UK Phase III Auction Platform Report

Report number: 44
Period covered: 1 - 31 August 2017

Introduction

1 This report contains information on auctions held on the UK’s Phase III European Union Emissions Trading System (EU ETS) Auction Platform. Auctions are held according to the published [1] auction calendar.


3 The report is based on post-auction data provided by ICE Futures Europe under the Auctioning Regulation [5]. This data [6] is available on the ICE Futures Europe website.

Section 1: Auction results

Description of auctions concerned

4 This report covers the Phase III European Union Allowance (EUA) auctions held this period. There were no aviation auctions held during this period. The results of the auctions are in the tables below, which also includes the ICE EUA and EUAA futures prices [7] for the next December expiry at close the day of each auction.

<table>
<thead>
<tr>
<th>Date</th>
<th>Volume auctioned (EUA)</th>
<th>Volume sold</th>
<th>Clearing price</th>
<th>Volume bid for</th>
<th>Bidders</th>
<th>Successful bidders</th>
<th>Cover ratio</th>
<th>Revenue</th>
<th>Futures Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/08/2017</td>
<td>2,136,000</td>
<td>2,136,000</td>
<td>€ 5.33</td>
<td>8,988,000</td>
<td>15</td>
<td>8</td>
<td>4.21</td>
<td>€ 11,384,880</td>
<td>€ 5.37</td>
</tr>
<tr>
<td>23/08/2017</td>
<td>2,136,000</td>
<td>2,136,000</td>
<td>€ 5.80</td>
<td>5,890,000</td>
<td>10</td>
<td>7</td>
<td>2.76</td>
<td>€ 12,388,800</td>
<td>€ 5.95</td>
</tr>
</tbody>
</table>
EUA auction results from completed calendar year quarters are summarised below.

<table>
<thead>
<tr>
<th>Period</th>
<th>Total volume auctioned</th>
<th>Total volume sold</th>
<th>Clearing price*</th>
<th>Total volume bid for</th>
<th>Bidders*</th>
<th>Successful bidders*</th>
<th>Cover ratio*</th>
<th>Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q4 ’12</td>
<td>12,258,000</td>
<td>12,258,000</td>
<td>€ 6.18</td>
<td>31,123,000</td>
<td>15</td>
<td>11</td>
<td>2.54</td>
<td>€ 75,735,440</td>
</tr>
<tr>
<td>Q1 ’13</td>
<td>24,804,000</td>
<td>24,804,000</td>
<td>€ 4.44</td>
<td>55,373,000</td>
<td>16</td>
<td>10</td>
<td>2.23</td>
<td>€ 110,005,740</td>
</tr>
<tr>
<td>Q2 ’13</td>
<td>24,804,000</td>
<td>24,804,000</td>
<td>€ 3.82</td>
<td>54,095,500</td>
<td>15</td>
<td>11</td>
<td>2.17</td>
<td>€ 94,792,620</td>
</tr>
<tr>
<td>Q3 ’13</td>
<td>24,820,000</td>
<td>24,820,000</td>
<td>€ 4.90</td>
<td>72,904,500</td>
<td>14</td>
<td>11</td>
<td>2.33</td>
<td>€ 110,283,000</td>
</tr>
<tr>
<td>Q4 ’13</td>
<td>20,670,000</td>
<td>20,670,000</td>
<td>€ 4.57</td>
<td>57,739,500</td>
<td>17</td>
<td>12</td>
<td>2.79</td>
<td>€ 89,544,580</td>
</tr>
<tr>
<td>Q1 ’14</td>
<td>23,550,000</td>
<td>23,550,000</td>
<td>€ 5.86</td>
<td>62,577,000</td>
<td>17</td>
<td>13</td>
<td>2.66</td>
<td>€ 137,993,800</td>
</tr>
<tr>
<td>Q2 ’14</td>
<td>15,090,000</td>
<td>15,090,000</td>
<td>€ 5.28</td>
<td>37,865,000</td>
<td>14</td>
<td>12</td>
<td>2.51</td>
<td>€ 79,650,000</td>
</tr>
<tr>
<td>Q3 ’14</td>
<td>15,005,000</td>
<td>15,005,000</td>
<td>€ 5.94</td>
<td>44,073,000</td>
<td>14</td>
<td>11</td>
<td>2.94</td>
<td>€ 89,200,300</td>
</tr>
<tr>
<td>Q4 ’14</td>
<td>12,575,000</td>
<td>12,575,000</td>
<td>€ 6.41</td>
<td>31,714,150</td>
<td>14</td>
<td>10</td>
<td>2.52</td>
<td>€ 80,580,600</td>
</tr>
<tr>
<td>Q1 ’15</td>
<td>18,738,000</td>
<td>18,738,000</td>
<td>€ 6.93</td>
<td>45,158,580</td>
<td>15</td>
<td>14</td>
<td>2.41</td>
<td>€ 129,885,570</td>
</tr>
<tr>
<td>Q2 ’15</td>
<td>21,861,000</td>
<td>21,861,000</td>
<td>€ 7.22</td>
<td>44,877,510</td>
<td>14</td>
<td>12</td>
<td>2.05</td>
<td>€ 157,930,110</td>
</tr>
<tr>
<td>Q3 ’15</td>
<td>18,744,000</td>
<td>18,744,000</td>
<td>€ 7.91</td>
<td>50,750,805</td>
<td>14</td>
<td>11</td>
<td>2.71</td>
<td>€ 148,328,400</td>
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<tr>
<td>Q4 ’15</td>
<td>15,615,000</td>
<td>15,615,000</td>
<td>€ 8.43</td>
<td>28,981,440</td>
<td>15</td>
<td>12</td>
<td>1.86</td>
<td>€ 131,571,990</td>
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<tr>
<td>Q1 ’16</td>
<td>20,937,000</td>
<td>20,937,000</td>
<td>€ 5.38</td>
<td>32,626,825</td>
<td>16</td>
<td>13</td>
<td>1.56</td>
<td>€ 112,571,270</td>
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<tr>
<td>Q2 ’16</td>
<td>24,426,500</td>
<td>24,426,500</td>
<td>€ 5.53</td>
<td>44,491,125</td>
<td>14</td>
<td>11</td>
<td>1.82</td>
<td>€ 135,078,545</td>
</tr>
<tr>
<td>Q3 ’16</td>
<td>17,447,000</td>
<td>17,447,000</td>
<td>€ 4.37</td>
<td>41,401,295</td>
<td>14</td>
<td>9</td>
<td>2.37</td>
<td>€ 76,330,445</td>
</tr>
<tr>
<td>Q4 ’16</td>
<td>20,937,000</td>
<td>17,447,500</td>
<td>€ 4.52</td>
<td>40,582,885</td>
<td>14</td>
<td>10</td>
<td>1.94</td>
<td>€ 55,622,630</td>
</tr>
<tr>
<td>Q1 ’17</td>
<td>29,106,500</td>
<td>29,106,500</td>
<td>€ 5.10</td>
<td>59,788,705</td>
<td>15</td>
<td>11</td>
<td>2.05</td>
<td>€ 148,341,315</td>
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<tr>
<td>Q2 ’17</td>
<td>29,886,500</td>
<td>29,886,500</td>
<td>€ 4.78</td>
<td>59,730,305</td>
<td>16</td>
<td>12</td>
<td>2.00</td>
<td>€ 142,814,775</td>
</tr>
</tbody>
</table>

