

# Ancillary Services Prices, Day Ahead Market

10/21/2011

| Time Stamp | East 10 Minute<br>Spinning<br>Reserve<br>(\$/MWhr) | East 10 Minute<br>Non-<br>Synchronous<br>Reserve<br>(\$/MWhr) | East 30 Minute<br>Operating<br>Reserve<br>(\$/MWhr) | East<br>Regulation<br>(\$/MWhr) | West 10<br>Minute<br>Spinning<br>Reserve<br>(\$/MWhr) | West 10<br>Minute Non-<br>Synchronous<br>Reserve<br>(\$/MWhr) | West 30<br>Minute<br>Operating<br>Reserve<br>(\$/MWhr) | West<br>Regulation<br>(\$/MWhr) |
|------------|--|---|---|---------------------------------|---|---|--|---------------------------------|
| 00:00      | 3.39   | 3.39  | 0.03  | 5.5                             | 0.03  | 0.03  | 0.03   | 5.5                             |
| 01:00      | 0.94   | 0.94  | 0.03  | 5.5                             | 0.03  | 0.03  | 0.03   | 5.5                             |
| 02:00      | 0.2  | 0.2   | 0.03  | 5.5                             | 0.03  | 0.03  | 0.03   | 5.5                             |
| 03:00      | 0.2  | 0.2   | 0.03  | 6                               | 0.03  | 0.03  | 0.03   | 6                               |
| 04:00      | 0.2  | 0.2   | 0.03  | 6.9                             | 0.03  | 0.03  | 0.03   | 6.9                             |
| 05:00      | 1.65   | 1.65  | 0.03  | 6.9                             | 0.03  | 0.03  | 0.03   | 6.9                             |
| 06:00      | 7.21   | 6.99  | 0.03  | 7.21                            | 0.25  | 0.03  | 0.03   | 7.21                            |
| 07:00      | 5.04   | 5.04  | 0.25  | 7                               | 0.25  | 0.25  | 0.25   | 7                               |
| 08:00      | 6.99   | 6.99  | 0.25  | 7                               | 0.25  | 0.25  | 0.25   | 7                               |
| 09:00      | 12.28  | 6.99  | 0.25  | 7                               | 5.54  | 0.25  | 0.25   | 7                               |
| 10:00      | 13.75  | 6.99  | 0.24  | 7                               | 7   | 0.24  | 0.24   | 7                               |
| 11:00      | 13.75  | 6.99  | 0.24  | 8.25                            | 7   | 0.24  | 0.24   | 8.25                            |
| 12:00      | 13.75  | 6.99  | 0.24  | 8.25                            | 7   | 0.24  | 0.24   | 8.25                            |
| 13:00      | 13.75  | 6.99  | 0.24  | 8.25                            | 7   | 0.24  | 0.24   | 8.25                            |
| 14:00      | 13.74  | 6.99  | 0.25  | 8.25                            | 7   | 0.25  | 0.25   | 8.25                            |
| 15:00      | 11.86  | 6.99  | 0.24  | 8.25                            | 5.11  | 0.24  | 0.24   | 8.25                            |
| 16:00      | 11.42  | 6.99  | 0.24  | 8.25                            | 4.67  | 0.24  | 0.24   | 8.25                            |
| 17:00      | 11.68  | 6.99  | 0.24  | 8.25                            | 4.93  | 0.24  | 0.24   | 8.25                            |
| 18:00      | 13.75  | 6.99  | 0.24  | 9                               | 7   | 0.24  | 0.24   | 9                               |

|       |       |      |      |     |      |      |      |     |
|-------|-------|------|------|-----|------|------|------|-----|
| 19:00 | 13.74 | 6.99 | 0.25 | 9   | 7    | 0.25 | 0.25 | 9   |
| 20:00 | 12.1  | 6.99 | 0.25 | 9   | 5.36 | 0.25 | 0.25 | 9   |
| 21:00 | 8.89  | 6.99 | 0.1  | 7   | 2    | 0.1  | 0.1  | 7   |
| 22:00 | 8.89  | 6.99 | 0.1  | 5.5 | 2    | 0.1  | 0.1  | 5.5 |
| 23:00 | 7.21  | 6.99 | 0.03 | 5.5 | 0.25 | 0.03 | 0.03 | 5.5 |