

Date: 09/08/2019

Settlement Day:01/08/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 123

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|----------------|--------|
| System Operator Balancing Mechanism Costs | +860,679.540 | + .000 |
| Balancing Services Contract Cost | + .000 | + .000 |
| Balancing Services Cost Variable | +147,378.600 | + .000 |
| ESO Incentive Recovery Costs | + .000 | + .000 |
| Black Start Capital Costs | + .000 | + .000 |
| Black Start Testing Costs | + .000 | + .000 |
| Black Start Availability Costs | + .000 | + .000 |
| Black Start Other Costs | + .000 | + .000 |
| System Operator Internal Costs | + .000 | + .000 |
| System Innovation Costs | + .000 | + .000 |
| Prior Year Cost Recovery | + .000 | + .000 |
| EMR Incentive Revenue | + .000 | + .000 |
| Placeholder Column2 30 Charact | + .000 | + .000 |
| Placeholder Column3 30 Charact | + .000 | + .000 |
| Wind Forecast Incentive | + .000 | + .000 |
| Provision Of Balancing Services to Others | + .000 | + .000 |
| Total Internal Costs | + .000 | + .000 |
| Total External Costs | +1,008,058.140 | + .000 |
| Total Adjusted Energy Volume (MWh) | +1,199,717.781 | |

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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 | +20,072.571 | +62,923.176 | +3.13478 |
| 02 | +19,482.656 | +64,389.697 | +3.30498 |
| 03 | +19,094.167 | +76,509.545 | +4.00696 |
| 04 | +18,730.812 | +74,797.243 | +3.99327 |
| 05 | +18,653.818 | +75,242.034 | +4.03360 |
| 06 | +18,345.708 | +68,486.400 | +3.73310 |
| 07 | +18,496.535 | +66,168.297 | +3.57733 |
| 08 | +18,516.477 | +59,088.287 | +3.19112 |
| 09 | +18,251.105 | +52,875.752 | +2.89713 |
| 10 | +18,499.673 | +59,011.837 | +3.18989 |
| 11 | +18,702.674 | +57,924.623 | +3.09713 |
| 12 | +19,360.646 | +54,172.400 | +2.79807 |
| 13 | +21,417.385 | +55,447.809 | +2.58892 |
| 14 | +23,164.446 | +47,990.323 | +2.07172 |
| 15 | +25,390.584 | +40,511.279 | +1.59552 |
| 16 | +26,609.289 | +41,399.464 | +1.55583 |
| 17 | +27,300.825 | +58,979.230 | +2.16035 |
| 18 | +27,486.347 | +50,703.266 | +1.84467 |
| 19 | +28,025.896 | +49,551.265 | +1.76805 |
| 20 | +28,119.612 | +44,606.703 | +1.58632 |
| 21 | +28,017.724 | +60,475.366 | +2.15847 |
| 22 | +27,891.476 | +59,825.898 | +2.14495 |
| 23 | +27,685.371 | +55,149.152 | +1.99200 |
| 24 | +27,589.952 | +57,190.574 | +2.07288 |
| 25 | +27,417.768 | +64,606.888 | +2.35639 |
| 26 | +27,281.375 | +60,343.760 | +2.21190 |
| 27 | +27,219.372 | +56,992.912 | +2.09384 |
| 28 | +27,061.390 | +62,559.575 | +2.31177 |
| 29 | +26,742.833 | +60,781.121 | +2.27280 |
| 30 | +26,657.355 | +58,354.753 | +2.18907 |
| 31 | +26,607.310 | +47,581.914 | +1.78830 |
| 32 | +26,783.258 | +40,867.080 | +1.52584 |
| 33 | +26,810.662 | +38,175.300 | +1.42389 |
| 34 | +27,538.756 | +49,643.055 | +1.80266 |
| 35 | +28,348.480 | +59,362.979 | +2.09404 |
| 36 | +28,702.946 | +58,770.772 | +2.04755 |
| 37 | +28,997.841 | +60,894.536 | +2.09997 |
| 38 | +29,318.370 | +61,892.909 | +2.11106 |
| 39 | +29,081.907 | +74,630.474 | +2.56622 |
| 40 | +28,945.622 | +67,431.267 | +2.32958 |
| 41 | +29,025.596 | +67,157.295 | +2.31373 |
| 42 | +28,789.235 | +57,400.460 | +1.99382 |

