

Date: 02/07/2019

Settlement Day:08/06/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 69

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|----------------|------------------|
| System Operator Balancing Mechanism Costs | +2,281,215.630 | +97,172,072.090 |
| Balancing Services Contract Cost | +847,875.578 | +62,286,884.530 |
| Balancing Services Cost Variable | +1,055,304.120 | +11,951,146.385 |
| ESO Incentive Recovery Costs | +40,983.610 | +2,827,869.090 |
| Black Start Capital Costs | +0.000 | +0.000 |
| Black Start Testing Costs | +0.000 | +0.000 |
| Black Start Availability Costs | +112,585.018 | +7,687,160.921 |
| Black Start Other Costs | +0.000 | +0.000 |
| System Operator Internal Costs | +824,071.040 | +56,860,901.760 |
| System Innovation Costs | +0.000 | +0.000 |
| Prior Year Cost Recovery | +0.000 | +0.000 |
| EMR Incentive Revenue | +4,128.420 | +284,860.980 |
| 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 | +824,071.040 | +56,860,901.760 |
| Total External Costs | +4,342,092.376 | +182,209,993.996 |
| Total Adjusted Energy Volume (MWh) | +1,006,310.722 | |

Date: 02/07/2019

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NGESO Version Id:01

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 | +19,392.988 | +128,935.573 | +6.64857 |
| 02 | +18,426.150 | +108,189.436 | +5.87152 |
| 03 | +17,763.039 | +106,520.801 | +5.99677 |
| 04 | +17,619.095 | +105,051.941 | +5.96239 |
| 05 | +17,444.624 | +131,241.141 | +7.52330 |
| 06 | +17,153.123 | +131,074.155 | +7.64142 |
| 07 | +17,574.740 | +180,354.548 | +10.26215 |
| 08 | +17,492.195 | +183,759.267 | +10.50521 |
| 09 | +17,281.418 | +180,849.962 | +10.46500 |
| 10 | +17,171.040 | +174,130.231 | +10.14093 |
| 11 | +17,553.945 | +176,310.886 | +10.04395 |
| 12 | +17,574.964 | +162,989.638 | +9.27397 |
| 13 | +17,788.166 | +166,794.170 | +9.37669 |
| 14 | +18,493.128 | +175,700.501 | +9.50085 |
| 15 | +19,429.738 | +90,274.999 | +4.64623 |
| 16 | +20,518.333 | +96,555.164 | +4.70580 |
| 17 | +21,651.387 | +90,092.342 | +4.16104 |
| 18 | +22,289.616 | +104,015.677 | +4.66655 |
| 19 | +22,702.396 | +113,225.141 | +4.98737 |
| 20 | +22,953.972 | +107,737.582 | +4.69364 |
| 21 | +23,049.071 | +113,238.430 | +4.91293 |
| 22 | +22,763.120 | +108,483.680 | +4.76576 |
| 23 | +22,645.578 | +101,794.672 | +4.49512 |
| 24 | +22,516.384 | +96,980.965 | +4.30713 |
| 25 | +22,252.989 | +86,449.591 | +3.88485 |
| 26 | +21,864.802 | +73,951.177 | +3.38220 |
| 27 | +21,606.725 | +74,417.860 | +3.44420 |
| 28 | +21,181.373 | +71,037.269 | +3.35376 |
| 29 | +21,110.350 | +76,241.294 | +3.61156 |
| 30 | +20,901.794 | +73,059.719 | +3.49538 |
| 31 | +20,821.495 | +69,810.157 | +3.35279 |
| 32 | +20,971.351 | +61,028.524 | +2.91009 |
| 33 | +21,230.810 | +63,751.411 | +3.00278 |
| 34 | +21,921.305 | +69,086.589 | +3.15157 |
| 35 | +22,850.467 | +99,991.868 | +4.37592 |
| 36 | +23,345.593 | +110,920.353 | +4.75123 |
| 37 | +23,714.792 | +105,625.001 | +4.45397 |
| 38 | +24,058.594 | +95,949.380 | +3.98815 |
| 39 | +24,062.589 | +82,556.870 | +3.43092 |
| 40 | +24,079.862 | +87,571.923 | +3.63673 |
| 41 | +23,862.645 | +90,907.811 | +3.80963 |
| 42 | +23,634.506 | +84,549.250 | +3.57736 |

| | | | |
|----|-------------|--------------|----------|
| 43 | +23,694.637 | +83,492.108 | +3.52367 |
| 44 | +23,450.282 | +89,560.987 | +3.81919 |
| 45 | +23,292.517 | +81,984.461 | +3.51978 |
| 46 | +22,492.604 | +63,741.406 | +2.83388 |
| 47 | +21,010.226 | +116,700.010 | +5.55444 |
| 48 | +19,650.204 | +119,495.791 | +6.08115 |

