

Date: 26/07/2019

Settlement Day:02/05/2018

SAA Run Number:07

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 32

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

| | | |
|---|----------------|-----------------|
| System Operator Balancing Mechanism Costs | +1,146,997.620 | +28,079,159.350 |
| Balancing Services Contract Cost | +929,593.700 | +30,077,936.850 |
| Balancing Services Cost Variable | +62,925.580 | +4,009,293.880 |
| ESO Incentive Recovery Costs | +41,095.890 | +1,315,068.480 |
| Black Start Capital Costs | +0.000 | +0.000 |
| Black Start Testing Costs | +0.000 | +0.000 |
| Black Start Availability Costs | +104,472.690 | +3,568,381.780 |
| Black Start Other Costs | +0.000 | +513,034.590 |
| System Operator Internal Costs | +529,458.360 | +16,942,667.520 |
| System Innovation Costs | +0.000 | +0.000 |
| Prior Year Cost Recovery | +2,296.840 | +73,498.880 |
| 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 | +16,942,667.520 |
| Total External Costs | +2,287,382.320 | +67,636,373.810 |
| Total Adjusted Energy Volume (MWh) | +1,329,724.730 | |

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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 | +21,373.769 | +99,514.659 | +4.65592 |
| 02 | +20,760.249 | +83,906.577 | +4.04169 |
| 03 | +20,847.471 | +79,139.891 | +3.79614 |
| 04 | +21,396.418 | +77,099.307 | +3.60337 |
| 05 | +21,444.776 | +63,480.664 | +2.96019 |
| 06 | +21,233.764 | +64,970.277 | +3.05976 |
| 07 | +21,112.840 | +63,934.055 | +3.02821 |
| 08 | +20,698.266 | +55,654.550 | +2.68885 |
| 09 | +20,585.154 | +67,762.568 | +3.29182 |
| 10 | +20,689.869 | +73,592.531 | +3.55694 |
| 11 | +21,175.563 | +89,988.641 | +4.24965 |
| 12 | +22,056.618 | +85,906.066 | +3.89480 |
| 13 | +24,240.181 | +99,605.281 | +4.10910 |
| 14 | +26,732.897 | +62,790.166 | +2.34880 |
| 15 | +29,987.152 | +60,412.894 | +2.01463 |
| 16 | +31,867.876 | +70,679.647 | +2.21790 |
| 17 | +32,598.546 | +72,005.962 | +2.20887 |
| 18 | +32,355.107 | +62,676.647 | +1.93715 |
| 19 | +32,802.774 | +74,890.009 | +2.28304 |
| 20 | +32,749.976 | +58,825.413 | +1.79620 |
| 21 | +32,405.763 | +55,387.834 | +1.70920 |
| 22 | +32,118.892 | +65,141.332 | +2.02813 |
| 23 | +31,720.046 | +77,590.877 | +2.44611 |
| 24 | +31,392.388 | +60,749.567 | +1.93517 |
| 25 | +31,058.292 | +49,858.592 | +1.60532 |
| 26 | +30,380.952 | +42,148.274 | +1.38733 |
| 27 | +29,735.691 | +57,697.565 | +1.94035 |
| 28 | +28,946.754 | +55,107.194 | +1.90374 |
| 29 | +28,521.071 | +43,412.860 | +1.52213 |
| 30 | +27,943.642 | +19,729.666 | +0.70605 |
| 31 | +27,629.815 | +36.405 | +0.00132 |
| 32 | +28,014.209 | +8,690.441 | +0.31022 |
| 33 | +28,657.078 | +21,632.562 | +0.75488 |
| 34 | +29,592.292 | +22,577.134 | +0.76294 |
| 35 | +30,197.342 | +17,387.046 | +0.57578 |
| 36 | +30,289.205 | +11,609.770 | +0.38330 |
| 37 | +30,661.904 | +30,705.877 | +1.00143 |
| 38 | +31,118.009 | +51,467.249 | +1.65394 |
| 39 | +31,413.950 | +63,553.001 | +2.02308 |
| 40 | +31,268.921 | +73,677.749 | +2.35626 |
| 41 | +31,247.552 | +76,308.881 | +2.44208 |
| 42 | +31,646.527 | +85,790.646 | +2.71090 |