| | | | |
|----|-------------|-------------|----------|
| 43 | +28,586.427 | +59,497.934 | +2.08134 |
| 44 | +28,039.402 | +57,174.015 | +2.03906 |
| 45 | +27,231.967 | +58,518.111 | +2.14888 |
| 46 | +25,561.762 | +48,991.305 | +1.91659 |
| 47 | +22,812.057 | +65,870.300 | +2.88752 |
| 48 | +21,250.341 | +66,115.632 | +3.11127 |

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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 | +0.01673 | +33,305.61 | +0.000 | -312.000 | +0.000 | +0.000 |
| 02 | +0.01624 | +35,648.73 | +0.000 | -312.000 | +0.000 | +0.000 |
| 03 | +0.01592 | +48,019.55 | +0.000 | +9.500 | +0.000 | +0.000 |
| 04 | +0.01561 | +46,861.83 | +0.000 | +9.500 | +0.000 | +0.000 |
| 05 | +0.01555 | +46,619.16 | +0.000 | +804.300 | +0.000 | +0.000 |
| 06 | +0.01529 | +40,328.66 | +0.000 | +804.300 | +0.000 | +0.000 |
| 07 | +0.01542 | +38,328.64 | +0.000 | +253.650 | +0.000 | +0.000 |
| 08 | +0.01543 | +31,230.74 | +0.000 | +253.650 | +0.000 | +0.000 |
| 09 | +0.01521 | +25,663.53 | +0.000 | +1.900 | +0.000 | +0.000 |
| 10 | +0.01542 | +31,423.93 | +0.000 | +1.900 | +0.000 | +0.000 |
| 11 | +0.01559 | +30,988.07 | +0.000 | -953.580 | +0.000 | +0.000 |
| 12 | +0.01614 | +26,251.91 | +0.000 | -953.580 | +0.000 | +0.000 |
| 13 | +0.01785 | +21,106.09 | +0.000 | +2,408.500 | +0.000 | +0.000 |
| 14 | +0.01931 | +6,098.16 | +0.000 | +7,347.040 | +0.000 | +0.000 |
| 15 | +0.02116 | -2,962.99 | +0.000 | +5,619.540 | +0.000 | +0.000 |
| 16 | +0.02218 | -3,899.56 | +0.000 | +5,619.540 | +0.000 | +0.000 |
| 17 | +0.02276 | +13,323.60 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 18 | +0.02291 | +4,779.29 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 19 | +0.02336 | +2,822.25 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 20 | +0.02344 | -2,265.43 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 21 | +0.02335 | +13,764.24 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 22 | +0.02325 | +13,293.67 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 23 | +0.02308 | +19,284.87 | +0.000 | -5,425.280 | +0.000 | +0.000 |
| 24 | +0.02300 | +21,469.41 | +0.000 | -5,425.280 | +0.000 | +0.000 |
| 25 | +0.02285 | +27,362.99 | +0.000 | -3,634.200 | +0.000 | +0.000 |
| 26 | +0.02274 | +23,296.65 | +0.000 | -3,634.200 | +0.000 | +0.000 |
| 27 | +0.02269 | +19,900.66 | +0.000 | -3,499.610 | +0.000 | +0.000 |
| 28 | +0.02256 | +25,699.89 | +0.000 | -3,499.610 | +0.000 | +0.000 |
| 29 | +0.02229 | +20,904.85 | +0.000 | +0.000 | +0.000 | +0.000 |
| 30 | +0.02222 | +18,603.71 | +0.000 | +0.000 | +0.000 | +0.000 |
| 31 | +0.02218 | +7,902.43 | +0.000 | +0.000 | +0.000 | +0.000 |
| 32 | +0.02232 | +937.14 | +0.000 | +0.000 | +0.000 | +0.000 |
| 33 | +0.02235 | -6,746.85 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 34 | +0.02295 | +3,647.52 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 35 | +0.02363 | +12,150.94 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 36 | +0.02392 | +11,039.93 | +0.000 | +4,938.540 | +0.000 | +0.000 |
| 37 | +0.02417 | +17,654.99 | +0.000 | +0.000 | +0.000 | +0.000 |
| 38 | +0.02444 | +18,170.34 | +0.000 | +0.000 | +0.000 | +0.000 |
| 39 | +0.02424 | +17,654.17 | +0.000 | +13,611.530 | +0.000 | +0.000 |
| 40 | +0.02413 | +5,713.21 | +0.000 | +18,550.070 | +0.000 | +0.000 |
| 41 | +0.02419 | +6,246.70 | +0.000 | +17,635.270 | +0.000 | +0.000 |
| 42 | +0.02400 | -3,170.23 | +0.000 | +17,635.270 | +0.000 | +0.000 |

