

Date: 26/07/2019

Settlement Day:24/02/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:02

Internal Scheme Code:17/18

Internal Scheme Name:2017/2018

Internal Scheme Day: 330

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|----------------|-----------------|
| System Operator Balancing Mechanism Costs | -697,153.400 | +25,188,922.670 |
| Balancing Services Contract Cost | +884,827.330 | +27,043,694.580 |
| Balancing Services Cost Variable | +427,021.240 | +11,409,163.810 |
| ESO Incentive Recovery Costs | +18,218.300 | +182,183.000 |
| Black Start Capital Costs | +0.000 | +0.000 |
| Black Start Testing Costs | +0.000 | +0.000 |
| Black Start Availability Costs | +157,348.710 | +1,573,487.100 |
| Black Start Other Costs | +0.000 | +0.000 |
| System Operator Internal Costs | +450,251.830 | +13,957,806.730 |
| System Innovation Costs | +2,835.620 | +87,904.220 |
| Prior Year Cost Recovery | +0.000 | +0.000 |
| EMR Incentive Revenue | +0.000 | +0.000 |
| Placeholder Column2 30 Charact | +0.000 | +0.000 |
| Placeholder Column3 30 Charact | +0.000 | +0.000 |
| Wind Forecast Incentive | -723.560 | -22,430.360 |
| Provision Of Balancing Services to Others | +0.000 | +0.000 |
| Total Internal Costs | +450,251.830 | +13,957,806.730 |
| Total External Costs | +792,374.240 | +65,462,925.020 |
| Total Adjusted Energy Volume (MWh) | +1,425,196.888 | |

Date: 26/07/2019

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BALANCING SERVICES USE OF SYSTEM CHARGE - DAILY SETTLEMENT PERIOD COMPONENTS

| Settlement Period | Period total Energy Volume(MWh) | Total Period Balance use of System Charges | Balancing Services Price(£/MWh) |
|----------------------|------------------------------------|--|------------------------------------|
| 01 | +27,569.161 | +25,770.237 | +0.93475 |
| 02 | +28,004.496 | +40,608.885 | +1.45008 |
| 03 | +28,135.509 | +41,596.269 | +1.47843 |
| 04 | +27,395.741 | +40,670.699 | +1.48456 |
| 05 | +27,055.277 | +43,837.891 | +1.62031 |
| 06 | +26,887.527 | +41,158.714 | +1.53077 |
| 07 | +26,495.181 | +33,007.681 | +1.24580 |
| 08 | +26,005.142 | +22,419.818 | +0.86213 |
| 09 | +25,722.679 | +20,981.307 | +0.81567 |
| 10 | +25,488.305 | +19,100.200 | +0.74937 |
| 11 | +25,845.463 | +28,146.769 | +1.08904 |
| 12 | +25,983.303 | +37,825.475 | +1.45576 |
| 13 | +26,296.245 | +42,931.879 | +1.63262 |
| 14 | +26,919.966 | +31,721.457 | +1.17836 |
| 15 | +28,689.876 | +16,366.590 | +0.57047 |
| 16 | +29,551.643 | +22,717.835 | +0.76875 |
| 17 | +30,406.319 | +29,676.317 | +0.97599 |
| 18 | +31,178.363 | +21,996.122 | +0.70549 |
| 19 | +31,512.884 | +15,405.518 | +0.48886 |
| 20 | +30,982.197 | +2,058.850 | +0.06645 |
| 21 | +30,560.020 | +2,003.054 | +0.06554 |
| 22 | +29,807.508 | -4,055.179 | -0.13605 |
| 23 | +29,476.708 | +471.436 | +0.01599 |
| 24 | +29,012.027 | +5,159.916 | +0.17785 |
| 25 | +28,881.828 | +15,417.402 | +0.53381 |
| 26 | +28,408.676 | +17,164.239 | +0.60419 |
| 27 | +27,889.478 | +2,629.893 | +0.09430 |
| 28 | +27,578.816 | -1,420.531 | -0.05151 |
| 29 | +27,480.303 | -10,018.522 | -0.36457 |
| 30 | +27,716.285 | -5,106.606 | -0.18425 |
| 31 | +27,963.694 | -14,147.399 | -0.50592 |
| 32 | +28,997.651 | +11,249.284 | +0.38794 |
| 33 | +30,600.389 | +29,027.198 | +0.94859 |
| 34 | +32,687.471 | +45,709.097 | +1.39837 |
| 35 | +34,800.211 | +43,249.487 | +1.24279 |
| 36 | +36,986.089 | +58,740.445 | +1.58818 |
| 37 | +37,914.247 | +75,179.836 | +1.98289 |
| 38 | +37,819.814 | +65,863.047 | +1.74150 |
| 39 | +37,468.865 | +62,131.588 | +1.65822 |
| 40 | +36,196.739 | +49,909.299 | +1.37883 |
| 41 | +34,862.207 | +43,901.573 | +1.25929 |
| 42 | +33,486.475 | +31,737.974 | +0.94778 |

