

Date: 26/07/2019

Settlement Day:15/06/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:02

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 76

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|----------------|------------------|
| System Operator Balancing Mechanism Costs | +1,821,552.150 | +107,349,172.360 |
| Balancing Services Contract Cost | +741,597.085 | +60,727,305.534 |
| Balancing Services Cost Variable | +75,756.040 | +15,713,916.145 |
| ESO Incentive Recovery Costs | +40,983.610 | +3,114,754.360 |
| Black Start Capital Costs | +0.000 | +0.000 |
| Black Start Testing Costs | +0.000 | +0.000 |
| Black Start Availability Costs | +123,287.671 | +9,369,862.996 |
| Black Start Other Costs | +0.000 | +0.000 |
| System Operator Internal Costs | +824,071.040 | +62,629,399.040 |
| System Innovation Costs | +0.000 | +0.000 |
| Prior Year Cost Recovery | +0.000 | +0.000 |
| EMR Incentive Revenue | +4,128.420 | +313,759.920 |
| 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 | +62,629,399.040 |
| Total External Costs | +2,807,304.976 | +196,588,771.315 |
| Total Adjusted Energy Volume (MWh) | +1,037,944.493 | |

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 | +20,022.059 | +68,727.658 | +3.43260 |
| 02 | +19,026.427 | +71,624.303 | +3.76446 |
| 03 | +19,120.953 | +88,637.699 | +4.63563 |
| 04 | +18,990.576 | +87,255.981 | +4.59470 |
| 05 | +19,050.772 | +87,831.175 | +4.61037 |
| 06 | +18,624.802 | +80,823.817 | +4.33958 |
| 07 | +18,677.006 | +91,447.690 | +4.89627 |
| 08 | +18,475.739 | +89,202.917 | +4.82811 |
| 09 | +18,481.550 | +87,684.448 | +4.74443 |
| 10 | +17,997.990 | +79,405.236 | +4.41189 |
| 11 | +17,935.626 | +80,748.562 | +4.50213 |
| 12 | +18,214.789 | +84,904.500 | +4.66129 |
| 13 | +18,634.139 | +87,231.397 | +4.68127 |
| 14 | +19,144.174 | +92,801.781 | +4.84752 |
| 15 | +20,198.092 | +86,605.760 | +4.28782 |
| 16 | +21,207.030 | +80,947.596 | +3.81702 |
| 17 | +22,244.559 | +70,400.094 | +3.16482 |
| 18 | +22,838.050 | +80,108.982 | +3.50770 |
| 19 | +23,068.459 | +80,414.098 | +3.48589 |
| 20 | +23,103.128 | +72,024.830 | +3.11754 |
| 21 | +23,241.306 | +69,006.889 | +2.96915 |
| 22 | +23,414.554 | +72,904.260 | +3.11363 |
| 23 | +23,033.633 | +81,293.415 | +3.52934 |
| 24 | +23,022.725 | +83,768.384 | +3.63851 |
| 25 | +23,107.026 | +73,100.830 | +3.16358 |
| 26 | +22,791.640 | +66,078.449 | +2.89924 |
| 27 | +22,635.842 | +61,148.469 | +2.70140 |
| 28 | +22,092.253 | +55,461.993 | +2.51047 |
| 29 | +21,747.294 | +53,400.761 | +2.45551 |
| 30 | +21,140.112 | +44,688.092 | +2.11390 |
| 31 | +20,933.240 | +50,023.368 | +2.38966 |
| 32 | +20,972.435 | +48,904.641 | +2.33185 |
| 33 | +21,484.512 | +61,964.714 | +2.88416 |
| 34 | +22,320.045 | +65,900.678 | +2.95253 |
| 35 | +23,180.895 | +65,488.225 | +2.82509 |
| 36 | +23,925.325 | +72,007.013 | +3.00966 |
| 37 | +24,379.446 | +69,382.003 | +2.84592 |
| 38 | +24,669.496 | +73,315.742 | +2.97192 |
| 39 | +24,899.834 | +89,568.247 | +3.59714 |
| 40 | +24,851.560 | +92,733.094 | +3.73148 |
| 41 | +24,576.738 | +88,976.136 | +3.62034 |
| 42 | +24,356.561 | +75,715.232 | +3.10862 |

| | | | |
|----|-------------|-------------|----------|
| 43 | +23,977.037 | +73,306.297 | +3.05735 |
| 44 | +23,966.206 | +72,691.126 | +3.03307 |
| 45 | +23,732.402 | +78,842.841 | +3.32216 |
| 46 | +22,708.103 | +67,942.384 | +2.99199 |
| 47 | +21,514.850 | +84,843.256 | +3.94347 |
| 48 | +20,213.503 | +90,056.271 | +4.45525 |

