



Power Exchange

Providing Day-Ahead and Intraday Trading Services for the Single Electricity Market

Market Summary 2019



42 TWh

traded



€2.2b

traded



€50.26

average DAM price



51

members

SEMOPx, a joint venture between SONI Ltd and EirGrid plc, provides day-ahead and intraday wholesale electricity trading for Ireland and Northern Ireland as part of the Single Electricity Market (SEM). This allows our members to buy and sell electricity from local and European providers, at agreed prices, ahead of delivery. SEMOPx assists members in achieving their electricity trading objectives by providing a specialised trading platform, operated by an experienced 24/7 operations team, complemented by a local support team with extensive electricity market expertise.

Summary

- €2.2bn of electricity was traded in the ex-ante markets: Day-Ahead Market (DAM), Intraday Auctions (IDA1, IDA2, IDA3) and Intraday Continuous (IDC)
- Volume traded in the DAM reached 39.2 TWh
- Volumes traded in the three IDAs and IDC reached 2.6 TWh
- The daily average traded volume was 107,347 MWh in DAM and 5,788 MWh in the three IDAs

Prices per Market (2019)

| | DAM | IDA 1 | IDA 2 | IDA 3 | IDC |
|---------------------------------------|--------|--------|--------|--------|--------|
| Average price (€/MWh) | 50.26 | 49.64 | 56.54 | 61.49 | 56.00 |
| Highest traded price (€/MWh) | 365.04 | 363.00 | 382.60 | 401.00 | 365.05 |
| Lowest traded price (€/MWh) | -11.86 | -34.25 | -29.50 | -37.70 | -50.00 |
| Highest average monthly price (€/MWh) | 79.07 | 78.18 | 94.29 | 106.25 | 84.80 |
| Highest average daily price (€/MWh) | 121.41 | 115.51 | 158.89 | 191.30 | 141.55 |

Volumes per Market (2019)

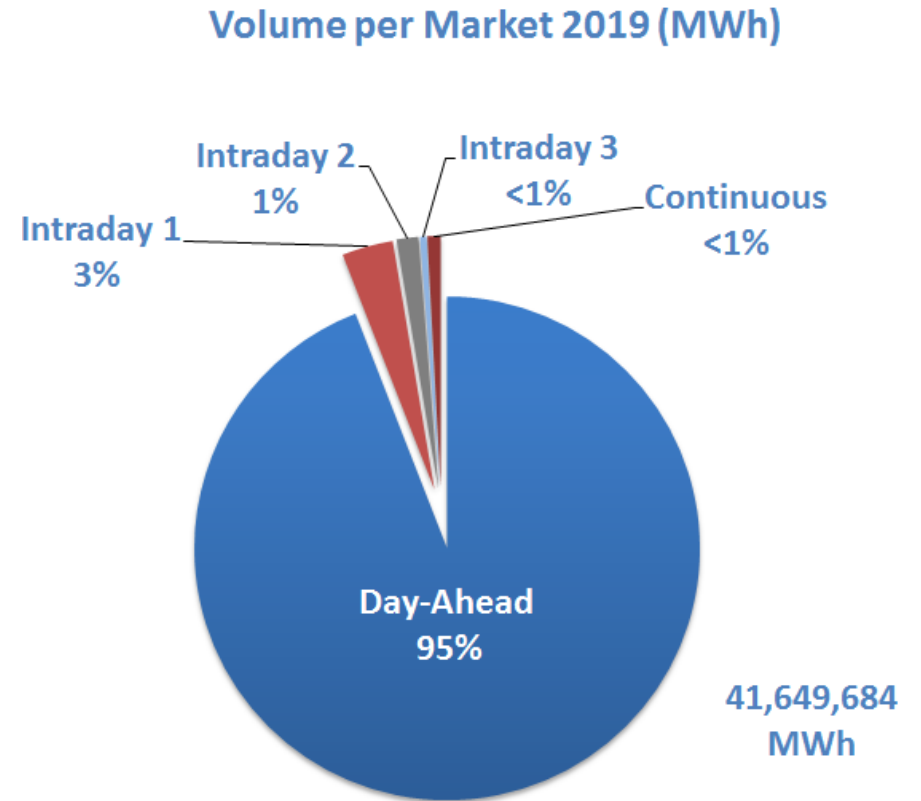
| | DAM | IDA 1 | IDA 2 | IDA 3 | IDC |
|-------------------------------------|------------|-----------|---------|---------|---------|
| Total traded volume (MWh) | 39,181,635 | 1,362,723 | 576,947 | 173,213 | 355,166 |
| Average daily traded volume (MWh) | 107,347 | 3,733 | 1,581 | 475 | 978 |
| Highest daily traded volume (MWh) | 132,578 | 15,694 | 6,072 | 3,085 | 16,475 |
| Lowest daily traded volume (MWh) | 84,192 | 1,222 | 291 | 66 | 1 |
| Highest monthly traded volume (MWh) | 3,617,993 | 163,003 | 62,253 | 18,273 | 42,918 |
| Lowest monthly traded volume (MWh) | 2,994,202 | 80,756 | 35,755 | 11,679 | 19,482 |

