

## Ancillary Services Report 2016/2017



| System Services Payment (€)         |         |           |           |           |        |        |        |        |        |        |        |        |           |
|-------------------------------------|---------|-----------|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|
|                                     | Oct-16  | Nov-16    | Dec-16    | Jan-17    | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total     |
| Primary Operating Reserve           | 914,579 | 924,952   | 805,514   | 878,492   |        |        |        |        |        |        |        |        | 3,523,536 |
| Secondary Operating Reserve         | 779,487 | 802,801   | 727,890   | 755,795   |        |        |        |        |        |        |        |        | 3,065,973 |
| Tertiary Operating Reserve 1        | 700,044 | 744,568   | 717,537   | 717,268   |        |        |        |        |        |        |        |        | 2,879,416 |
| Tertiary Operating Reserve 2        | 632,339 | 669,326   | 652,125   | 688,974   |        |        |        |        |        |        |        |        | 2,642,764 |
| Replacement Reserve                 | 551,268 | 546,036   | 553,129   | 556,082   |        |        |        |        |        |        |        |        | 2,206,514 |
| Synchronous Interial Response       | 455,720 | 501,749   | 436,304   | 438,499   |        |        |        |        |        |        |        |        | 1,832,271 |
| Dynamic Reactive Response           | -       | -         | -         | -         |        |        |        |        |        |        |        |        | -         |
| Fast Frequency Response             | -       | -         | -         | -         |        |        |        |        |        |        |        |        | -         |
| Fast Post-Fault Active Power Recove | -       | -         | -         | -         |        |        |        |        |        |        |        |        | -         |
| Ramping Margin 1 Hour               | 177,813 | 182,934   | 167,808   | 169,584   |        |        |        |        |        |        |        |        | 698,139   |
| Ramping Margin 3 Hour               | 286,141 | 299,455   | 292,624   | 282,506   |        |        |        |        |        |        |        |        | 1,160,726 |
| Ramping Margin 8 Hour               | 250,471 | 283,701   | 308,896   | 287,451   |        |        |        |        |        |        |        |        | 1,130,518 |
| Steady State Reactive Power         | 927,405 | 1,066,751 | 1,097,334 | 1,158,535 |        |        |        |        |        |        |        |        | 4,250,025 |
| Other AS (€)                        |         |           |           |           |        |        |        |        |        |        |        |        |           |
|                                     | Oct-16  | Nov-16    | Dec-16    | Jan-17    | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total     |
| Synchronous Compensation            | -       | -         | -         | -         |        |        |        |        |        |        |        |        | -         |
| RoCoF                               | -       | 782,250   | 542,906   | 95,906    |        |        |        |        |        |        |        |        | 1,421,063 |

## Notes:

This report contains a monthly breakdown of the Ancillary Services for the 2016/2017 tariff year. Note that these outturn figures are settlement figures. The outturn in £ GBP will be converted to € EUR using the approved 2016/2017 exchange rate of €1/£0.8450. This report will be updated each month once settlement has been issued.

Latest Settlement Month: Jan-17

Dated: 07/03/2017



## Other System Charges Monthly Report 2016/2017



| Trip Statistics and Charges (€)             |         |         |         |         |        |        |        |        |        |        |        |        |           |
|---|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|
|   | Oct-16  | Nov-16  | Dec-16  | Jan-17  | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total     |
| Direct Trips [Number]                       | 3       | 4       | 1       | 1       |        |        |        |        |        |        |        |        | 9         |
| Fast Wind down [Number]                     | 1       | 0       | 0       | 0       |        |        |        |        |        |        |        |        | 1         |
| Slow Wind down [Number]                     | 3       | 1       | 0       | 0       |        |        |        |        |        |        |        |        | 4         |
| Trip Charges                                | 45,634  | 66,230  | 12,535  | 4,714   |        |        |        |        |        |        |        |        | 129,112   |
| Short Notice Declaration Charges (€)        |         |         |         |         |        |        |        |        |        |        |        |        |           |
|   | Oct-16  | Nov-16  | Dec-16  | Jan-17  | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total     |
| Short Notice Declarations                   | 491,849 | 508,425 | 464,020 | 309,810 |        |        |        |        |        |        |        |        | 1,774,104 |
| Generator Performance Incentive Charges (€) |         |         |         |         |        |        |        |        |        |        |        |        |           |
|   | Oct-16  | Nov-16  | Dec-16  | Jan-17  | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total     |
| GPI Reserve                                 | 19,909  | 22,055  | 22,452  | 20,776  |        |        |        |        |        |        |        |        | 85,193    |
| <b>GPI Reactive Power</b>                   | 9,210   | 28,014  | 13,933  | 9,364   |        |        |        |        |        |        |        |        | 60,521    |
| GPI RoCoF                                   | 90,578  | 87,656  | 217,250 | 213,675 |        |        |        |        |        |        |        |        | 609,160   |
| GPI Min On Time                             | -       | -       | -       | -       |        |        |        |        |        |        |        |        | -         |
| GPI Max Starts in 24 hours                  | -       | -       | -       | -       |        |        |        |        |        |        |        |        | -         |
| GPI Minimum Generation                      | 68,528  | 74,640  | 73,964  | 72,959  |        |        |        |        |        |        |        |        | 290,091   |
| GPI Governor Droop                          | -       | -       | -       | -       |        |        |        |        |        |        |        |        | -         |
| GPI Loading                                 | 1,923   | 1,706   | 5,465   | 431     |        |        |        |        |        |        |        |        | 9,525     |
| GPI De-Loading                              | 1,165   | 1,401   | 106     | 46      |        |        |        |        |        |        |        |        | 2,719     |
| <b>GPI Early Synchronisation</b>            | 47      | 2       | 100     | -       |        |        |        |        |        |        |        |        | 149       |
| GPI Late Synchronisation                    | 4,935   | 18,742  | 21,731  | 8,096   |        |        |        |        |        |        |        |        | 53,504    |

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Further information on the terms used in this report can be found at www.eirgrid.com or www.soni.ltd.uk. If you have any questions on this report please contact info@eirgrid.com.

Latest Settlement Month: Jan-17
Dated: 07/03/2017

Page 2 of 2