Date: 26/07/2019

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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 | +0.01929 | +45,958.69 | +14,305.408 | -10,681.200 | +790.574 | +0.000 |
| 02 | +0.01833 | +50,520.04 | +13,593.475 | -10,681.200 | +751.230 | +0.000 |
| 03 | +0.01842 | +69,075.80 | +13,660.218 | -12,379.630 | +754.918 | +0.000 |
| 04 | +0.01830 | +67,902.17 | +13,571.227 | -12,379.630 | +750.000 | +0.000 |
| 05 | +0.01835 | +67,516.66 | +13,608.307 | -11,505.630 | +752.049 | +0.000 |
| 06 | +0.01794 | +61,220.27 | +13,304.252 | -11,505.630 | +735.246 | +0.000 |
| 07 | +0.01799 | +58,838.31 | +13,341.332 | +1,413.500 | +737.295 | +0.000 |
| 08 | +0.01780 | +56,923.01 | +13,200.428 | +1,413.500 | +729.508 | +0.000 |
| 09 | +0.01781 | +58,715.15 | +13,207.844 | -1,914.450 | +729.918 | +0.000 |
| 10 | +0.01734 | +51,250.95 | +12,859.293 | -1,914.450 | +710.656 | +0.000 |
| 11 | +0.01728 | +54,770.00 | +12,814.798 | -3,986.130 | +708.197 | +0.000 |
| 12 | +0.01755 | +58,457.74 | +13,015.029 | -3,986.130 | +719.262 | +0.000 |
| 13 | +0.01795 | +55,990.51 | +13,311.668 | +114.370 | +735.656 | +0.000 |
| 14 | +0.01844 | +55,776.91 | +13,675.050 | +5,048.660 | +755.738 | +0.000 |
| 15 | +0.01946 | +46,970.14 | +14,431.479 | +5,890.660 | +797.541 | +0.000 |
| 16 | +0.02043 | +39,629.93 | +15,150.828 | +5,890.660 | +837.295 | +0.000 |
| 17 | +0.02143 | +38,540.21 | +15,892.426 | -5,301.190 | +878.279 | +0.000 |
| 18 | +0.02200 | +47,260.68 | +16,315.136 | -5,301.190 | +901.639 | +0.000 |
| 19 | +0.02223 | +43,296.18 | +16,485.703 | -1,430.410 | +911.066 | +0.000 |
| 20 | +0.02226 | +34,854.89 | +16,507.951 | -1,430.410 | +912.295 | +0.000 |
| 21 | +0.02239 | +31,662.57 | +16,604.359 | -1,481.460 | +917.623 | +0.000 |
| 22 | +0.02256 | +35,265.15 | +16,730.430 | -1,481.460 | +924.590 | +0.000 |
| 23 | +0.02219 | +42,965.04 | +16,456.039 | -150.590 | +909.426 | +0.000 |
| 24 | +0.02218 | +45,457.35 | +16,448.623 | -150.590 | +909.016 | +0.000 |
| 25 | +0.02226 | +33,844.19 | +16,507.951 | +656.290 | +912.295 | +0.000 |
| 26 | +0.02196 | +27,342.03 | +16,285.472 | +656.290 | +900.000 | +0.000 |
| 27 | +0.02181 | +22,448.66 | +16,174.232 | +879.790 | +893.853 | +0.000 |
| 28 | +0.02128 | +17,681.24 | +15,781.186 | +879.790 | +872.131 | +0.000 |
| 29 | +0.02095 | +21,142.29 | +15,536.459 | -4,070.250 | +858.607 | +0.000 |
| 30 | +0.02037 | +13,435.38 | +15,106.333 | -4,070.250 | +834.836 | +0.000 |
| 31 | +0.02017 | +5,432.97 | +14,958.013 | +9,614.250 | +826.639 | +0.000 |
| 32 | +0.02021 | +4,244.88 | +14,987.677 | +9,614.250 | +828.279 | +0.000 |
| 33 | +0.02070 | +9,000.22 | +15,351.060 | +17,069.290 | +848.361 | +0.000 |
| 34 | +0.02150 | +11,548.93 | +15,944.337 | +17,069.290 | +881.148 | +0.000 |
| 35 | +0.02233 | +8,140.20 | +16,559.863 | +18,626.290 | +915.164 | +0.000 |
| 36 | +0.02305 | +13,410.46 | +17,093.813 | +18,626.290 | +944.672 | +0.000 |
| 37 | +0.02349 | +14,956.75 | +17,420.116 | +13,692.000 | +962.705 | +0.000 |
| 38 | +0.02377 | +18,404.95 | +17,627.763 | +13,692.000 | +974.180 | +0.000 |
| 39 | +0.02399 | +37,004.61 | +17,790.914 | +10,963.350 | +983.197 | +0.000 |
| 40 | +0.02394 | +35,321.87 | +17,753.834 | +15,897.640 | +981.148 | +0.000 |
| 41 | +0.02368 | +45,892.92 | +17,561.019 | +2,020.490 | +970.492 | +0.000 |
| 42 | +0.02347 | +32,996.17 | +17,405.284 | +2,020.490 | +961.885 | +0.000 |