| | | | | | | |
|----|----------|------------|--------|-------------|--------|--------|
| 43 | +0.02383 | +11,928.10 | + .000 | +4,938.540 | + .000 | + .000 |
| 44 | +0.02337 | +10,427.11 | + .000 | +4,938.540 | + .000 | + .000 |
| 45 | +0.02270 | +17,908.36 | + .000 | + .000 | + .000 | + .000 |
| 46 | +0.02131 | +10,868.23 | + .000 | + .000 | + .000 | + .000 |
| 47 | +0.01901 | +19,261.87 | + .000 | +12,600.000 | + .000 | + .000 |
| 48 | +0.01771 | +21,832.87 | + .000 | +12,600.000 | + .000 | + .000 |

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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 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 02 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 03 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 04 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 05 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 06 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 07 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 08 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 09 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 10 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 11 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 12 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 13 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 14 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 15 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 16 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 17 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 18 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 19 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 20 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 21 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 22 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 23 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 24 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 25 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 26 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 27 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 28 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 29 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 30 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 31 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 32 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 33 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 34 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 35 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 36 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 37 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 38 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 39 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 40 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 41 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |
| 42 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 |

| | | | | | | |
|----|-------|-------|-------|-------|-------|-------|
| 43 | +.000 | +.000 | +.000 | +.000 | +.000 | +.000 |
| 44 | +.000 | +.000 | +.000 | +.000 | +.000 | +.000 |
| 45 | +.000 | +.000 | +.000 | +.000 | +.000 | +.000 |
| 46 | +.000 | +.000 | +.000 | +.000 | +.000 | +.000 |
| 47 | +.000 | +.000 | +.000 | +.000 | +.000 | +.000 |
| 48 | +.000 | +.000 | +.000 | +.000 | +.000 | +.000 |

