

Date: 27/09/2019

Settlement Day:07/08/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 129

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|----------------|------------------|
| System Operator Balancing Mechanism Costs | +537,733.580 | +140,522,349.330 |
| Balancing Services Contract Cost | +858,902.150 | +116,120,211.550 |
| Balancing Services Cost Variable | +137,202.490 | +36,922,625.980 |
| ESO Incentive Recovery Costs | +41,095.890 | +5,301,369.810 |
| Black Start Capital Costs | +0.000 | +0.000 |
| Black Start Testing Costs | +0.000 | +0.000 |
| Black Start Availability Costs | +111,307.840 | +13,894,138.480 |
| Black Start Other Costs | +0.000 | +2,227,569.780 |
| System Operator Internal Costs | +529,458.360 | +68,300,128.440 |
| System Innovation Costs | +0.000 | +0.000 |
| Prior Year Cost Recovery | +2,296.840 | +296,292.360 |
| 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 | +0.000 | +0.000 |
| Provision Of Balancing Services to Others | +0.000 | +0.000 |
| Total Internal Costs | +529,458.360 | +68,300,128.440 |
| Total External Costs | +1,688,538.790 | +315,284,557.290 |
| Total Adjusted Energy Volume (MWh) | +1,289,893.564 | |

Date: 27/09/2019

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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 | +22,059.972 | +58,944.574 | +2.67201 |
| 02 | +21,475.166 | +41,027.827 | +1.91048 |
| 03 | +21,411.204 | +37,157.794 | +1.73544 |
| 04 | +21,285.890 | +39,452.798 | +1.85347 |
| 05 | +21,091.989 | +39,865.909 | +1.89010 |
| 06 | +20,875.589 | +31,770.078 | +1.52188 |
| 07 | +20,564.717 | +26,625.964 | +1.29474 |
| 08 | +20,529.797 | +27,691.442 | +1.34884 |
| 09 | +20,649.654 | +38,322.448 | +1.85584 |
| 10 | +20,803.500 | +33,845.795 | +1.62693 |
| 11 | +21,175.377 | +47,189.913 | +2.22853 |
| 12 | +21,469.390 | +35,208.806 | +1.63995 |
| 13 | +22,944.375 | +57,485.022 | +2.50541 |
| 14 | +24,634.051 | +55,153.392 | +2.23891 |
| 15 | +27,241.020 | +62,295.450 | +2.28683 |
| 16 | +28,355.293 | +69,561.843 | +2.45322 |
| 17 | +28,770.889 | +50,336.582 | +1.74957 |
| 18 | +29,401.001 | +52,422.322 | +1.78301 |
| 19 | +29,276.662 | +39,052.537 | +1.33391 |
| 20 | +29,310.092 | +26,787.528 | +0.91394 |
| 21 | +29,401.886 | +44,900.922 | +1.52714 |
| 22 | +29,238.555 | +40,409.925 | +1.38208 |
| 23 | +29,300.701 | +55,644.958 | +1.89910 |
| 24 | +29,077.792 | +46,058.627 | +1.58398 |
| 25 | +29,264.323 | +51,864.746 | +1.77229 |
| 26 | +29,032.098 | +45,423.195 | +1.56459 |
| 27 | +29,115.735 | +67,515.289 | +2.31886 |
| 28 | +28,965.851 | +64,519.922 | +2.22745 |
| 29 | +29,147.406 | +68,495.110 | +2.34996 |
| 30 | +29,186.326 | +62,251.292 | +2.13289 |
| 31 | +29,139.800 | +36,360.550 | +1.24780 |
| 32 | +29,398.153 | +35,080.322 | +1.19328 |
| 33 | +29,244.339 | +32,088.145 | +1.09724 |
| 34 | +30,207.272 | +72,043.660 | +2.38498 |
| 35 | +30,819.251 | +85,455.259 | +2.77279 |
| 36 | +31,205.077 | +72,782.788 | +2.33240 |
| 37 | +31,176.210 | +52,701.636 | +1.69044 |
| 38 | +31,097.727 | +46,545.273 | +1.49674 |
| 39 | +31,008.108 | +51,588.998 | +1.66373 |
| 40 | +30,745.427 | +47,810.266 | +1.55504 |
| 41 | +30,518.244 | +34,220.655 | +1.12132 |
| 42 | +30,376.295 | +25,545.628 | +0.84097 |

| | | | |
|----|-------------|-------------|----------|
| 43 | +30,372.303 | +43,748.608 | +1.44041 |
| 44 | +29,535.308 | +42,707.039 | +1.44597 |
| 45 | +28,206.463 | +26,394.116 | +0.93575 |
| 46 | +26,243.963 | +18,331.683 | +0.69851 |
| 47 | +23,495.198 | +33,041.322 | +1.40630 |
| 48 | +22,048.125 | +44,284.624 | +2.00854 |

