



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

Summer 2009, working day, peak hours (non-binding values)

Version  
7th April 2009

**WARNING:**  
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 ETSO 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 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,
- 800 CZ
- 600 NTC in MW - Value provided by only one country. The country providing no value is specified.
- SE
- NRL no realistic limit (5)

ETSO country

SEE TSO country

Other country

From (6)	IE/NL	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/NL		410																																									
GB	80																																										
MA					650 MA																																						
PT					1100 PT																																						
ES			600 MA	1200 PT		1200 FR																																					
FR					500 FR		1100			2700						1400 NRL CH	870																										
BE							2700	2200																																			
NL								2300																																		3850 (4)	
LU										980																																	
DE (9) (8)						2400		3900			1500 (4)	550	600		4400	1600	1200 (4)	2100 (4)																									
DKw (1) (8)										950 (4)			950 NO	680 SE																													
DKe (2)										550				1300 SE																													
NO											950 NO																																
SE										600	740 SE	1700 SE								150 SE																							
FI																																											
CH						3000				2060							1290	800 1000 AT																									
IT (11)						2400											3310	200	330					500																			
AT										1600						1000	70	650 1000 AT	800 2150 CZ				500 800 HU																				
SI																120	350 800 AT										700 1000 SI																
PL (13)										800 (4) PL		600 SE									800 PL (16)	500 PL (16)																			0 (14)		
CZ										800 (4)											1800 PL (16)	1000 PL (16)																					
SK																				400 PL (16)	1200 PL (16)	2500 CZ	600																				
HU																					600 PL (16)	1000 HU	700																				
GR																																											
RO																																											
HR																																											
BA																																											
RS																																											
ME																																											
MK																																											
AL																																											
BG																																											
UA																																											
LV																																											
LT																																											
EE																																											
BY																																											
RU																																											
Maximum Export in MW								3850 (4)		7500 (3) (4)										900 (14)					1550																		

**Footnotes :**

- (1) - Denmark 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) - This refers to the maximal value from GR to BG, MK and AL
- (8) - NTC values should be considered separately, are not cumulative and simultaneous
- (9) - Structure of GCB : E.ON Netz, EnBW TNG, RWE Transportnetz Strom, CEGEDEL Net (LU), Vattenfall Europe Transmission, TIWAG-Netz (AT), VKW-Netz (AT)
- (10) - Regulated capacities
- (11) - Provided by Austria-France-Italy-Slovenia-Switzerland
- (12) - Because of meshed system in the region, PL provides only one interdependent value (for each direction) for the hole polish profile.
- (13) - The value meet requirements of coordinated auctions in the region.
- (14) - This refers to the maximal value from/to DE, CZ and SK
- (15) - This refers to the maximal value from/to FR, DE, AT
- (16) - PL provides only the interdependent value for the hole polish profile. The value is given in the Maximum Export/Import in MW column/row