Annex IIa – Information requested individually from Svenska kraftnät

- *Data necessary for both options a and b:*

Element requested	Description of the preferred data	Description of the alternative data	Further considerations
List of hourly CNECs (1)	All CNECs together with MCCC (2).	Only limiting CNECs (3).	This data can be provided individually by the relevant TSO and does not require cooperation with the neighbouring TSOs. The network elements could be anonymised, if such anonymisation still allows identifying the bidding-zone or bidding-zone border where the element is located, and allows for a correct matching with the MGM if the TSO opted for option b.
Relevant information for each hourly CNEC	- EIC code of the critical network element ('CNE') and of the associated contingencies. - The "Fmax" value (4) of the CNEC.		

Notes:

1) The CNECs are to be provided for at least each of the coordination areas encompassing the following borders: FI-SE1 or DK2-SE4, for both directions (import and export) and for each market time unit ('MTU') of 2020.

2) Margin from coordinated capacity calculation, as defined in the Recommendation no. 01/2019) values per MTU calculated in line with the Recommendation no. 01/2019.

3) CNECs for which one combination of NTCs (within the coordination area) fully loads the CNEC for the considered MTU.

4) The "Fmax" value is the maximum flow on critical network elements, respecting operational security limits. Fmax values shall include each of the operational security limit relevant in the TSO's capacity calculation that can be attributed to specific CNEC(s) and that can be efficiently translated into Fmax on CNEs. If a constraint cannot be efficiently translated into Fmax, it shall be monitored separately from the MACZT on each CNEC. In such case, TSOs would have to report the allocation constraints that directly restrict the net position of a given bidding-zone, or the cross-zonal capacity on a given bidding-zone border or set of bidding-zone borders, in line with the data request of 20 December 2019 (the formats for the provision of data on allocation constraints are described in Annex 3 of this decision).

- *Data necessary for option a:*

Element requested	Description of the preferred data	Description of the alternative data	Further considerations

PTDFs per hourly CNEC (1)	PTDFs calculated from hourly historical MGMs.	PTDFs calculated from one or several historical or prototype MGMs.	This data can be provided individually by the relevant TSO and does not require cooperation with the neighbouring TSOs.

Note:
1) Zone-to-zone PTDFs, for each oriented bidding-zone border deemed relevant by the TSO to calculate the MACZT. ACER has identified those bidding-zone borders as being at least the bidding-zone borders between the Swedish, Finnish, Danish and Norwegian bidding-zones, with the possibility for TSOs to provide PTDFs on other bidding-zone borders. PTDFs that are not provided will be considered as null.

- *Data necessary for option b:*

Element requested	Description of the preferred data	Description of the alternative data	Further considerations
Relevant information for each CNEC	The identifier of the CNE and of the contingencies in the MGMs.		The identifiers of the CNE and contingencies should match the identifiers of the MGMs.