

Capacity and commodity prices for the gas transmission networks owned by Bulgartransgaz EAD for the gas year 01.10.2018 - 30.09.2019 in accordance with Decision No NGP-1/01.08.2017 of the EWRC adopted by decision under item 6 of Protocol No 276 of 29.05.2018 of Bulgartransgaz EAD Management Board

1. Capacity based prices

* the capacity based price is calculated at entry and exit points/zones of the gas transmission system owned by Bulgartransgaz EAD based on the allocated capacity for the respective points.

** prices do not include Value of added tax

1.1 Capacity based prices for yearly capacity product

| Capacity based prices (BGN/MWh/day/year) | Firm capacity product | Interruptible capacity product |
|--|-----------------------|--------------------------------|
| Entry points/zones | | |
| Negru Voda/Kardam | 162.1710 | 145.9539 |
| Domestic production | 114.2641 | 102.8377 |
| GMS Chiren (withdrawal) | 111.5373 | 100.3836 |
| Kulata/Sidirocastro | 284.8958 | 256.4062 |
| Ruse/Giurgiu | 273.5066 | 246.1559 |
| Exit points/zones | | |
| Exit zone Bulgaria | 339.2391 | 305.3152 |
| GMS Chiren (Injection) | 97.2189 | 87.4970 |
| Strandzha/Malkoclar | 71.2027 | 64.0824 |
| Kulata/Sidirocastro | 327.6873 | 294.9186 |
| Kyustendil/Zhidilovo | 468.7635 | 421.8872 |
| Ruse/Giurgiu | 268.2557 | 241.4301 |
| Negru Voda/Kardam (backhaul) | | 81.0855 |

1.2 Capacity based prices for quarterly firm capacity product

| Capacity based prices (BGN/MWh/day/quarter) | Firm product | | | | Interruptible product | | | |
|---|------------------------------|-----------------------------|------------------------------|-------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--|
| | Firm product IV quarter 2018 | Firm product I quarter 2019 | Firm product II quarter 2019 | Firm product III quarter 2019 | Interruptible product IV quarter 2018 | Interruptible product I quarter 2019 | Interruptible product II quarter 2019 | Interruptible product III quarter 2019 |
| Entry points/zones | | | | | | | | |
| Negru Voda/Kardam | 73.5768 | 71.9773 | 40.4317 | 40.8760 | 66.2191 | 64.7796 | 36.3885 | 36.7884 |
| Domestic production | 51.8415 | 50.7145 | 28.4878 | 28.8008 | 46.6574 | 45.6431 | 25.6390 | 25.9207 |
| GMS Chiren (withdrawal) | 50.6043 | 49.5042 | 27.8079 | 28.1135 | 45.5439 | 44.5538 | 25.0271 | 25.3022 |
| Kulata/Sidirocastro | 129.2568 | 126.4469 | 71.0288 | 71.8094 | 116.3311 | 113.8022 | 63.9259 | 64.6285 |
| Ruse/Giurgiu | 124.0896 | 121.3920 | 68.1893 | 68.9386 | 111.6806 | 109.2528 | 61.3704 | 62.0447 |
| Exit points/zones | | | | | | | | |
| Exit zone Bulgaria | 153.9123 | 150.5664 | 84.5774 | 85.5068 | 138.5211 | 135.5098 | 76.1197 | 76.9561 |
| GMS Chiren (Injection) | 44.1081 | 43.1492 | 24.2381 | 24.5045 | 39.6973 | 38.8343 | 21.8143 | 22.0541 |
| Strandzha/Malkoclar | 32.3046 | 31.6023 | 17.7519 | 17.9470 | 29.0741 | 28.4421 | 15.9767 | 16.1523 |
| Kulata/Sidirocastro | 148.6713 | 145.4393 | 81.6974 | 82.5952 | 133.8042 | 130.8954 | 73.5277 | 74.3357 |
| Kyustendil/Zhidilovo | 212.6774 | 208.0539 | 116.8698 | 118.1541 | 191.4097 | 187.2485 | 105.1828 | 106.3387 |
| Ruse/Giurgiu | 121.7072 | 119.0614 | 66.8802 | 67.6151 | 109.5365 | 107.1553 | 60.1922 | 60.8536 |
| Negru Voda/Kardam (backhaul) | - | - | - | - | 36.7884 | 35.9886 | 20.2158 | 20.4380 |