| | | | |
|----|-------------|--------------|----------|
| 43 | +31,616.155 | +108,309.388 | +3.42576 |
| 44 | +30,147.748 | +70,571.749 | +2.34086 |
| 45 | +28,857.237 | +53,466.269 | +1.85279 |
| 46 | +26,857.112 | +25,955.553 | +0.96643 |
| 47 | +25,419.385 | +43,594.822 | +1.71502 |
| 48 | +24,157.532 | +57,862.641 | +2.39522 |

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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 | +0.01607 | +83,719.16 | +14,938.571 | -10,027.665 | +660.411 | +0.000 |
| 02 | +0.01561 | +68,850.26 | +14,510.958 | -10,027.665 | +641.507 | +0.000 |
| 03 | +0.01568 | +65,120.34 | +14,576.029 | -11,176.915 | +644.384 | +0.000 |
| 04 | +0.01609 | +62,420.92 | +14,957.163 | -11,176.915 | +661.233 | +0.000 |
| 05 | +0.01613 | +48,738.00 | +14,994.346 | -11,176.915 | +662.877 | +0.000 |
| 06 | +0.01597 | +50,484.72 | +14,845.611 | -11,176.915 | +656.301 | +0.000 |
| 07 | +0.01588 | +49,593.12 | +14,761.948 | -11,176.915 | +652.603 | +0.000 |
| 08 | +0.01557 | +41,811.76 | +14,473.774 | -11,176.915 | +639.863 | +0.000 |
| 09 | +0.01548 | +54,864.40 | +14,390.110 | -11,976.915 | +636.164 | +0.000 |
| 10 | +0.01556 | +60,565.81 | +14,464.478 | -11,976.915 | +639.452 | +0.000 |
| 11 | +0.01592 | +74,640.43 | +14,799.132 | -10,233.915 | +654.247 | +0.000 |
| 12 | +0.01659 | +69,481.22 | +15,421.959 | -10,233.915 | +681.781 | +0.000 |
| 13 | +0.01823 | +73,668.59 | +16,946.493 | -3,357.415 | +749.178 | +0.000 |
| 14 | +0.02010 | +26,298.83 | +18,684.833 | +4,192.295 | +826.027 | +0.000 |
| 15 | +0.02255 | +14,229.36 | +20,962.338 | +9,947.545 | +926.712 | +0.000 |
| 16 | +0.02397 | +22,214.29 | +22,282.361 | +9,947.545 | +985.068 | +0.000 |
| 17 | +0.02452 | +23,216.80 | +22,793.638 | +9,387.545 | +1,007.671 | +0.000 |
| 18 | +0.02433 | +14,192.80 | +22,617.015 | +9,387.545 | +999.863 | +0.000 |
| 19 | +0.02467 | +25,859.81 | +22,933.077 | +9,387.545 | +1,013.836 | +0.000 |
| 20 | +0.02463 | +9,859.49 | +22,895.893 | +9,387.545 | +1,012.192 | +0.000 |
| 21 | +0.02437 | +6,839.71 | +22,654.198 | +9,387.545 | +1,001.507 | +0.000 |
| 22 | +0.02415 | +16,946.73 | +22,449.688 | +9,387.545 | +992.466 | +0.000 |
| 23 | +0.02385 | +29,878.35 | +22,170.810 | +9,387.545 | +980.137 | +0.000 |
| 24 | +0.02361 | +13,422.70 | +21,947.707 | +9,387.545 | +970.274 | +0.000 |
| 25 | +0.02336 | +4,771.29 | +21,715.309 | +7,549.710 | +960.000 | +0.000 |
| 26 | +0.02285 | -2,119.50 | +21,241.216 | +7,549.710 | +939.041 | +0.000 |
| 27 | +0.02236 | +14,217.18 | +20,785.715 | +7,549.710 | +918.904 | +0.000 |
| 28 | +0.02177 | +12,574.89 | +20,237.255 | +7,549.710 | +894.658 | +0.000 |
| 29 | +0.02145 | +8,944.48 | +19,939.785 | +0.000 | +881.507 | +0.000 |
| 30 | +0.02101 | -14,031.67 | +19,530.764 | +0.000 | +863.425 | +0.000 |
| 31 | +0.02078 | -33,355.34 | +19,316.957 | +0.000 | +853.973 | +0.000 |
| 32 | +0.02107 | -25,167.31 | +19,586.539 | +0.000 | +865.890 | +0.000 |
| 33 | +0.02155 | -20,546.22 | +20,032.744 | +7,549.710 | +885.616 | +0.000 |
| 34 | +0.02225 | -20,726.49 | +20,683.460 | +7,549.710 | +914.384 | +0.000 |
| 35 | +0.02271 | -26,655.76 | +21,111.073 | +7,549.710 | +933.288 | +0.000 |
| 36 | +0.02278 | -32,545.52 | +21,176.144 | +7,549.710 | +936.164 | +0.000 |
| 37 | +0.02306 | -6,349.64 | +21,436.431 | +0.000 | +947.671 | +0.000 |
| 38 | +0.02340 | +13,865.38 | +21,752.493 | +0.000 | +961.644 | +0.000 |
| 39 | +0.02362 | +25,597.61 | +21,957.003 | +0.000 | +970.685 | +0.000 |
| 40 | +0.02352 | +28,375.84 | +21,864.044 | +7,507.210 | +966.575 | +0.000 |
| 41 | +0.02350 | +31,039.11 | +21,845.452 | +7,507.210 | +965.753 | +0.000 |
| 42 | +0.02380 | +40,038.80 | +22,124.330 | +7,507.210 | +978.082 | +0.000 |