| | | | | | | |
|----|----------|------------|-------------|------------|----------|-------|
| 43 | +0.02310 | +31,582.94 | +17,130.893 | +1,666.390 | +946.721 | +.000 |
| 44 | +0.02309 | +30,985.11 | +17,123.477 | +1,666.390 | +946.312 | +.000 |
| 45 | +0.02286 | +41,517.55 | +16,952.909 | -2,315.500 | +936.885 | +.000 |
| 46 | +0.02188 | +32,316.48 | +16,226.144 | -2,315.500 | +896.721 | +.000 |
| 47 | +0.02073 | +43,342.53 | +15,373.308 | +5,553.500 | +849.590 | +.000 |
| 48 | +0.01947 | +50,740.47 | +14,438.895 | +5,553.500 | +797.951 | +.000 |

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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 | +2,378.219 | +0.000 | +15,896.330 | +0.000 | +0.000 |
| 02 | +0.000 | +2,259.863 | +0.000 | +15,105.222 | +0.000 | +0.000 |
| 03 | +0.000 | +2,270.959 | +0.000 | +15,179.389 | +0.000 | +0.000 |
| 04 | +0.000 | +2,256.164 | +0.000 | +15,080.500 | +0.000 | +0.000 |
| 05 | +0.000 | +2,262.329 | +0.000 | +15,121.704 | +0.000 | +0.000 |
| 06 | +0.000 | +2,211.781 | +0.000 | +14,783.834 | +0.000 | +0.000 |
| 07 | +0.000 | +2,217.945 | +0.000 | +14,825.038 | +0.000 | +0.000 |
| 08 | +0.000 | +2,194.521 | +0.000 | +14,668.465 | +0.000 | +0.000 |
| 09 | +0.000 | +2,195.753 | +0.000 | +14,676.705 | +0.000 | +0.000 |
| 10 | +0.000 | +2,137.808 | +0.000 | +14,289.392 | +0.000 | +0.000 |
| 11 | +0.000 | +2,130.411 | +0.000 | +14,239.948 | +0.000 | +0.000 |
| 12 | +0.000 | +2,163.699 | +0.000 | +14,462.447 | +0.000 | +0.000 |
| 13 | +0.000 | +2,213.014 | +0.000 | +14,792.075 | +0.000 | +0.000 |
| 14 | +0.000 | +2,273.425 | +0.000 | +15,195.870 | +0.000 | +0.000 |
| 15 | +0.000 | +2,399.178 | +0.000 | +16,036.422 | +0.000 | +0.000 |
| 16 | +0.000 | +2,518.767 | +0.000 | +16,835.771 | +0.000 | +0.000 |
| 17 | +0.000 | +2,642.055 | +0.000 | +17,659.842 | +0.000 | +0.000 |
| 18 | +0.000 | +2,712.329 | +0.000 | +18,129.563 | +0.000 | +0.000 |
| 19 | +0.000 | +2,740.685 | +0.000 | +18,319.099 | +0.000 | +0.000 |
| 20 | +0.000 | +2,744.384 | +0.000 | +18,343.821 | +0.000 | +0.000 |