| | | | |
|----|-------------|-------------|----------|
| 43 | +32,034.521 | +32,653.485 | +1.01932 |
| 44 | +30,533.207 | +12,749.861 | +0.41757 |
| 45 | +29,599.794 | +30,765.510 | +1.03938 |
| 46 | +28,297.097 | +29,991.736 | +1.05989 |
| 47 | +26,413.757 | +33,944.331 | +1.28510 |
| 48 | +25,597.734 | +27,107.963 | +1.05900 |

Date: 26/07/2019

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NGESO Version Id:02

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

| Settlement Period | Total Adjustment Energy factor Volume | System Operator Balancing Mechanism | Balancing Services Contract Cost(£) | Balancing Services Cost Variable(£) | ESO Incentive Recovery Costs | Black Start Capital Costs |
|----------------------|--|--|---|--|---------------------------------|------------------------------|
| | | Costs(£) | | | | |
| 01 | +0.01934 | -14,018.87 | +17,112.561 | +10,002.500 | +352.342 | +0.000 |
| 02 | +0.01965 | +342.33 | +17,386.857 | +10,002.500 | +357.990 | +0.000 |
| 03 | +0.01974 | +1,191.10 | +17,466.491 | +10,002.500 | +359.629 | +0.000 |
| 04 | +0.01922 | +1,066.41 | +17,006.381 | +10,002.500 | +350.156 | +0.000 |
| 05 | +0.01898 | +4,603.24 | +16,794.023 | +10,002.500 | +345.783 | +0.000 |
| 06 | +0.01887 | +2,093.48 | +16,696.692 | +10,002.500 | +343.779 | +0.000 |
| 07 | +0.01859 | -5,626.31 | +16,448.940 | +10,002.500 | +338.678 | +0.000 |
| 08 | +0.01825 | -15,690.52 | +16,148.099 | +10,002.500 | +332.484 | +0.000 |
| 09 | +0.01805 | -16,821.00 | +15,971.133 | +10,002.500 | +328.840 | +0.000 |
| 10 | +0.01788 | -18,440.28 | +15,820.713 | +10,002.500 | +325.743 | +0.000 |
| 11 | +0.01813 | -9,778.75 | +16,041.919 | +10,002.500 | +330.298 | +0.000 |
| 12 | +0.01823 | -254.06 | +16,130.402 | +10,002.500 | +332.120 | +0.000 |
| 13 | +0.01845 | -7,427.91 | +16,325.064 | +21,943.920 | +336.128 | +0.000 |
| 14 | +0.01889 | -19,316.00 | +16,714.388 | +21,943.920 | +344.144 | +0.000 |
| 15 | +0.02013 | -26,578.16 | +17,811.574 | +11,941.420 | +366.734 | +0.000 |
| 16 | +0.02074 | -21,166.41 | +18,351.319 | +11,941.420 | +377.848 | +0.000 |
| 17 | +0.02133 | -15,116.62 | +18,873.367 | +11,941.420 | +388.596 | +0.000 |
| 18 | +0.02188 | -23,643.90 | +19,360.022 | +11,941.420 | +398.616 | +0.000 |
| 19 | +0.02211 | -30,588.74 | +19,563.532 | +11,941.420 | +402.807 | +0.000 |
| 20 | +0.02174 | -43,365.55 | +19,236.146 | +11,941.420 | +396.066 | +0.000 |
| 21 | +0.02144 | -42,959.30 | +18,970.698 | +11,941.420 | +390.600 | +0.000 |
| 22 | +0.02091 | -48,201.25 | +18,501.739 | +11,941.420 | +380.945 | +0.000 |
| 23 | +0.02068 | -43,320.40 | +18,298.229 | +11,941.420 | +376.754 | +0.000 |
| 24 | +0.02036 | -38,139.07 | +18,015.084 | +11,941.420 | +370.925 | +0.000 |
| 25 | +0.02027 | -27,742.97 | +17,935.450 | +11,941.420 | +369.285 | +0.000 |
| 26 | +0.01993 | -25,472.48 | +17,634.609 | +11,941.420 | +363.091 | +0.000 |
| 27 | +0.01957 | -27,510.95 | +17,316.071 | +0.000 | +356.532 | +0.000 |
| 28 | +0.01935 | -31,222.54 | +17,121.409 | +0.000 | +352.524 | +0.000 |
| 29 | +0.01928 | -39,712.72 | +17,059.471 | +0.000 | +351.249 | +0.000 |
| 30 | +0.01945 | -35,062.63 | +17,209.892 | +0.000 | +354.346 | +0.000 |
| 31 | +0.01962 | -44,365.25 | +17,360.312 | +0.000 | +357.443 | +0.000 |
| 32 | +0.02035 | -20,092.88 | +18,006.236 | +0.000 | +370.742 | +0.000 |
| 33 | +0.02147 | -4,039.94 | +18,997.243 | +0.000 | +391.147 | +0.000 |
| 34 | +0.02294 | -1,563.49 | +20,297.939 | +11,941.420 | +417.928 | +0.000 |
| 35 | +0.02442 | -6,302.53 | +21,607.483 | +11,941.420 | +444.891 | +0.000 |
| 36 | +0.02595 | +6,831.99 | +22,961.269 | +11,941.420 | +472.765 | +0.000 |
| 37 | +0.02660 | +22,270.28 | +23,536.407 | +11,941.420 | +484.607 | +0.000 |
| 38 | +0.02654 | +13,045.90 | +23,483.317 | +11,941.420 | +483.514 | +0.000 |
| 39 | +0.02629 | +9,699.48 | +23,262.111 | +11,941.420 | +478.959 | +0.000 |
| 40 | +0.02540 | -1,152.07 | +22,474.614 | +11,941.420 | +462.745 | +0.000 |
| 41 | +0.02446 | -5,712.05 | +21,642.876 | +11,941.420 | +445.620 | +0.000 |
| 42 | +0.02350 | -4,455.68 | +20,793.442 | +0.000 | +428.130 | +0.000 |

