" only CNECs

XNECs

CNECs

XNECs are network elements considered in ROSC;
≈ all elements ≥220kV

CNECs are network elements considered in capacity calculation;
XNECs with PTDF ≥5%

- Core TSOs want to be able to convert all XNECs to CNECs, in order to prevent congestion to re-appear
- ACER is concerned on how to prevent undue discrimination of cross-zonal flows
  - CACM Article 29(3)(b) requires capacity calculation to ignore the elements with low sensitivity to cross-zonal exchanges (hence the PTDF threshold of 5% to select CNECs)

Potentially to have a transitional period for TSOs to set up a valid threshold & ensure equal treatment of cross zonal and internal exchanges

- ID CCM: Intraday capacity calculation methodology
- ROSC: Regional Operational Security Coordination

- XNEC: cross-border-relevant Network Element (with Contingency)
- CNEC: Critical Network Element (with Contingency)
- PTDF: Power Transfer Distribution Factors

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- Adjustment for minRAM as a mean to comply with 70% requirement, included in ACER's proposal

- Concerns (NRAs, TSOs) on the applicability, as no more time to engage Redispatching at Intraday

- Besides RD (where available/efficient), ACER expects TSOs to consider longer term measures (investments, BZ reconfiguration)
  - until they are available, NRAs can provide derogations
  - besides that, ACER considers certain implementation period for introducing 70%

- CGM: Common Grid Model
- UAF: Unscheduled Allocated Flow
- RAM: Remaining Available Margin