| 21 | +0.000 | +2,760.411 | +0.000 | +18,450.951 | +0.000 | +0.000 |
| 22 | +0.000 | +2,781.370 | +0.000 | +18,591.043 | +0.000 | +0.000 |
| 23 | +0.000 | +2,735.753 | +0.000 | +18,286.136 | +0.000 | +0.000 |
| 24 | +0.000 | +2,734.521 | +0.000 | +18,277.896 | +0.000 | +0.000 |
| 25 | +0.000 | +2,744.384 | +0.000 | +18,343.821 | +0.000 | +0.000 |
| 26 | +0.000 | +2,707.397 | +0.000 | +18,096.600 | +0.000 | +0.000 |
| 27 | +0.000 | +2,688.904 | +0.000 | +17,972.989 | +0.000 | +0.000 |
| 28 | +0.000 | +2,623.562 | +0.000 | +17,536.232 | +0.000 | +0.000 |
| 29 | +0.000 | +2,582.877 | +0.000 | +17,264.288 | +0.000 | +0.000 |
| 30 | +0.000 | +2,511.370 | +0.000 | +16,786.327 | +0.000 | +0.000 |
| 31 | +0.000 | +2,486.712 | +0.000 | +16,621.513 | +0.000 | +0.000 |
| 32 | +0.000 | +2,491.644 | +0.000 | +16,654.476 | +0.000 | +0.000 |
| 33 | +0.000 | +2,552.055 | +0.000 | +17,058.271 | +0.000 | +0.000 |
| 34 | +0.000 | +2,650.685 | +0.000 | +17,717.527 | +0.000 | +0.000 |
| 35 | +0.000 | +2,753.014 | +0.000 | +18,401.506 | +0.000 | +0.000 |
| 36 | +0.000 | +2,841.781 | +0.000 | +18,994.837 | +0.000 | +0.000 |
| 37 | +0.000 | +2,896.027 | +0.000 | +19,357.429 | +0.000 | +0.000 |
| 38 | +0.000 | +2,930.548 | +0.000 | +19,588.169 | +0.000 | +0.000 |
| 39 | +0.000 | +2,957.671 | +0.000 | +19,769.464 | +0.000 | +0.000 |
| 40 | +0.000 | +2,951.507 | +0.000 | +19,728.261 | +0.000 | +0.000 |
| 41 | +0.000 | +2,919.452 | +0.000 | +19,514.002 | +0.000 | +0.000 |
| 42 | +0.000 | +2,893.562 | +0.000 | +19,340.947 | +0.000 | +0.000 |

| | | | | | | |
|----|-------|------------|-------|-------------|-------|-------|
| 43 | +.000 | +2,847.945 | +.000 | +19,036.041 | +.000 | +.000 |
| 44 | +.000 | +2,846.712 | +.000 | +19,027.800 | +.000 | +.000 |
| 45 | +.000 | +2,818.356 | +.000 | +18,838.264 | +.000 | +.000 |
| 46 | +.000 | +2,697.534 | +.000 | +18,030.674 | +.000 | +.000 |
| 47 | +.000 | +2,555.753 | +.000 | +17,082.993 | +.000 | +.000 |
| 48 | +.000 | +2,400.411 | +.000 | +16,044.663 | +.000 | +.000 |

