Indicative values for Net Transfer Capacities (NTC) in Europe

Winter 2008-2009, working day, peak hours (non-binding values)

Version
5th January
2009

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 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 / 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)

ETSO country
SEE TSO country
Other country

From (6) / 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 GB																																	
MA					650																																		
PT					1300																																		
ES			600	1200		1400																																	
FR		2000 GB			500		2200			2750						2300	995																						
BE						3200		2400																															
NL							2400			3850			700 NO																										4750 (4)
LU										980 LU																													
DE (9) (8)						2900		3000			1500 (4)	550		600		3200		1800		1100 (4) PL (13)	2250 (4)																		
DKw (1) (8)										950 (4)			950	680																									
DKe (2)										550				1300																									
NO											950			2300																									
SE										600	740	1700	2200		1650					100 SE																		
FI														2050																						350		1300	
CH						3200				1500							1810	470																					5100 (15)
IT (11)						2650										4240		220	430					0 500 GR															
AT										2000						1200	85		650		700 1900 CZ		350 600 HU																
SI																	160	650								900													
PL (13)										1200 (4) PL				600 PL							800 PL	500 PL																	0 (14)
CZ										800 (4)								600 900 AT		1750 PL		1000																	
SK																				500 PL	1200 2000 CZ		400 600 SK									400 UA						
HU																		500 700 HU				1200 1500 HU			800 900 HU	400		600				800 UA						
GR																	0 500 GR													70	30	500 600 BG							
RO																							600					500				750	400 UA						1700
HR																			900				1000				600	420											
BA																										630		350	480										
RS																							600		450 650 RO	430	430		450	600	250	450 650 BG							
ME																											400	400			100								
MK																								300				250											
AL																								300				250	200										
BG																								300 500 BG	750			500											
UA																						400 UA	300 UA		400 UA														
LV																																		1500	750		400		
LT																																	1300			1400	680		
EE															350																		750		1000				
BY																																		2200					
RU															0																		600	680	1000				
Maximum Export in MW								3500 (4)		6500 (3) (4)						6000 (15)				800 (14)				500 (7)	1950														

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 Tansmission, TIWAG-Netz (AT), VKW-Netz (AT)
(10) - Regulated capacities
(11) - Provided by Austria-France-Italy-Slovenia-Switzerland
(13) - Because of the meshed system in the region, PI only provides values in the Interdependent NTC Matrix
(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