Prepared by RGCE SG Network Models and Forecast Tools

Indicative values for Net Transfer Capacities (NTC) in Continental Europe

Winter 2010/11, working day, peak hours (non-binding values)

FINAL
22 February 2011

W A R N I N G :

These indicative values have been computed by extrapolation from standard situations, in order to evaluate the transfer capacity through a single interface for a typical exchange situation (European Reference Case Map also available on ENTSO-E Website). Thus these figures are only indicative and they are not cumulative (they cannot be summed up). Maximum export and import values per country also intend to clarify this.

Legend :

- **1200** — NTC in MW - Value agreed by both countries
- **600** / 800 CZ — NTC in MW - Different values are estimated between the two countries involved. The lower value is shown on top and the country providing the higher value is specified.
- **600** / SE — NTC in MW - Value provided by only one country. The country providing no value is specified.
- **NRL** — no realistic limit (5)
- **NA** — Not Available. Value not given by any country.
- ENTSO-E country
- Other country

From / To (6)	IE/NI	GB	MA	PT	ES	FR	BE	NL	LU	DE (9) (8)	DKw (1) (8)	DKe (2)	NO	SE	FI	CH	IT (11)	AT	SI	PL (13)	CZ	SK	HU	GR	RO	HR	BA	RS	ME	MK	AL	BG	UA	LV	LT	EE	BY	RU	Maximum Import in MW
IE/NI		450																																					
GB	80					2000 (2)																																	
MA					900 MA																																		
PT					1700																																		
ES			600 MA	1500		1300																																	
FR		2000 (3)			500		2300			3200						1100	995																						
BE						3400		2400																															
NL							2400			3850																													3850 (4)
LU										980																													
DE (9) (8)						2700		3000	NRL		1500 (4)	585 600 DE		610		3500		2000		1100 PL (16)	2300 (4) 2480 CZ																		
DKw (1) (8)										950 (4)			950 NO	680																									
DKe (2)										600				1300																									
NO											950 NO			3895																									
SE										600	740	1700	3595		1650					0 SE																			
FI														2050																						350		1300	
CH						3200				1500							1810	470																					
IT (11)						2575										4165		220	580					500															
AT										2200						1200	285		900 SI		1000 2200 CZ		800 HU																
SI																	160	900 SI								1000 SI													
PL (13)										1200 PL (16)				600							800 PL(16)	500 PL (16)																	0 (14)
CZ										800 (4)								600 1200 AT		1800 PL (16)		1200																	
SK																				600 PL (16)	2200 2450 CZ		600 HU										400						
HU																		800 HU				1300 HU			700 HU	800 HU		700 HU					800 HU						
GR																	500													300	100 150 GR	550							
RO																							700 HU					500				600	400						2100
HR																			1000 SI				1200 HU				600	450											
BA																										600		450	400										
RS																							600 HU		700	350	350		400	400	210	450							
ME																											400	450			200								
MK																								400				500				400							
AL																								150				210	200										
BG																								500	600			300		200									
UA																						400	650 HU		200														
LV																																		1500	750		500		
LT																																	1300			1100	0		
EE															350																		850				1000		
BY																																		1350					
RU															0																		500	680	1000				
Maximum Export in MW								3850 (4)		8500 (3),(4)										900/200 (14)					2050														

Footnotes :

(1) -Denmak West
(2) - Denmark East
(3) - Maximal cumulated value from DE to NL, FR and CH
(4) - Depending on wind situation in Germany
(5) - When the evaluation of a transfer limit requires to use a set of assumptions which are too far from usual or foreseeable situations (leading to high inaccuracies), the NTC value has been replaced by "no realistic limit".
(6) - Countries are listed in the matrix from the West to the East of Europe
(7) Capacity to be reduced to 1000MW during outage period.
(8) - NTC values should be considered separately, are not cumulative and simultaneous
(9) - Structure of GCB : Amprion, EnBW TNG, TenneT DE, 50Hz Transmission, Creos (LU), VKW-Netz (AT)
(10) - Regulated capacities
(11) - Provided by Austria-France-Italy-Slovenia-Switzerland
(13) - Because of meshed system in the region, PL provides only one interdependent value (for each direction) for the whole polish profile. The value meet requirements of coordinated auctions in the region.
(14) - This refers to the maximum value fromto DE, CZ and SK. In some periods, PSE Operator (PL) may announce reduction of NTC values.The smaller value is affected by a lack of an effective operational reserve.
(15) - This refers to the maximum value fromto FR, DE, AT
(16) - PL provides only the interdependent value for the whole polish profile. The value is given in the Maximum Export/import in MW column/row