Date: 02/07/2019

Settlement Day:08/06/2019

SAA Run Number:02

Settlement Run Type:Sf

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 | +0.01927 | +54,641.84 | +16,338.562 | +39,036.500 | +789.754 | +0.000 |
| 02 | +0.01831 | +35,652.16 | +15,524.602 | +39,036.500 | +750.410 | +0.000 |
| 03 | +0.01765 | +35,430.34 | +14,965.004 | +38,797.250 | +723.361 | +0.000 |
| 04 | +0.01751 | +34,217.63 | +14,846.301 | +38,797.250 | +717.623 | +0.000 |
| 05 | +0.01734 | +47,308.74 | +14,702.163 | +52,206.380 | +710.656 | +0.000 |
| 06 | +0.01705 | +47,672.35 | +14,456.279 | +52,206.380 | +698.771 | +0.000 |
| 07 | +0.01746 | +83,362.47 | +14,803.908 | +65,046.500 | +715.574 | +0.000 |
| 08 | +0.01738 | +86,913.56 | +14,736.078 | +65,046.500 | +712.295 | +0.000 |
| 09 | +0.01717 | +80,566.48 | +14,558.024 | +68,868.500 | +703.689 | +0.000 |
| 10 | +0.01706 | +74,048.01 | +14,464.757 | +68,868.500 | +699.180 | +0.000 |
| 11 | +0.01744 | +80,247.40 | +14,786.950 | +64,154.500 | +714.754 | +0.000 |
| 12 | +0.01746 | +66,889.56 | +14,803.908 | +64,154.500 | +715.574 | +0.000 |
| 13 | +0.01768 | +73,985.79 | +14,990.440 | +60,460.280 | +724.590 | +0.000 |
| 14 | +0.01838 | +76,686.43 | +15,583.953 | +65,385.220 | +753.279 | +0.000 |
| 15 | +0.01931 | +40,695.14 | +16,372.477 | +14,249.440 | +791.394 | +0.000 |
| 16 | +0.02039 | +44,999.29 | +17,288.183 | +14,249.440 | +835.656 | +0.000 |
| 17 | +0.02152 | +47,907.97 | +18,246.282 | +2,810.440 | +881.967 | +0.000 |
| 18 | +0.02215 | +60,678.63 | +18,780.444 | +2,810.440 | +907.787 | +0.000 |
| 19 | +0.02256 | +69,078.94 | +19,128.073 | +2,869.440 | +924.590 | +0.000 |
| 20 | +0.02281 | +63,133.97 | +19,340.042 | +2,869.440 | +934.836 | +0.000 |
| 21 | +0.02290 | +68,630.40 | +19,416.351 | +2,709.190 | +938.525 | +0.000 |
| 22 | +0.02262 | +64,387.95 | +19,178.946 | +2,709.190 | +927.049 | +0.000 |
| 23 | +0.02250 | +58,509.75 | +19,077.201 | +2,117.940 | +922.131 | +0.000 |
| 24 | +0.02238 | +53,915.60 | +18,975.455 | +2,117.940 | +917.213 | +0.000 |
| 25 | +0.02211 | +43,219.48 | +18,746.529 | +2,776.690 | +906.148 | +0.000 |
| 26 | +0.02173 | +31,416.33 | +18,424.336 | +2,776.690 | +890.574 | +0.000 |
| 27 | +0.02147 | +31,600.97 | +18,203.889 | +3,534.440 | +879.918 | +0.000 |
| 28 | +0.02105 | +28,988.83 | +17,847.781 | +3,534.440 | +862.705 | +0.000 |
| 29 | +0.02098 | +39,242.12 | +17,788.430 | -1,386.750 | +859.836 | +0.000 |
| 30 | +0.02077 | +36,444.77 | +17,610.376 | -1,386.750 | +851.230 | +0.000 |
| 31 | +0.02069 | +33,770.58 | +17,542.546 | -1,815.750 | +847.951 | +0.000 |
| 32 | +0.02084 | +24,714.50 | +17,669.727 | -1,815.750 | +854.098 | +0.000 |
| 33 | +0.02110 | +22,347.24 | +17,890.175 | +2,798.690 | +864.754 | +0.000 |
| 34 | +0.02178 | +26,438.26 | +18,466.730 | +2,798.690 | +892.623 | +0.000 |
| 35 | +0.02271 | +45,244.47 | +19,255.254 | +13,196.190 | +930.738 | +0.000 |
| 36 | +0.02320 | +55,276.43 | +19,670.713 | +13,196.190 | +950.820 | +0.000 |
| 37 | +0.02357 | +55,314.05 | +19,984.427 | +7,186.250 | +965.984 | +0.000 |
| 38 | +0.02391 | +45,016.35 | +20,272.705 | +7,186.250 | +979.918 | +0.000 |
| 39 | +0.02391 | +32,055.84 | +20,272.705 | +6,754.250 | +979.918 | +0.000 |
| 40 | +0.02393 | +32,109.36 | +20,289.663 | +11,679.190 | +980.738 | +0.000 |
| 41 | +0.02371 | +35,814.77 | +20,103.130 | +11,712.190 | +971.721 | +0.000 |
| 42 | +0.02349 | +29,858.73 | +19,916.597 | +11,712.190 | +962.705 | +0.000 |