Date: 27/09/2019

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SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

| Settlement Period | Total Adjustment Energy factor Volume | System Operator Balancing Mechanism Costs(£) | Balancing Services Contract Cost(£) | Balancing Services Cost Variable(£) | ESO Incentive Recovery Costs | Black Start Capital Costs |
|----------------------|--|--|---|--|---------------------------------|------------------------------|
| 01 | +0.01710 | +39,858.38 | +14,687.227 | -7,300.150 | +702.740 | +0.000 |
| 02 | +0.01665 | +22,636.01 | +14,300.721 | -7,300.150 | +684.247 | +0.000 |
| 03 | +0.01660 | +18,843.13 | +14,257.776 | -7,300.150 | +682.192 | +0.000 |
| 04 | +0.01650 | +21,292.44 | +14,171.885 | -7,300.150 | +678.082 | +0.000 |
| 05 | +0.01635 | +24,231.11 | +14,043.050 | -9,594.250 | +671.918 | +0.000 |
| 06 | +0.01618 | +16,397.60 | +13,897.037 | -9,594.250 | +664.932 | +0.000 |
| 07 | +0.01594 | +8,319.07 | +13,690.900 | -6,289.500 | +655.068 | +0.000 |
| 08 | +0.01592 | +9,415.41 | +13,673.722 | -6,289.500 | +654.247 | +0.000 |
| 09 | +0.01601 | +13,397.19 | +13,751.023 | +220.850 | +657.945 | +0.000 |
| 10 | +0.01613 | +8,735.37 | +13,854.092 | +220.850 | +662.877 | +0.000 |
| 11 | +0.01642 | +20,851.85 | +14,103.173 | +1,001.000 | +674.795 | +0.000 |
| 12 | +0.01664 | +8,531.27 | +14,292.132 | +1,001.000 | +683.836 | +0.000 |
| 13 | +0.01779 | +22,554.69 | +15,279.869 | +7,479.275 | +731.096 | +0.000 |
| 14 | +0.01910 | +10,464.49 | +16,405.031 | +15,216.435 | +784.931 | +0.000 |
| 15 | +0.02112 | +21,968.84 | +18,140.013 | +7,737.160 | +867.945 | +0.000 |
| 16 | +0.02198 | +27,908.20 | +18,878.669 | +7,737.160 | +903.288 | +0.000 |
| 17 | +0.02230 | +8,189.16 | +19,153.518 | +7,737.160 | +916.438 | +0.000 |
| 18 | +0.02279 | +9,518.80 | +19,574.380 | +7,737.160 | +936.575 | +0.000 |
| 19 | +0.02270 | -3,712.11 | +19,497.079 | +7,737.160 | +932.877 | +0.000 |
| 20 | +0.02272 | -16,007.98 | +19,514.257 | +7,737.160 | +933.699 | +0.000 |
| 21 | +0.02279 | +1,997.40 | +19,574.380 | +7,737.160 | +936.575 | +0.000 |
| 22 | +0.02267 | -2,308.43 | +19,471.312 | +7,737.160 | +931.644 | +0.000 |
| 23 | +0.02272 | +12,849.45 | +19,514.257 | +7,737.160 | +933.699 | +0.000 |
| 24 | +0.02254 | +3,540.87 | +19,359.654 | +7,737.160 | +926.301 | +0.000 |
| 25 | +0.02269 | +9,115.53 | +19,488.490 | +7,737.160 | +932.466 | +0.000 |
| 26 | +0.02251 | +2,951.73 | +19,333.887 | +7,737.160 | +925.068 | +0.000 |
| 27 | +0.02257 | +24,951.24 | +19,385.422 | +7,737.160 | +927.534 | +0.000 |
| 28 | +0.02246 | +22,125.61 | +19,290.942 | +7,737.160 | +923.014 | +0.000 |
| 29 | +0.02260 | +33,621.93 | +19,411.189 | +0.000 | +928.767 | +0.000 |
| 30 | +0.02263 | +27,331.82 | +19,436.956 | +0.000 | +930.000 | +0.000 |
| 31 | +0.02259 | +1,502.80 | +19,402.600 | +0.000 | +928.356 | +0.000 |
| 32 | +0.02279 | -86.04 | +19,574.380 | +0.000 | +936.575 | +0.000 |
| 33 | +0.02267 | -10,630.21 | +19,471.312 | +7,737.160 | +931.644 | +0.000 |
| 34 | +0.02342 | +28,168.01 | +20,115.488 | +7,737.160 | +962.466 | +0.000 |
| 35 | +0.02389 | +40,854.37 | +20,519.172 | +7,737.160 | +981.781 | +0.000 |
| 36 | +0.02419 | +27,718.98 | +20,776.843 | +7,737.160 | +994.110 | +0.000 |
| 37 | +0.02417 | +15,405.85 | +20,759.665 | +0.000 | +993.288 | +0.000 |
| 38 | +0.02411 | +9,342.07 | +20,708.131 | +0.000 | +990.822 | +0.000 |
| 39 | +0.02404 | +14,493.81 | +20,648.008 | +0.000 | +987.945 | +0.000 |
| 40 | +0.02384 | +3,286.53 | +20,476.227 | +7,737.160 | +979.726 | +0.000 |
| 41 | +0.02366 | -10,025.33 | +20,321.625 | +7,737.160 | +972.329 | +0.000 |
| 42 | +0.02355 | -18,530.62 | +20,227.146 | +7,737.160 | +967.808 | +0.000 |