| | | | | | | |
|----|----------|------------|-------------|-------------|----------|-------|
| 43 | +0.02248 | -1,969.21 | +19,890.918 | +.000 | +409.547 | +.000 |
| 44 | +0.02142 | -20,240.27 | +18,953.001 | +.000 | +390.236 | +.000 |
| 45 | +0.02077 | -1,223.52 | +18,377.864 | +.000 | +378.394 | +.000 |
| 46 | +0.01985 | -580.35 | +17,563.823 | +.000 | +361.633 | +.000 |
| 47 | +0.01853 | -6,732.25 | +16,395.850 | +12,137.500 | +337.585 | +.000 |
| 48 | +0.01796 | -12,690.73 | +15,891.499 | +12,137.500 | +327.201 | +.000 |

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Settlement Day:24/02/2018

SAA Run Number:06

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NGESO Version Id:02

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

| Settlement Period | Black Start Testing Costs | Black Start Availability Costs | Black Start Other Costs | System Operator Internal Costs(£) | System Innovation Costs(£) | Prior Year Cost Recovery |
|----------------------|------------------------------|-----------------------------------|----------------------------|---|----------------------------------|-----------------------------|
| 01 | +0.000 | +3,043.124 | +0.000 | +8,707.870 | +54.841 | +0.000 |
| 02 | +0.000 | +3,091.902 | +0.000 | +8,847.448 | +55.720 | +0.000 |
| 03 | +0.000 | +3,106.064 | +0.000 | +8,887.971 | +55.975 | +0.000 |
| 04 | +0.000 | +3,024.242 | +0.000 | +8,653.840 | +54.501 | +0.000 |
| 05 | +0.000 | +2,986.479 | +0.000 | +8,545.780 | +53.820 | +0.000 |
| 06 | +0.000 | +2,969.170 | +0.000 | +8,496.252 | +53.508 | +0.000 |
| 07 | +0.000 | +2,925.113 | +0.000 | +8,370.182 | +52.714 | +0.000 |
| 08 | +0.000 | +2,871.614 | +0.000 | +8,217.096 | +51.750 | +0.000 |
| 09 | +0.000 | +2,840.144 | +0.000 | +8,127.046 | +51.183 | +0.000 |
| 10 | +0.000 | +2,813.395 | +0.000 | +8,050.503 | +50.701 | +0.000 |
| 11 | +0.000 | +2,852.732 | +0.000 | +8,163.066 | +51.410 | +0.000 |
| 12 | +0.000 | +2,868.467 | +0.000 | +8,208.091 | +51.693 | +0.000 |
| 13 | +0.000 | +2,903.084 | +0.000 | +8,307.146 | +52.317 | +0.000 |
| 14 | +0.000 | +2,972.317 | +0.000 | +8,505.257 | +53.565 | +0.000 |
| 15 | +0.000 | +3,167.430 | +0.000 | +9,063.569 | +57.081 | +0.000 |
| 16 | +0.000 | +3,263.412 | +0.000 | +9,338.223 | +58.811 | +0.000 |