| | | | | | | |
|----|----------|------------|-------------|-------------|----------|-------|
| 43 | +0.02355 | +29,237.56 | +19,967.470 | +11,166.440 | +965.164 | +.000 |
| 44 | +0.02330 | +35,763.85 | +19,755.501 | +11,166.440 | +954.918 | +.000 |
| 45 | +0.02315 | +33,896.71 | +19,628.320 | +5,731.500 | +948.771 | +.000 |
| 46 | +0.02235 | +17,117.37 | +18,950.019 | +5,731.500 | +915.984 | +.000 |
| 47 | +0.02088 | +30,750.43 | +17,703.642 | +47,746.620 | +855.738 | +.000 |
| 48 | +0.01953 | +36,016.23 | +16,559.010 | +47,746.620 | +800.410 | +.000 |

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SAA Run Number:02

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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 | +2,169.513 | +0.000 | +15,879.849 | +0.000 | +0.000 |
| 02 | +0.000 | +2,061.432 | +0.000 | +15,088.741 | +0.000 | +0.000 |
| 03 | +0.000 | +1,987.126 | +0.000 | +14,544.854 | +0.000 | +0.000 |
| 04 | +0.000 | +1,971.364 | +0.000 | +14,429.484 | +0.000 | +0.000 |
| 05 | +0.000 | +1,952.224 | +0.000 | +14,289.392 | +0.000 | +0.000 |
| 06 | +0.000 | +1,919.575 | +0.000 | +14,050.411 | +0.000 | +0.000 |
| 07 | +0.000 | +1,965.734 | +0.000 | +14,388.280 | +0.000 | +0.000 |
| 08 | +0.000 | +1,956.728 | +0.000 | +14,322.355 | +0.000 | +0.000 |
| 09 | +0.000 | +1,933.085 | +0.000 | +14,149.300 | +0.000 | +0.000 |
| 10 | +0.000 | +1,920.700 | +0.000 | +14,058.652 | +0.000 | +0.000 |
| 11 | +0.000 | +1,963.483 | +0.000 | +14,371.799 | +0.000 | +0.000 |
| 12 | +0.000 | +1,965.734 | +0.000 | +14,388.280 | +0.000 | +0.000 |
| 13 | +0.000 | +1,990.503 | +0.000 | +14,569.576 | +0.000 | +0.000 |
| 14 | +0.000 | +2,069.313 | +0.000 | +15,146.426 | +0.000 | +0.000 |
| 15 | +0.000 | +2,174.017 | +0.000 | +15,912.812 | +0.000 | +0.000 |
| 16 | +0.000 | +2,295.609 | +0.000 | +16,802.809 | +0.000 | +0.000 |
| 17 | +0.000 | +2,422.830 | +0.000 | +17,734.009 | +0.000 | +0.000 |
| 18 | +0.000 | +2,493.758 | +0.000 | +18,253.174 | +0.000 | +0.000 |
| 19 | +0.000 | +2,539.918 | +0.000 | +18,591.043 | +0.000 | +0.000 |