Weekdays (2019)

| | DAM | IDA 1 | IDA 2 | IDA 3 | IDC |
|-----------------------------------|------------|-----------|---------|---------|---------|
| Total traded volume (MWh) | 39,181,635 | 1,362,723 | 576,947 | 173,213 | 355,166 |
| Average price (€/MWh) | 52.11 | 51.73 | 58.77 | 63.04 | 58.10 |
| Average daily traded volume (MWh) | 110,117 | 3,839 | 1,648 | 517 | 40 |

Weekends (2019)

| | DAM | IDA 1 | IDA 2 | IDA 3 | IDC |
|-----------------------------------|---------|-------|-------|-------|-------|
| Average price (€/MWh) | 45.60 | 44.37 | 50.92 | 57.59 | 49.40 |
| Average daily traded volume (MWh) | 100,394 | 3,506 | 1,429 | 372 | 35 |

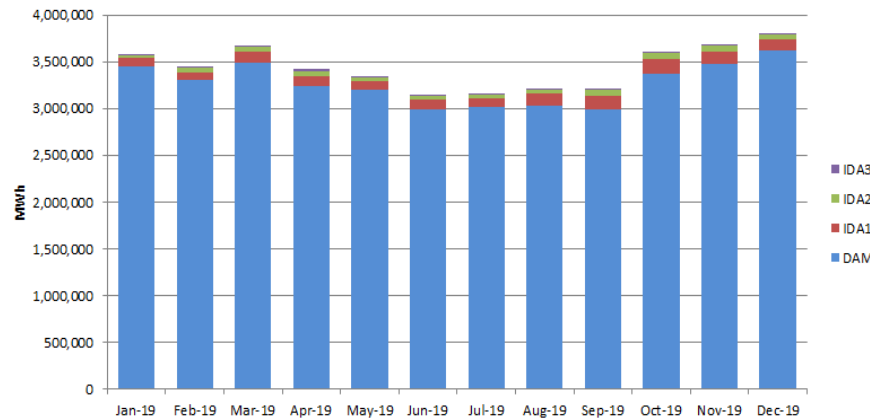


The Day-Ahead Market (DAM): a single pan-European energy trading platform in the ex-ante time frame for scheduling bids and offers and interconnector flows across participating regions and power exchanges within Europe.

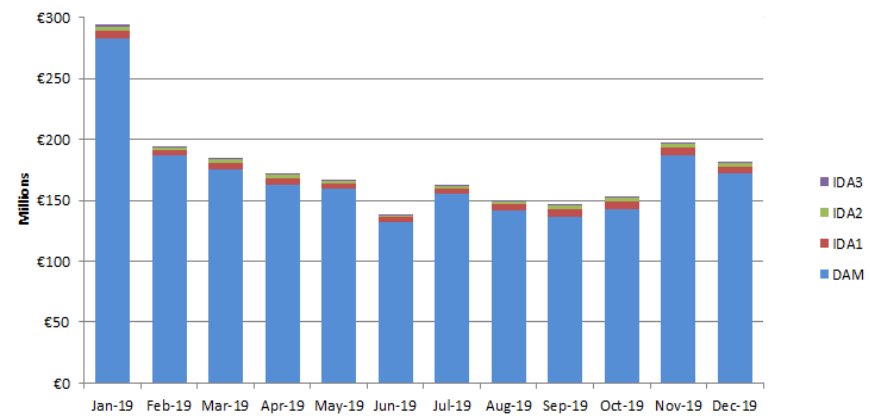
Intraday 1, 2 & 3 (IDA): a market consisting of three daily auctions that allows members to adjust their physical positions closer to real time. For the first Intraday Auction (IDA1) and second Intraday Auction (IDA2) the SEM is coupled with the GB bidding area via Moyle and EWIC interconnectors. The third Intraday Auction (IDA3) is a local SEM-only auction which is not coupled with the GB bidding area.