| | | | | | | |
|----|----------|------------|-------------|------------|----------|-------|
| 43 | +0.02355 | -327.64 | +20,227.146 | +7,737.160 | +967.808 | +.000 |
| 44 | +0.02290 | -366.22 | +19,668.859 | +7,737.160 | +941.096 | +.000 |
| 45 | +0.02187 | -7,352.63 | +18,784.190 | +.000 | +898.767 | +.000 |
| 46 | +0.02035 | -13,069.61 | +17,478.659 | +.000 | +836.301 | +.000 |
| 47 | +0.01821 | +7,403.93 | +15,640.608 | -2,461.750 | +748.356 | +.000 |
| 48 | +0.01709 | +20,375.46 | +14,678.638 | -2,461.750 | +702.329 | +.000 |

Date: 27/09/2019

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SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

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 | +1,903.364 | +0.000 | +9,053.738 | +0.000 | +39.276 |
| 02 | +0.000 | +1,853.276 | +0.000 | +8,815.482 | +0.000 | +38.242 |
| 03 | +0.000 | +1,847.710 | +0.000 | +8,789.009 | +0.000 | +38.128 |
| 04 | +0.000 | +1,836.579 | +0.000 | +8,736.063 | +0.000 | +37.898 |
| 05 | +0.000 | +1,819.883 | +0.000 | +8,656.644 | +0.000 | +37.553 |
| 06 | +0.000 | +1,800.961 | +0.000 | +8,566.636 | +0.000 | +37.163 |
| 07 | +0.000 | +1,774.247 | +0.000 | +8,439.566 | +0.000 | +36.612 |
| 08 | +0.000 | +1,772.021 | +0.000 | +8,428.977 | +0.000 | +36.566 |
| 09 | +0.000 | +1,782.039 | +0.000 | +8,476.628 | +0.000 | +36.772 |
| 10 | +0.000 | +1,795.395 | +0.000 | +8,540.163 | +0.000 | +37.048 |
| 11 | +0.000 | +1,827.675 | +0.000 | +8,693.706 | +0.000 | +37.714 |
| 12 | +0.000 | +1,852.162 | +0.000 | +8,810.187 | +0.000 | +38.219 |
| 13 | +0.000 | +1,980.166 | +0.000 | +9,419.064 | +0.000 | +40.861 |
| 14 | +0.000 | +2,125.980 | +0.000 | +10,112.655 | +0.000 | +43.870 |
| 15 | +0.000 | +2,350.822 | +0.000 | +11,182.161 | +0.000 | +48.509 |
| 16 | +0.000 | +2,446.546 | +0.000 | +11,637.495 | +0.000 | +50.485 |
| 17 | +0.000 | +2,482.165 | +0.000 | +11,806.921 | +0.000 | +51.220 |
| 18 | +0.000 | +2,536.706 | +0.000 | +12,066.356 | +0.000 | +52.345 |
| 19 | +0.000 | +2,526.688 | +0.000 | +12,018.705 | +0.000 | +52.138 |
| 20 | +0.000 | +2,528.914 | +0.000 | +12,029.294 | +0.000 | +52.184 |
