

Opcom

MONTHLY MARKET REPORT

MAY 2016



Day-Ahead Market - May 2016

Number of registered participants on Day Ahead Market: **324** Number of active market participants [participants/month]: **245** Average number of active market participants [participants/day]: **229** Average price (arithmetic mean) [EUR/MWh]: **26.87** Average price (weighted mean) [EUR/MWh]: **27.33** Total traded volume [MWh]: **2,032,341.1** Average traded volume [MWh/h]: **2,731.6** DAM share of net forecasted consumption [%]: **48.90** Value [mil. EUR]: **55.54**

| Period | Total Traded Volume [MWh] | Average Traded Volume [MWh/h] | DAM Share [%] | Average Price [EUR/MWh] | Value of Transactions [EUR] |
|-----------|------------------------------|----------------------------------|------------------|----------------------------|--------------------------------|
| May-15 | 1,752,434.1 | 2,355.4 | 43.64% | 27.56 | 49,617,376.91 |
| May-16 | 2,032,341.1 | 2,731.6 | 48.90% | 26.87 | 55,537,623.39 |
| Variation | ▲ +15.97% | ▲ +15.97% | ▲ +12.06% | ▼-2.52% | ▲ +11.93% |

| Period | Total Traded Volume [MWh] | Average Traded Volume [MWh/h] | DAM Share [%] | Average Price [EUR/MWh] | Value of Transactions [EUR] |
|-----------|------------------------------|----------------------------------|------------------|----------------------------|--------------------------------|
| April-16 | 2,083,721.5 | 2,894.1 | 49.92% | 28.94 | 60,817,362.83 |
| May-16 | 2,032,341.1 | 2,731.6 | 48.90% | 26.87 | 55,537,623.39 |
| Variation | ▼-2.47% | ▼-5.61% | ▼-2.04% | ▼-7.16% | ▼-8.68% |

Intraday Market - May 2016

Number of registered participants on IDM: **119** Number of active market participants [participants/month]: **47** Average price (weighted mean) [EUR/MWh]: **22.15** Total traded volume [MWh]: **10,767.700** Average traded volume [MWh/h]: **14.473** Value [EUR]: **238,483.40**

Centralized Market for Bilateral Contracts - May 2016

Extended Auctions Mechanism – CMBC - EA

Number of registered participants on CMBC-EA: 349

Bilateral Contracts Traded in May:

- Number of Traded Offers: 41
- Traded electricity volume [MWh]: 2,041,176
- Average price (weighted mean) [EUR/MWh]: 35.38
- Value [mil. EUR]: 72.21

Bilateral Contracts with Delivery in May:

- Number: 373
- Electricity Volume [MWh]: 1,749,497.144
- Market Share out of the estimated consumption [%]: 42.09
- Average price (weighted mean) [EUR/MWh]: 35.71
- Value [mil. EUR]: 62.48

Continuous Negotiation mechanism

Number of registered participants on CMBC-CN: 158

Standard Contracts traded in May:

- Number of forward contracts: 758
- Traded electricity volume [MWh]: 445,255
- Average price (weighted mean) [EUR/MWh]: 35.66
- Value [mil. EUR]: 15.88

Standard Contracts with Delivery in May:

- Number of forward contracts: 1,701
- Electricity Volume [MWh]: 594,832
- Market Share out of the estimated consumption [%]: 14.31
- Average price (weighted mean) [EUR/MWh]: 30.58
- Value [mil. EUR]: 18.19

Centralized Market with double continuous negotiation for Electricity Bilateral Contracts - May 2016

Number of registered participants on CM-OTC: 92

Bilateral Contracts Traded in May:

- Number of market participants with concluded trades [participants/month]: 49
- Average price (weighted mean) [EUR/MWh]: 33.69
- Total traded volume [MWh]: 2,481,729
- Value [mil. EUR]: 83.62

Bilateral Contracts with Delivery in May:

- Number of market participants with concluded trades [participants/month]: 59
- Average price (weighted mean) [EUR/MWh]: 32.28
- Total traded volume [MWh]: 2,297,488
- Market Share out of the estimated consumption [%]: 55.28
- Value [mil. EUR]: 74.16