1.3 Capacity based prices for monthly capacity product

1.3.1 Capacity based prices for monthly firm capacity product

| Capacity based prices (BGN/MWh/day/month) | 2018 | | | 2019 | | | | | | | | |
|---|---------|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|-----------|
| | October | November | December | January | February | March | April | May | June | July | August | September |
| Entry points/zones | | | | | | | | | | | | |
| Negru Voda/Kardam | 27.5469 | 26.6582 | 27.5469 | 27.5469 | 24.8810 | 27.5469 | 13.3291 | 13.7734 | 13.3291 | 13.7734 | 13.7734 | 13.3291 |
| Domestic production | 19.4092 | 18.7831 | 19.4092 | 19.4092 | 17.5309 | 19.4092 | 9.3916 | 9.7046 | 9.3916 | 9.7046 | 9.7046 | 9.3916 |
| GMS Chiren (withdrawal) | 18.9461 | 18.3349 | 18.9461 | 18.9461 | 17.1126 | 18.9461 | 9.1674 | 9.4730 | 9.1674 | 9.4730 | 9.4730 | 9.1674 |
| Kulata/Sidirocastro | 48.3933 | 46.8322 | 48.3933 | 48.3933 | 43.7100 | 48.3933 | 23.4161 | 24.1966 | 23.4161 | 24.1966 | 24.1966 | 23.4161 |
| Ruse/Giurgiu | 46.4587 | 44.9600 | 46.4587 | 46.4587 | 41.9627 | 46.4587 | 22.4800 | 23.2293 | 22.4800 | 23.2293 | 23.2293 | 22.4800 |
| Exit points/zones | | | | | | | | | | | | |
| Exit zone Bulgaria | 57.6242 | 55.7653 | 57.6242 | 57.6242 | 52.0476 | 57.6242 | 27.8827 | 28.8121 | 27.8827 | 28.8121 | 28.8121 | 27.8827 |
| GMS Chiren (Injection) | 16.5139 | 15.9812 | 16.5139 | 16.5139 | 14.9158 | 16.5139 | 7.9906 | 8.2569 | 7.9906 | 8.2569 | 8.2569 | 7.9906 |
| Strandzha/Malkoclar | 12.0947 | 11.7046 | 12.0947 | 12.0947 | 10.9242 | 12.0947 | 5.8523 | 6.0474 | 5.8523 | 6.0474 | 6.0474 | 5.8523 |
| Kulata/Sidirocastro | 55.6620 | 53.8664 | 55.6620 | 55.6620 | 50.2753 | 55.6620 | 26.9332 | 27.8310 | 26.9332 | 27.8310 | 27.8310 | 26.9332 |
| Kyustendil/Zhidilovo | 79.6256 | 77.0570 | 79.6256 | 79.6256 | 71.9199 | 79.6256 | 38.5285 | 39.8128 | 38.5285 | 39.8128 | 39.8128 | 38.5285 |
| Ruse/Giurgiu | 45.5667 | 44.0968 | 45.5667 | 45.5667 | 41.1570 | 45.5667 | 22.0484 | 22.7834 | 22.0484 | 22.7834 | 22.7834 | 22.0484 |

1.5 Overrun capacity prices

| Overrun capacity prices (BGN/MWh/day) | Overrun capacity |
|---------------------------------------|------------------|
| Entry points/zones | |
| Negru Voda/Kardam | 2.2215 |
| Domestic production | 1.5653 |
| GMS Chiren (withdrawal) | 1.5279 |
| Kulata/Sidirocastro | 3.9027 |
| Ruse/Giurgiu | 3.7467 |
| Exit points/zones | |
| Exit zone Bulgaria | 4.6471 |
| GMS Chiren (Injection) | 1.3318 |
| Strandzha/Malkoclar | 0.9754 |
| Kulata/Sidirocastro | 4.4889 |
| Kyustendil/Zhidilovo | 6.4214 |
| Ruse/Giurgiu | 3.6747 |
| Negru Voda/Kardam (backhaul) | 1.1108 |

* the price for capacity overrun is calculated for the daily allocated natural gas quantity at entry and exit points of the gas transmission system exceeding the total booked capacity at the respective points.

2. Commodity based prices

| Commodity based price (BGN/MWh) | Value |
|---|--------|
| Transmission component * | 0.0646 |
| Technological component ** | 0.0860 |
| Component public service obligation *** | 0.0979 |

* transmission component is charged at all entry and exit points/zones of the gas transmission system according to the allocated natural gas quantities at these points/zones.

** technological component of the commodity price is charged at all entry and exit points/zones of the gas transmission system according to the allocated natural gas quantities at these points/zones.

*** the component for covering costs related to imposed public services obligations is charged at all national exit points/zones of the gas transmission system, excluding exit points to natural gas storage facilities, according to the allocated natural gas quantities at these points/zones.

**** commodity prices do not include Value of added tax