| 20 | +0.000 | +2,568.064 | +0.000 | +18,797.060 | +0.000 | +0.000 |
| 21 | +0.000 | +2,578.197 | +0.000 | +18,871.227 | +0.000 | +0.000 |
| 22 | +0.000 | +2,546.673 | +0.000 | +18,640.487 | +0.000 | +0.000 |
| 23 | +0.000 | +2,533.163 | +0.000 | +18,541.598 | +0.000 | +0.000 |
| 24 | +0.000 | +2,519.653 | +0.000 | +18,442.710 | +0.000 | +0.000 |
| 25 | +0.000 | +2,489.255 | +0.000 | +18,220.211 | +0.000 | +0.000 |
| 26 | +0.000 | +2,446.472 | +0.000 | +17,907.064 | +0.000 | +0.000 |
| 27 | +0.000 | +2,417.200 | +0.000 | +17,692.805 | +0.000 | +0.000 |
| 28 | +0.000 | +2,369.915 | +0.000 | +17,346.695 | +0.000 | +0.000 |
| 29 | +0.000 | +2,362.034 | +0.000 | +17,289.010 | +0.000 | +0.000 |
| 30 | +0.000 | +2,338.391 | +0.000 | +17,115.956 | +0.000 | +0.000 |
| 31 | +0.000 | +2,329.384 | +0.000 | +17,050.030 | +0.000 | +0.000 |
| 32 | +0.000 | +2,346.272 | +0.000 | +17,173.640 | +0.000 | +0.000 |
| 33 | +0.000 | +2,375.544 | +0.000 | +17,387.899 | +0.000 | +0.000 |
| 34 | +0.000 | +2,452.102 | +0.000 | +17,948.267 | +0.000 | +0.000 |
| 35 | +0.000 | +2,556.806 | +0.000 | +18,714.653 | +0.000 | +0.000 |
| 36 | +0.000 | +2,611.972 | +0.000 | +19,118.448 | +0.000 | +0.000 |
| 37 | +0.000 | +2,653.629 | +0.000 | +19,423.354 | +0.000 | +0.000 |
| 38 | +0.000 | +2,691.908 | +0.000 | +19,703.539 | +0.000 | +0.000 |
| 39 | +0.000 | +2,691.908 | +0.000 | +19,703.539 | +0.000 | +0.000 |
| 40 | +0.000 | +2,694.159 | +0.000 | +19,720.020 | +0.000 | +0.000 |
| 41 | +0.000 | +2,669.391 | +0.000 | +19,538.724 | +0.000 | +0.000 |
| 42 | +0.000 | +2,644.622 | +0.000 | +19,357.429 | +0.000 | +0.000 |

| | | | | | | |
|----|-------|------------|-------|-------------|-------|-------|
| 43 | +.000 | +2,651.377 | +.000 | +19,406.873 | +.000 | +.000 |
| 44 | +.000 | +2,623.231 | +.000 | +19,200.855 | +.000 | +.000 |
| 45 | +.000 | +2,606.343 | +.000 | +19,077.245 | +.000 | +.000 |
| 46 | +.000 | +2,516.275 | +.000 | +18,417.988 | +.000 | +.000 |
| 47 | +.000 | +2,350.775 | +.000 | +17,206.603 | +.000 | +.000 |
| 48 | +.000 | +2,198.785 | +.000 | +16,094.107 | +.000 | +.000 |