| 17 | +0.000 | +3,356.248 | +0.000 | +9,603.872 | +60.484 | +0.000 |
| 18 | +0.000 | +3,442.790 | +0.000 | +9,851.510 | +62.043 | +0.000 |
| 19 | +0.000 | +3,478.980 | +0.000 | +9,955.068 | +62.696 | +0.000 |
| 20 | +0.000 | +3,420.761 | +0.000 | +9,788.475 | +61.646 | +0.000 |
| 21 | +0.000 | +3,373.556 | +0.000 | +9,653.399 | +60.796 | +0.000 |
| 22 | +0.000 | +3,290.162 | +0.000 | +9,414.766 | +59.293 | +0.000 |
| 23 | +0.000 | +3,253.971 | +0.000 | +9,311.208 | +58.641 | +0.000 |
| 24 | +0.000 | +3,203.620 | +0.000 | +9,167.127 | +57.733 | +0.000 |
| 25 | +0.000 | +3,189.458 | +0.000 | +9,126.605 | +57.478 | +0.000 |
| 26 | +0.000 | +3,135.960 | +0.000 | +8,973.519 | +56.514 | +0.000 |
| 27 | +0.000 | +3,079.314 | +0.000 | +8,811.428 | +55.493 | +0.000 |
| 28 | +0.000 | +3,044.698 | +0.000 | +8,712.373 | +54.869 | +0.000 |
| 29 | +0.000 | +3,033.683 | +0.000 | +8,680.855 | +54.671 | +0.000 |
| 30 | +0.000 | +3,060.432 | +0.000 | +8,757.398 | +55.153 | +0.000 |
| 31 | +0.000 | +3,087.182 | +0.000 | +8,833.941 | +55.635 | +0.000 |
| 32 | +0.000 | +3,202.046 | +0.000 | +9,162.625 | +57.705 | +0.000 |
| 33 | +0.000 | +3,378.277 | +0.000 | +9,666.907 | +60.881 | +0.000 |
| 34 | +0.000 | +3,609.579 | +0.000 | +10,328.777 | +65.049 | +0.000 |
| 35 | +0.000 | +3,842.455 | +0.000 | +10,995.150 | +69.246 | +0.000 |
| 36 | +0.000 | +4,083.199 | +0.000 | +11,684.035 | +73.584 | +0.000 |
| 37 | +0.000 | +4,185.476 | +0.000 | +11,976.699 | +75.427 | +0.000 |
| 38 | +0.000 | +4,176.035 | +0.000 | +11,949.684 | +75.257 | +0.000 |
| 39 | +0.000 | +4,136.698 | +0.000 | +11,837.121 | +74.548 | +0.000 |
| 40 | +0.000 | +3,996.657 | +0.000 | +11,436.396 | +72.025 | +0.000 |
| 41 | +0.000 | +3,848.749 | +0.000 | +11,013.160 | +69.359 | +0.000 |
| 42 | +0.000 | +3,697.695 | +0.000 | +10,580.918 | +66.637 | +0.000 |

| | | | | | | |
|----|-------|------------|-------|-------------|---------|-------|
| 43 | +.000 | +3,537.199 | +.000 | +10,121.661 | +63.745 | +.000 |
| 44 | +.000 | +3,370.409 | +.000 | +9,644.394 | +60.739 | +.000 |
| 45 | +.000 | +3,268.133 | +.000 | +9,351.731 | +58.896 | +.000 |
| 46 | +.000 | +3,123.372 | +.000 | +8,937.499 | +56.287 | +.000 |
| 47 | +.000 | +2,915.672 | +.000 | +8,343.166 | +52.544 | +.000 |
| 48 | +.000 | +2,825.983 | +.000 | +8,086.523 | +50.928 | +.000 |