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Settlement Day:01/08/2019

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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 | +62,923.176 |
| 02 | + .000 | + .000 | + .000 | + .000 | + .000 | +64,389.697 |
| 03 | + .000 | + .000 | + .000 | + .000 | + .000 | +76,509.545 |
| 04 | + .000 | + .000 | + .000 | + .000 | + .000 | +74,797.243 |
| 05 | + .000 | + .000 | + .000 | + .000 | + .000 | +75,242.034 |
| 06 | + .000 | + .000 | + .000 | + .000 | + .000 | +68,486.400 |
| 07 | + .000 | + .000 | + .000 | + .000 | + .000 | +66,168.297 |
| 08 | + .000 | + .000 | + .000 | + .000 | + .000 | +59,088.287 |
| 09 | + .000 | + .000 | + .000 | + .000 | + .000 | +52,875.752 |
| 10 | + .000 | + .000 | + .000 | + .000 | + .000 | +59,011.837 |
| 11 | + .000 | + .000 | + .000 | + .000 | + .000 | +57,924.623 |
| 12 | + .000 | + .000 | + .000 | + .000 | + .000 | +54,172.400 |
| 13 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,447.809 |
| 14 | + .000 | + .000 | + .000 | + .000 | + .000 | +47,990.323 |
| 15 | + .000 | + .000 | + .000 | + .000 | + .000 | +40,511.279 |
| 16 | + .000 | + .000 | + .000 | + .000 | + .000 | +41,399.464 |
| 17 | + .000 | + .000 | + .000 | + .000 | + .000 | +58,979.230 |
| 18 | + .000 | + .000 | + .000 | + .000 | + .000 | +50,703.266 |
| 19 | + .000 | + .000 | + .000 | + .000 | + .000 | +49,551.265 |
| 20 | + .000 | + .000 | + .000 | + .000 | + .000 | +44,606.703 |
| 21 | + .000 | + .000 | + .000 | + .000 | + .000 | +60,475.366 |
| 22 | + .000 | + .000 | + .000 | + .000 | + .000 | +59,825.898 |
| 23 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,149.152 |
| 24 | + .000 | + .000 | + .000 | + .000 | + .000 | +57,190.574 |
| 25 | + .000 | + .000 | + .000 | + .000 | + .000 | +64,606.888 |
| 26 | + .000 | + .000 | + .000 | + .000 | + .000 | +60,343.760 |
| 27 | + .000 | + .000 | + .000 | + .000 | + .000 | +56,992.912 |
| 28 | + .000 | + .000 | + .000 | + .000 | + .000 | +62,559.575 |
| 29 | + .000 | + .000 | + .000 | + .000 | + .000 | +60,781.121 |
| 30 | + .000 | + .000 | + .000 | + .000 | + .000 | +58,354.753 |
| 31 | + .000 | + .000 | + .000 | + .000 | + .000 | +47,581.914 |
| 32 | + .000 | + .000 | + .000 | + .000 | + .000 | +40,867.080 |
| 33 | + .000 | + .000 | + .000 | + .000 | + .000 | +38,175.300 |
| 34 | + .000 | + .000 | + .000 | + .000 | + .000 | +49,643.055 |
| 35 | + .000 | + .000 | + .000 | + .000 | + .000 | +59,362.979 |
| 36 | + .000 | + .000 | + .000 | + .000 | + .000 | +58,770.772 |
| 37 | + .000 | + .000 | + .000 | + .000 | + .000 | +60,894.536 |
| 38 | + .000 | + .000 | + .000 | + .000 | + .000 | +61,892.909 |
| 39 | + .000 | + .000 | + .000 | + .000 | + .000 | +74,630.474 |
| 40 | + .000 | + .000 | + .000 | + .000 | + .000 | +67,431.267 |
| 41 | + .000 | + .000 | + .000 | + .000 | + .000 | +67,157.295 |
| 42 | + .000 | + .000 | + .000 | + .000 | + .000 | +57,400.460 |

| | | | | | | |
|----|-------|-------|-------|-------|-------|-------------|
| 43 | +.000 | +.000 | +.000 | +.000 | +.000 | +59,497.934 |
| 44 | +.000 | +.000 | +.000 | +.000 | +.000 | +57,174.015 |
| 45 | +.000 | +.000 | +.000 | +.000 | +.000 | +58,518.111 |
| 46 | +.000 | +.000 | +.000 | +.000 | +.000 | +48,991.305 |
| 47 | +.000 | +.000 | +.000 | +.000 | +.000 | +65,870.300 |
| 48 | +.000 | +.000 | +.000 | +.000 | +.000 | +66,115.632 |