Date: 02/07/2019

Settlement Day:08/06/2019

SAA Run Number:02

Settlement Run Type:SF

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 | +79.555 | +0.000 | +0.000 | +0.000 | +0.000 | +128,935.573 |
| 02 | +75.591 | +0.000 | +0.000 | +0.000 | +0.000 | +108,189.436 |
| 03 | +72.867 | +0.000 | +0.000 | +0.000 | +0.000 | +106,520.801 |
| 04 | +72.289 | +0.000 | +0.000 | +0.000 | +0.000 | +105,051.941 |
| 05 | +71.587 | +0.000 | +0.000 | +0.000 | +0.000 | +131,241.141 |
| 06 | +70.390 | +0.000 | +0.000 | +0.000 | +0.000 | +131,074.155 |
| 07 | +72.082 | +0.000 | +0.000 | +0.000 | +0.000 | +180,354.548 |
| 08 | +71.752 | +0.000 | +0.000 | +0.000 | +0.000 | +183,759.267 |
| 09 | +70.885 | +0.000 | +0.000 | +0.000 | +0.000 | +180,849.962 |
| 10 | +70.431 | +0.000 | +0.000 | +0.000 | +0.000 | +174,130.231 |
| 11 | +72.000 | +0.000 | +0.000 | +0.000 | +0.000 | +176,310.886 |
| 12 | +72.082 | +0.000 | +0.000 | +0.000 | +0.000 | +162,989.638 |
| 13 | +72.990 | +0.000 | +0.000 | +0.000 | +0.000 | +166,794.170 |
| 14 | +75.880 | +0.000 | +0.000 | +0.000 | +0.000 | +175,700.501 |
| 15 | +79.720 | +0.000 | +0.000 | +0.000 | +0.000 | +90,274.999 |
| 16 | +84.178 | +0.000 | +0.000 | +0.000 | +0.000 | +96,555.164 |
| 17 | +88.844 | +0.000 | +0.000 | +0.000 | +0.000 | +90,092.342 |
| 18 | +91.445 | +0.000 | +0.000 | +0.000 | +0.000 | +104,015.677 |
| 19 | +93.137 | +0.000 | +0.000 | +0.000 | +0.000 | +113,225.141 |
| 20 | +94.169 | +0.000 | +0.000 | +0.000 | +0.000 | +107,737.582 |
| 21 | +94.541 | +0.000 | +0.000 | +0.000 | +0.000 | +113,238.430 |
| 22 | +93.385 | +0.000 | +0.000 | +0.000 | +0.000 | +108,483.680 |
| 23 | +92.889 | +0.000 | +0.000 | +0.000 | +0.000 | +101,794.672 |
| 24 | +92.394 | +0.000 | +0.000 | +0.000 | +0.000 | +96,980.965 |
| 25 | +91.279 | +0.000 | +0.000 | +0.000 | +0.000 | +86,449.591 |
| 26 | +89.711 | +0.000 | +0.000 | +0.000 | +0.000 | +73,951.177 |
| 27 | +88.637 | +0.000 | +0.000 | +0.000 | +0.000 | +74,417.860 |
| 28 | +86.903 | +0.000 | +0.000 | +0.000 | +0.000 | +71,037.269 |
| 29 | +86.614 | +0.000 | +0.000 | +0.000 | +0.000 | +76,241.294 |
| 30 | +85.747 | +0.000 | +0.000 | +0.000 | +0.000 | +73,059.719 |
| 31 | +85.417 | +0.000 | +0.000 | +0.000 | +0.000 | +69,810.157 |
| 32 | +86.036 | +0.000 | +0.000 | +0.000 | +0.000 | +61,028.524 |
| 33 | +87.110 | +0.000 | +0.000 | +0.000 | +0.000 | +63,751.411 |
| 34 | +89.917 | +0.000 | +0.000 | +0.000 | +0.000 | +69,086.589 |
| 35 | +93.756 | +0.000 | +0.000 | +0.000 | +0.000 | +99,991.868 |
| 36 | +95.779 | +0.000 | +0.000 | +0.000 | +0.000 | +110,920.353 |
| 37 | +97.307 | +0.000 | +0.000 | +0.000 | +0.000 | +105,625.001 |
| 38 | +98.711 | +0.000 | +0.000 | +0.000 | +0.000 | +95,949.380 |
| 39 | +98.711 | +0.000 | +0.000 | +0.000 | +0.000 | +82,556.870 |
| 40 | +98.793 | +0.000 | +0.000 | +0.000 | +0.000 | +87,571.923 |
| 41 | +97.885 | +0.000 | +0.000 | +0.000 | +0.000 | +90,907.811 |
| 42 | +96.977 | +0.000 | +0.000 | +0.000 | +0.000 | +84,549.250 |

| | | | | | | |
|----|---------|-------|-------|-------|-------|--------------|
| 43 | +97.224 | +.000 | +.000 | +.000 | +.000 | +83,492.108 |
| 44 | +96.192 | +.000 | +.000 | +.000 | +.000 | +89,560.987 |
| 45 | +95.573 | +.000 | +.000 | +.000 | +.000 | +81,984.461 |
| 46 | +92.270 | +.000 | +.000 | +.000 | +.000 | +63,741.406 |
| 47 | +86.201 | +.000 | +.000 | +.000 | +.000 | +116,700.010 |
| 48 | +80.628 | +.000 | +.000 | +.000 | +.000 | +119,495.791 |