Centralized Market for Universal Service – May 2016

Number of registered participants on CMUS: **35** Contracts with Delivery in May:

- Number of traded contracts: 881
- Electricity Volume [MWh]: 596,440
- Average price (weighted mean) [EUR/MWh]: 29.88
- Value [mil. EUR]: 17.82

Green Certificates Market - May 2016

Number of registered participants on Green Certificates Market: 875

Centralized Market for Green Certificates

Green Certificates traded in May:

- Number: 344
- Average price (weighted mean)* [EUR/certificate]: 29.40
- Number of active market participants: 63

Green Certificates Bilateral Contracts Market

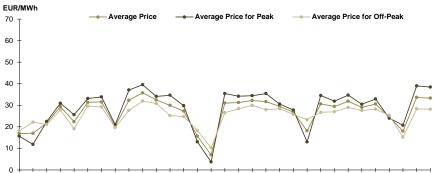
Green Certificates traded in May:

- Number: 1,069,295
- Average price (weighted mean)* [EUR/certificate]: 29.40
- Number of active market participants: 151

* For the month in which the weighted average price value by rounding the hundredth order is situated outside the traded limit values approved by ANRE, it will be applied the rounding down or up to the hundredth order taking into account the framing sense of the admissible limits.

For more information about the Power Market results of May 2016 the reader is referred to OPCOM website: www.opcom.ro

| Day Ahead Market Prices (EUR/MWh) May 2016 | | | | | May 2016 |
|--|----------|-------------|-----------------|----------------------|----------|
| Base (1-24) | Р | Peak (9-20) | | Off-Peak (1-8 & 21-2 | 24) |
| 26.87 | -7.16% 2 | 28.52 | • -6.14% | 25.21 | -8.30% |



| Day Ahead Market | | | May 2016 |
|------------------------------|-----------------------------|---------------------------------------|-----------------------|
| Traded Volume [MWh] | | Market Share [%] | |
| 2,032,341 | ▼ -2.47% | 48.90 | |
| Centralized Market fo | r Electricity Bilateral Con | tracts (CMBC-EA and CMBC-CN) | May 2016 |
| Delivery Volume [MWh] | | Market Share [%] | |
| 2,344,329 | ▲ +0.16% | 56.41 | |
| Centralized Market wi | ith double continuous neg | gotiation for Electricity Bilateral C | Contracts May 2016 |
| Delivery Volume [MWh] | | Market Share [%] | |
| 2,297,488 | ▲ +10.63% | 55.28% | |
| MWh 1000,000 | 1.1 | | |
| 000,000 | | | |

Figure 2: Monthly development for DAM transactions and deliveries according to contracts concluded on centralized market for bilateral contracts

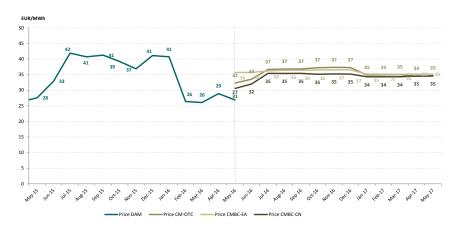


Figure 3: Monthly development for DAM average price and average price for deliveries according to concluded bilateral contracts



Figure 4: Monthly development for price and number of traded green certificates traded on CMGC

| Green Certificates Bilateral Contract | ts Market | | May 2016 |
|---------------------------------------|-----------------|--------------------------|----------|
| Number of Green Certificates | | Price* [EUR/certificate] | |
| 1,069,295 | - 14.96% | 29.40 | - 0.00% |

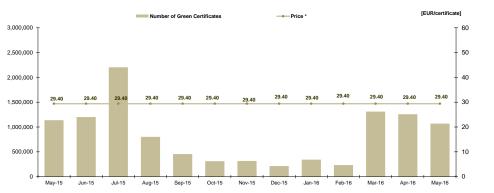


Figure 5: Monthly development for price and number of traded green certificates traded on GCBCM

*The price in Romanian currency was converted to EUR using the average exchange rate for the last month of the previous year published by National Bank of Romania (NBR). This reference exchange rate respects the provisions of the Law 220/27.10.2008, with further amendments and additions.

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