| 21 | +0.000 | +2,536.706 | +0.000 | +12,066.356 | +0.000 | +52.345 |
| 22 | +0.000 | +2,523.349 | +0.000 | +12,002.821 | +0.000 | +52.069 |
| 23 | +0.000 | +2,528.914 | +0.000 | +12,029.294 | +0.000 | +52.184 |
| 24 | +0.000 | +2,508.879 | +0.000 | +11,933.991 | +0.000 | +51.771 |
| 25 | +0.000 | +2,525.575 | +0.000 | +12,013.410 | +0.000 | +52.115 |
| 26 | +0.000 | +2,505.539 | +0.000 | +11,918.108 | +0.000 | +51.702 |
| 27 | +0.000 | +2,512.218 | +0.000 | +11,949.875 | +0.000 | +51.840 |
| 28 | +0.000 | +2,499.974 | +0.000 | +11,891.635 | +0.000 | +51.587 |
| 29 | +0.000 | +2,515.557 | +0.000 | +11,965.759 | +0.000 | +51.909 |
| 30 | +0.000 | +2,518.896 | +0.000 | +11,981.643 | +0.000 | +51.977 |
| 31 | +0.000 | +2,514.444 | +0.000 | +11,960.464 | +0.000 | +51.886 |
| 32 | +0.000 | +2,536.706 | +0.000 | +12,066.356 | +0.000 | +52.345 |
| 33 | +0.000 | +2,523.349 | +0.000 | +12,002.821 | +0.000 | +52.069 |
| 34 | +0.000 | +2,606.830 | +0.000 | +12,399.915 | +0.000 | +53.792 |
| 35 | +0.000 | +2,659.144 | +0.000 | +12,648.760 | +0.000 | +54.872 |
| 36 | +0.000 | +2,692.537 | +0.000 | +12,807.598 | +0.000 | +55.561 |
| 37 | +0.000 | +2,690.310 | +0.000 | +12,797.009 | +0.000 | +55.515 |
| 38 | +0.000 | +2,683.632 | +0.000 | +12,765.241 | +0.000 | +55.377 |
| 39 | +0.000 | +2,675.840 | +0.000 | +12,728.179 | +0.000 | +55.216 |
| 40 | +0.000 | +2,653.579 | +0.000 | +12,622.287 | +0.000 | +54.757 |
| 41 | +0.000 | +2,633.543 | +0.000 | +12,526.985 | +0.000 | +54.343 |
| 42 | +0.000 | +2,621.300 | +0.000 | +12,468.744 | +0.000 | +54.091 |

| | | | | | | |
|----|-------|------------|-------|-------------|-------|---------|
| 43 | +.000 | +2,621.300 | +.000 | +12,468.744 | +.000 | +54.091 |
| 44 | +.000 | +2,548.950 | +.000 | +12,124.596 | +.000 | +52.598 |
| 45 | +.000 | +2,434.302 | +.000 | +11,579.254 | +.000 | +50.232 |
| 46 | +.000 | +2,265.115 | +.000 | +10,774.478 | +.000 | +46.741 |
| 47 | +.000 | +2,026.916 | +.000 | +9,641.437 | +.000 | +41.825 |
| 48 | +.000 | +1,902.251 | +.000 | +9,048.443 | +.000 | +39.253 |