Date: 26/07/2019

Settlement Day:24/02/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:02

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

| Settlement Period | EMR Incentive Revenue | Placeholder Column2 30 Charact | Placeholder Column3 30 Charact | Wind forecast Incentive(£) | Provision of Balancing Services to Others(£) | Total Period BSUoS charges(£) |
|----------------------|--------------------------|-----------------------------------|-----------------------------------|-------------------------------|--|----------------------------------|
| 01 | + .000 | + .000 | + .000 | -13.994 | + .000 | +25,770.237 |
| 02 | + .000 | + .000 | + .000 | -14.218 | + .000 | +40,608.885 |
| 03 | + .000 | + .000 | + .000 | -14.283 | + .000 | +41,596.269 |
| 04 | + .000 | + .000 | + .000 | -13.907 | + .000 | +40,670.699 |
| 05 | + .000 | + .000 | + .000 | -13.733 | + .000 | +43,837.891 |
| 06 | + .000 | + .000 | + .000 | -13.654 | + .000 | +41,158.714 |
| 07 | + .000 | + .000 | + .000 | -13.451 | + .000 | +33,007.681 |
| 08 | + .000 | + .000 | + .000 | -13.205 | + .000 | +22,419.818 |
| 09 | + .000 | + .000 | + .000 | -13.060 | + .000 | +20,981.307 |
| 10 | + .000 | + .000 | + .000 | -12.937 | + .000 | +19,100.200 |
| 11 | + .000 | + .000 | + .000 | -13.118 | + .000 | +28,146.769 |
| 12 | + .000 | + .000 | + .000 | -13.190 | + .000 | +37,825.475 |
| 13 | + .000 | + .000 | + .000 | -13.350 | + .000 | +42,931.879 |
| 14 | + .000 | + .000 | + .000 | -13.668 | + .000 | +31,721.457 |
| 15 | + .000 | + .000 | + .000 | -14.565 | + .000 | +16,366.590 |
| 16 | + .000 | + .000 | + .000 | -15.007 | + .000 | +22,717.835 |
| 17 | + .000 | + .000 | + .000 | -15.434 | + .000 | +29,676.317 |
| 18 | + .000 | + .000 | + .000 | -15.831 | + .000 | +21,996.122 |
| 19 | + .000 | + .000 | + .000 | -15.998 | + .000 | +15,405.518 |
| 20 | + .000 | + .000 | + .000 | -15.730 | + .000 | +2,058.850 |
| 21 | + .000 | + .000 | + .000 | -15.513 | + .000 | +2,003.054 |
| 22 | + .000 | + .000 | + .000 | -15.130 | + .000 | -4,055.179 |
| 23 | + .000 | + .000 | + .000 | -14.963 | + .000 | +471.436 |
| 24 | + .000 | + .000 | + .000 | -14.732 | + .000 | +5,159.916 |
| 25 | + .000 | + .000 | + .000 | -14.667 | + .000 | +15,417.402 |
| 26 | + .000 | + .000 | + .000 | -14.421 | + .000 | +17,164.239 |
| 27 | + .000 | + .000 | + .000 | -14.160 | + .000 | +2,629.893 |
| 28 | + .000 | + .000 | + .000 | -14.001 | + .000 | -1,420.531 |
| 29 | + .000 | + .000 | + .000 | -13.950 | + .000 | -10,018.522 |
| 30 | + .000 | + .000 | + .000 | -14.073 | + .000 | -5,106.606 |
| 31 | + .000 | + .000 | + .000 | -14.196 | + .000 | -14,147.399 |
| 32 | + .000 | + .000 | + .000 | -14.724 | + .000 | +11,249.284 |
| 33 | + .000 | + .000 | + .000 | -15.535 | + .000 | +29,027.198 |
| 34 | + .000 | + .000 | + .000 | -16.598 | + .000 | +45,709.097 |
| 35 | + .000 | + .000 | + .000 | -17.669 | + .000 | +43,249.487 |
| 36 | + .000 | + .000 | + .000 | -18.776 | + .000 | +58,740.445 |
| 37 | + .000 | + .000 | + .000 | -19.247 | + .000 | +75,179.836 |
| 38 | + .000 | + .000 | + .000 | -19.203 | + .000 | +65,863.047 |
| 39 | + .000 | + .000 | + .000 | -19.022 | + .000 | +62,131.588 |
| 40 | + .000 | + .000 | + .000 | -18.378 | + .000 | +49,909.299 |
| 41 | + .000 | + .000 | + .000 | -17.698 | + .000 | +43,901.573 |
| 42 | + .000 | + .000 | + .000 | -17.004 | + .000 | +31,737.974 |

| | | | | | | |
|----|-------|-------|-------|---------|-------|-------------|
| 43 | +.000 | +.000 | +.000 | -16.266 | +.000 | +32,653.485 |
| 44 | +.000 | +.000 | +.000 | -15.499 | +.000 | +12,749.861 |
| 45 | +.000 | +.000 | +.000 | -15.028 | +.000 | +30,765.510 |
| 46 | +.000 | +.000 | +.000 | -14.363 | +.000 | +29,991.736 |
| 47 | +.000 | +.000 | +.000 | -13.408 | +.000 | +33,944.331 |
| 48 | +.000 | +.000 | +.000 | -12.995 | +.000 | +27,107.963 |