

State of art of transmission tariffs in EnC

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NC TAR implementation in EnC

- ❖ NC TAR has been included in the acquis communautaire of EnC by PHLG Decision in November 2018
- ❖ Implementation deadline:
 - ❖ 28 February 2020 and 31 May 2021 for chapters II, II and IV
- ❖ Ukraine and Moldova applied the most NC TAR provision
 - ❖ Moldova: consultation requirements were not fully in line with Chapter VII
 - ❖ Ukraine: cost allocation assessment envisaged by Article 5 and consultation requirements of Chapter VII were not performed
- ❖ Serbia prepared new tariff system in line with NC TAR
 - ❖ ECRB adopted Analysis of the Consultation document with a positive opinion
 - ❖ new tariff system is not adopted and implemented yet
- ❖ North Macedonia, BiH and Georgia
 - ❖ tariff systems are not in line with NC TAR

Tariff systems main characteristics in UA, ML and SR

- ❖ Reference price methodology: Capacity Weighted Distance
- ❖ Capacity - Commodity split: 100% - 0%
- ❖ Entry – Exit split: 50% - 50% (ML and SR, UA - n.a.)
- ❖ Seasonal factors only in Serbia (from 0,48 – 2,08)
- ❖ Multipliers

The level of multipliers for capacity products:	Ukraine	Serbia	Moldova
a) quarterly standard capacity product	1,1	1,1 (1,2*)	1
b) monthly standard capacity product	1,2	1,2 (1,3*)	1
c) daily standard capacity product	1,45	2 (1,875*)	1
d) within day standard capacity products	1,595	2,2 (3*)	1

- * - Gastrans multipliers

Tariffs in UA, ML and SR (EUR/MWh/h/y)

Moldova	€/MWh/h/y	Ukraine	€/MWh/h/y
Entry TSO	13976	Entry from: PO, SL, HU, MD, RO	3307
Exit point intra	16161	Entry from: RU	11896
Exit point cross	13434	Exit to: PO	6717
Serbia		Exit to: SL	7193
Entry TSO	3117	Exit to: HU	6873
Entry production	2219	Exit to: MD	6071
Entry SSO	567	Exit MD-Kaushany	840
Exit point intra	2612	Exit MD–Oleksiiivka	7215
Exit point cross	3282	Exit Virtual point MD	416
Exit point SSO	965	Exit RO-Orlovka	840
Serbia-Gastrans		Exit RO-Tekove	6524
Entry BG	6300	Discount aplied in case of conditional capacity Tariff for Exit point intra and Exit point SSO in m3	
Exit SR	4400		
Exit HU	7190		

Transmission costs for cross system network use in EnC

- ❖ Transmission cost for 1 MWh/d/y are calculated
 - ❖ yearly tariff and 100% of capacity usage
 - ❖ 35 EUR/MWh gas price for commodity tariffs (Gastrans 0,23% of transported Q)
- ❖ Moldova
 - ❖ In all direction 3,44 EUR/MWh (1,60 + 1,84)
- ❖ Serbia
 - ❖ From (BG or HU) to BiH 0,74 EUR/MWh (0,36 + 0,38)
 - ❖ Gastrans from BG to HU 1,62 EUR/MWh (0,72 + 0,82 + 0,08)
- ❖ Ukraine
 - ❖ PO UA SL or HU UA SL 1,20 EUR/MWh (0,38 + 0,82)
 - ❖ RU UA SL 2,18 EUR/MWh (1,36 + 0,82)
- ❖ TBS in oposite direction: MD+UA
 - ❖ RO UA MD SL 4,69 EUR/MWh (0,38+0,05+ 3,44+0,82)
- ❖ Real transmission costs for 1 MWh/d/y are higher
 - ❖ 80% capacity usage increase cost for about 25%
 - ❖ short term contracts usage increase cost
 - ❖ auction premium increase cost

Recommendations

- ❖ Implement tariff systems in line with NC TAR in all EnC countries
- ❖ Tariffs should give right economic signals
 - ❖ for TSO revenue and its recovery
 - ❖ for network users booking behavior (short term contracts usage)
- ❖ Tariffs should be competitive