Intraday Continuous Market (IDC): a local continuous price matching market, allowing members an additional route to market and to adjust their physical positions closer to real time.

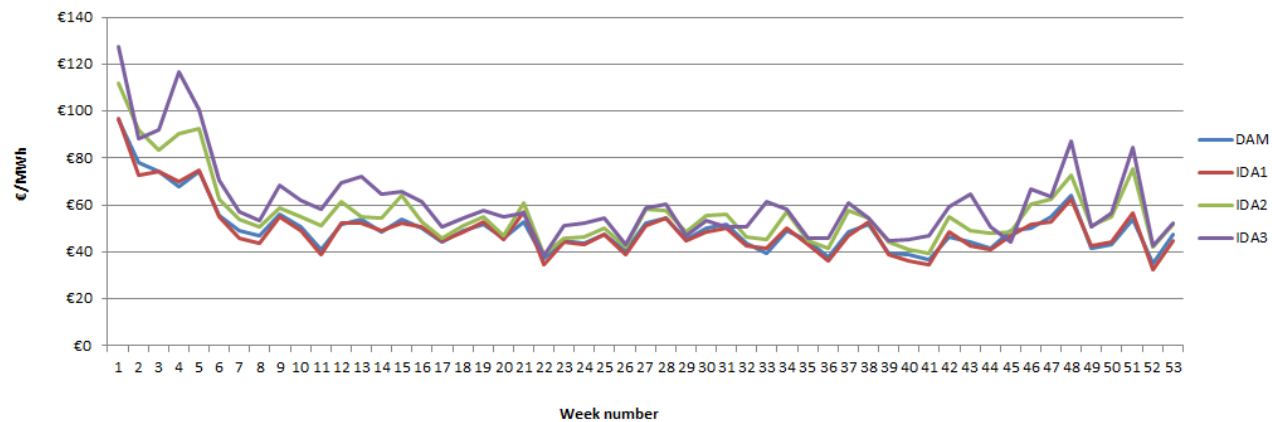
Market Volume per Month 2019



Market Value per Month 2019



Weekly Prices per Market (€/MWh)



| SEMOpX Members | | |
|-----------------------------------|---|-----------------------------------|
| Founding Members | ELECTROROUTE POWER ACCESS LTD | NATURGY LTD |
| EP BALLYLUMFORD LTD | EROVA ENERGY LTD | ENERGIA CUSTOMER SOLUTIONS LTD |
| EP KILROOT POWER LTD | EUROPEAN COMMODITY CLEARING LUXEMBOURG S.AR.L | ENERGIA CUSTOMER SOLUTIONS NI LTD |
| AUGHINISH ALUMINA LTD | FLOGAS NATURAL GAS LTD | WFSO LTD |
| AXPO TRADING AG | INDAVER ENERGY LTD | Additional Members 2018 |
| BORD GAIS ENERGY LTD | LCC POWER LTD | NORDIC ENERGY HOUSE APS |
| BROOKFIELD RENEWABLE SUPPLY 2 LTD | LIGHTFIELD LTD | POWERMART APS |
| BUDGET ENERGY LTD NI | MFT ENERGY A/S | IN COMMODITIES A/S |
| BUDGET ENERGY LTD ROI | CENTRICA ENERGY TRADING A/S | Additional Members 2019 |
| CAPTURED CARBON LTD | PANDA POWER LTD | ENERGI DANMARK A/S |
| CENERGISE LIMITED | POWER NI ENERGY LTD | BALLINCURRY ENERGY SUPPLY LTD |
| CENERGISE TRADING LTD | PREPAYPOWER LTD | CONVEX ENERGY GMBH |
| CONTOURGLOBAL SOLUTIONS (NI) LTD | SLIABH BAWN SUPPLY DAC | EDTC LTD |
| DANSKE COMMODITIES A/S | SLIEVEREAGH POWER (CS) LTD | IBERDROLA GENERACIÓN ESPANA S.A.U |
| DUBLIN WASTE TO ENERGY SUPPLY LTD | SSE ENERGY SUPPLY LTD | NEXT KRAFTWERKE GMBH |
| EDENDERRY POWER OPERATIONS LTD | STATKRAFT MARKETS GMBH | ALPHATARAXIA EUROPIUM B.V |
| ELECTRICITY SUPPLY BOARD | TRAILSTONE GMBH | WFST LIMITED |
| ELECTROROUTE ENERGY TRADING LTD | TYNAGH ENERGY LTD | GREENSPARK ANALYTICS LTD |

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Download the full dataset at: https://www.semopx.com/documents/general-publications/lookback_mkt.xlsx