* weighted average

EUA auction clearing price formation

The graph below shows the clearing price over time for the auctions held in this reporting period. Each of the auctions took place successfully and the clearing price rose by €0.47 between the auctions. The volume weighted average price per allowance was:

€ 5.57
EUA auction clearing price formation

The graph below shows the clearing price compared to the ICE EUA futures price for the next December expiry at close the day of each auction. The graph shows that the auction clearing price was below the futures price for both auctions. In this reporting period, the volume weighted average price differential was:

€ 0.10

EUA cover ratio

The graph below shows the cover ratio (allowances bid for divided by allowances auctioned) for the auctions held in this reporting period. Both cover ratios are very high for 2017 and the 9 August cover ratio is the highest on record for this year. The August auctions were set at half volumes in anticipation of decreased trading activity over the summer holiday period. The high cover ratios are therefore because more allowances were bid for than we would have expected, especially for the 9 August auction. Across this auctioning reporting period:

14.878m allowances were bid for (rounded), and
3.49 was the volume weighted average cover ratio.
Number of bidders and successful bidders for EUA auctions

The graph below shows the number of bidders and number of successful bidders for the auctions held this reporting period. There were no auctions where all participating bidders were successful. The first auction in this period sees a large discrepancy between number of bidders and number of successful bidders because auction volumes were halved to anticipate decreased trader activity over the summer holiday period. Across the period:

9 was the average number of bidders per auction, and
8 was the average number of successful bidders per auction.

The graph below shows the average number of allowances bid for by each bidder and the average number of allowances awarded to each successful bidder for the successful auctions held this reporting period. Across the period:

589,000 to 599,200 was the range of allowances bid for on average, and
267,000 to 305,143 was the range of allowances awarded on average.
Section 2: Implementation and compliance with the applicable rules

Fair and open access

11 ICE Futures Europe provides full details of the admissions process [8] on its website as required by the Auctioning Regulation. There were no irregularities or deviations from the admission and access requirements.

Transparency

12 ICE Futures Europe provides full details of the auction results [9] on its website as required by the Auctioning Regulation. This information includes details of how the clearing price is determined (subject to the confidentiality obligations under the Auctioning Regulation), how all participants have access to the same information at the same time and the EUA and EUAA contract specifications.

13 The ICE group operates a Recognised Investment Exchange, Recognised Clearing House and Recognised Auction Platform [10] supervised by the Financial Conduct Authority (FCA) and Bank of England, as applicable.

14 Monitoring by ICE Futures Europe in real-time of behaviour during the auction includes:
   • monitoring of trading activity in ICE Futures Europe’s markets to ensure that a fair and orderly market is maintained;
   • identifying bids which are out of line with permitted bid ranges;
   • identifying any unusual bidding behaviour;
   • calculation and publication of settlement prices; and
   • announcing and notifying auction results.

15 ICE Futures Europe’s Complaints Resolution Procedures [11] were in place during the reporting period.

16 There were no incidents of abusive behaviour publicly reported during the reporting period.

Technical and operational aspects

17 No irregularities or deviations from the requirements occurred regarding the auctions or the clearing and settlement processes.

Conclusion

Comments by the auction platform

18 No comments by the auction platform this reporting period.
Description of how comments have been taken into account

19 Not applicable this reporting period.

This report is based only on publicly available information on the auctions.
Use of the information provided in this report is solely at the user’s risk.
For more information please contact: euetsauctionplatform@beis.gov.uk