Date: 27/09/2019

Settlement Day:07/08/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

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 | + .000 | + .000 | +58,944.574 |
| 02 | + .000 | + .000 | + .000 | + .000 | + .000 | +41,027.827 |
| 03 | + .000 | + .000 | + .000 | + .000 | + .000 | +37,157.794 |
| 04 | + .000 | + .000 | + .000 | + .000 | + .000 | +39,452.798 |
| 05 | + .000 | + .000 | + .000 | + .000 | + .000 | +39,865.909 |
| 06 | + .000 | + .000 | + .000 | + .000 | + .000 | +31,770.078 |
| 07 | + .000 | + .000 | + .000 | + .000 | + .000 | +26,625.964 |
| 08 | + .000 | + .000 | + .000 | + .000 | + .000 | +27,691.442 |
| 09 | + .000 | + .000 | + .000 | + .000 | + .000 | +38,322.448 |
| 10 | + .000 | + .000 | + .000 | + .000 | + .000 | +33,845.795 |
| 11 | + .000 | + .000 | + .000 | + .000 | + .000 | +47,189.913 |
| 12 | + .000 | + .000 | + .000 | + .000 | + .000 | +35,208.806 |
| 13 | + .000 | + .000 | + .000 | + .000 | + .000 | +57,485.022 |
| 14 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,153.392 |
| 15 | + .000 | + .000 | + .000 | + .000 | + .000 | +62,295.450 |
| 16 | + .000 | + .000 | + .000 | + .000 | + .000 | +69,561.843 |
| 17 | + .000 | + .000 | + .000 | + .000 | + .000 | +50,336.582 |
| 18 | + .000 | + .000 | + .000 | + .000 | + .000 | +52,422.322 |
| 19 | + .000 | + .000 | + .000 | + .000 | + .000 | +39,052.537 |
| 20 | + .000 | + .000 | + .000 | + .000 | + .000 | +26,787.528 |
| 21 | + .000 | + .000 | + .000 | + .000 | + .000 | +44,900.922 |
| 22 | + .000 | + .000 | + .000 | + .000 | + .000 | +40,409.925 |
| 23 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,644.958 |
| 24 | + .000 | + .000 | + .000 | + .000 | + .000 | +46,058.627 |
| 25 | + .000 | + .000 | + .000 | + .000 | + .000 | +51,864.746 |
| 26 | + .000 | + .000 | + .000 | + .000 | + .000 | +45,423.195 |
| 27 | + .000 | + .000 | + .000 | + .000 | + .000 | +67,515.289 |
| 28 | + .000 | + .000 | + .000 | + .000 | + .000 | +64,519.922 |
| 29 | + .000 | + .000 | + .000 | + .000 | + .000 | +68,495.110 |
| 30 | + .000 | + .000 | + .000 | + .000 | + .000 | +62,251.292 |
| 31 | + .000 | + .000 | + .000 | + .000 | + .000 | +36,360.550 |
| 32 | + .000 | + .000 | + .000 | + .000 | + .000 | +35,080.322 |
| 33 | + .000 | + .000 | + .000 | + .000 | + .000 | +32,088.145 |
| 34 | + .000 | + .000 | + .000 | + .000 | + .000 | +72,043.660 |
| 35 | + .000 | + .000 | + .000 | + .000 | + .000 | +85,455.259 |
| 36 | + .000 | + .000 | + .000 | + .000 | + .000 | +72,782.788 |
| 37 | + .000 | + .000 | + .000 | + .000 | + .000 | +52,701.636 |
| 38 | + .000 | + .000 | + .000 | + .000 | + .000 | +46,545.273 |
| 39 | + .000 | + .000 | + .000 | + .000 | + .000 | +51,588.998 |
| 40 | + .000 | + .000 | + .000 | + .000 | + .000 | +47,810.266 |
| 41 | + .000 | + .000 | + .000 | + .000 | + .000 | +34,220.655 |
| 42 | + .000 | + .000 | + .000 | + .000 | + .000 | +25,545.628 |

| | | | | | | |
|----|-------|-------|-------|-------|-------|-------------|
| 43 | +.000 | +.000 | +.000 | +.000 | +.000 | +43,748.608 |
| 44 | +.000 | +.000 | +.000 | +.000 | +.000 | +42,707.039 |
| 45 | +.000 | +.000 | +.000 | +.000 | +.000 | +26,394.116 |
| 46 | +.000 | +.000 | +.000 | +.000 | +.000 | +18,331.683 |
| 47 | +.000 | +.000 | +.000 | +.000 | +.000 | +33,041.322 |
| 48 | +.000 | +.000 | +.000 | +.000 | +.000 | +44,284.624 |