Date: 26/07/2019

Settlement Day:15/06/2019

SAA Run Number:01

Settlement Run Type:II

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 | +79.637 | +0.000 | +0.000 | +0.000 | +0.000 | +68,727.658 |
| 02 | +75.674 | +0.000 | +0.000 | +0.000 | +0.000 | +71,624.303 |
| 03 | +76.045 | +0.000 | +0.000 | +0.000 | +0.000 | +88,637.699 |
| 04 | +75.550 | +0.000 | +0.000 | +0.000 | +0.000 | +87,255.981 |
| 05 | +75.757 | +0.000 | +0.000 | +0.000 | +0.000 | +87,831.175 |
| 06 | +74.064 | +0.000 | +0.000 | +0.000 | +0.000 | +80,823.817 |
| 07 | +74.270 | +0.000 | +0.000 | +0.000 | +0.000 | +91,447.690 |
| 08 | +73.486 | +0.000 | +0.000 | +0.000 | +0.000 | +89,202.917 |
| 09 | +73.527 | +0.000 | +0.000 | +0.000 | +0.000 | +87,684.448 |
| 10 | +71.587 | +0.000 | +0.000 | +0.000 | +0.000 | +79,405.236 |
| 11 | +71.339 | +0.000 | +0.000 | +0.000 | +0.000 | +80,748.562 |
| 12 | +72.454 | +0.000 | +0.000 | +0.000 | +0.000 | +84,904.500 |
| 13 | +74.105 | +0.000 | +0.000 | +0.000 | +0.000 | +87,231.397 |
| 14 | +76.128 | +0.000 | +0.000 | +0.000 | +0.000 | +92,801.781 |
| 15 | +80.339 | +0.000 | +0.000 | +0.000 | +0.000 | +86,605.760 |
| 16 | +84.344 | +0.000 | +0.000 | +0.000 | +0.000 | +80,947.596 |
| 17 | +88.472 | +0.000 | +0.000 | +0.000 | +0.000 | +70,400.094 |
| 18 | +90.825 | +0.000 | +0.000 | +0.000 | +0.000 | +80,108.982 |
| 19 | +91.775 | +0.000 | +0.000 | +0.000 | +0.000 | +80,414.098 |
| 20 | +91.899 | +0.000 | +0.000 | +0.000 | +0.000 | +72,024.830 |
| 21 | +92.435 | +0.000 | +0.000 | +0.000 | +0.000 | +69,006.889 |
| 22 | +93.137 | +0.000 | +0.000 | +0.000 | +0.000 | +72,904.260 |
| 23 | +91.610 | +0.000 | +0.000 | +0.000 | +0.000 | +81,293.415 |
| 24 | +91.568 | +0.000 | +0.000 | +0.000 | +0.000 | +83,768.384 |
| 25 | +91.899 | +0.000 | +0.000 | +0.000 | +0.000 | +73,100.830 |
| 26 | +90.660 | +0.000 | +0.000 | +0.000 | +0.000 | +66,078.449 |
| 27 | +90.041 | +0.000 | +0.000 | +0.000 | +0.000 | +61,148.469 |
| 28 | +87.853 | +0.000 | +0.000 | +0.000 | +0.000 | +55,461.993 |
| 29 | +86.490 | +0.000 | +0.000 | +0.000 | +0.000 | +53,400.761 |
| 30 | +84.096 | +0.000 | +0.000 | +0.000 | +0.000 | +44,688.092 |
| 31 | +83.270 | +0.000 | +0.000 | +0.000 | +0.000 | +50,023.368 |
| 32 | +83.435 | +0.000 | +0.000 | +0.000 | +0.000 | +48,904.641 |
| 33 | +85.458 | +0.000 | +0.000 | +0.000 | +0.000 | +61,964.714 |
| 34 | +88.761 | +0.000 | +0.000 | +0.000 | +0.000 | +65,900.678 |
| 35 | +92.188 | +0.000 | +0.000 | +0.000 | +0.000 | +65,488.225 |
| 36 | +95.160 | +0.000 | +0.000 | +0.000 | +0.000 | +72,007.013 |
| 37 | +96.977 | +0.000 | +0.000 | +0.000 | +0.000 | +69,382.003 |
| 38 | +98.133 | +0.000 | +0.000 | +0.000 | +0.000 | +73,315.742 |
| 39 | +99.041 | +0.000 | +0.000 | +0.000 | +0.000 | +89,568.247 |
| 40 | +98.834 | +0.000 | +0.000 | +0.000 | +0.000 | +92,733.094 |
| 41 | +97.761 | +0.000 | +0.000 | +0.000 | +0.000 | +88,976.136 |
| 42 | +96.894 | +0.000 | +0.000 | +0.000 | +0.000 | +75,715.232 |

| | | | | | | |
|----|---------|-------|-------|-------|-------|-------------|
| 43 | +95.367 | +.000 | +.000 | +.000 | +.000 | +73,306.297 |
| 44 | +95.325 | +.000 | +.000 | +.000 | +.000 | +72,691.126 |
| 45 | +94.376 | +.000 | +.000 | +.000 | +.000 | +78,842.841 |
| 46 | +90.330 | +.000 | +.000 | +.000 | +.000 | +67,942.384 |
| 47 | +85.582 | +.000 | +.000 | +.000 | +.000 | +84,843.256 |
| 48 | +80.380 | +.000 | +.000 | +.000 | +.000 | +90,056.271 |