| | | | | | | |
|----|----------|------------|-------------|------------|----------|-------|
| 43 | +0.02378 | +61,989.68 | +22,105.738 | +8,107.210 | +977.260 | +.000 |
| 44 | +0.02267 | +26,035.72 | +21,073.889 | +8,107.210 | +931.644 | +.000 |
| 45 | +0.02170 | +17,996.16 | +20,172.183 | +600.000 | +891.781 | +.000 |
| 46 | +0.02020 | -7,104.18 | +18,777.793 | +600.000 | +830.137 | +.000 |
| 47 | +0.01912 | +13,720.56 | +17,773.832 | -850.000 | +785.753 | +.000 |
| 48 | +0.01817 | +29,514.95 | +16,890.718 | -850.000 | +746.712 | +.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 | +1,678.876 | +0.000 | +8,508.396 | +0.000 | +36.910 |
| 02 | +0.000 | +1,630.819 | +0.000 | +8,264.845 | +0.000 | +35.854 |
| 03 | +0.000 | +1,638.132 | +0.000 | +8,301.907 | +0.000 | +36.014 |
| 04 | +0.000 | +1,680.966 | +0.000 | +8,518.985 | +0.000 | +36.956 |
| 05 | +0.000 | +1,685.144 | +0.000 | +8,540.163 | +0.000 | +37.048 |
| 06 | +0.000 | +1,668.429 | +0.000 | +8,455.450 | +0.000 | +36.681 |
| 07 | +0.000 | +1,659.026 | +0.000 | +8,407.799 | +0.000 | +36.474 |
| 08 | +0.000 | +1,626.640 | +0.000 | +8,243.667 | +0.000 | +35.762 |
| 09 | +0.000 | +1,617.237 | +0.000 | +8,196.015 | +0.000 | +35.555 |
| 10 | +0.000 | +1,625.595 | +0.000 | +8,238.372 | +0.000 | +35.739 |
| 11 | +0.000 | +1,663.205 | +0.000 | +8,428.977 | +0.000 | +36.566 |
| 12 | +0.000 | +1,733.202 | +0.000 | +8,783.714 | +0.000 | +38.105 |
| 13 | +0.000 | +1,904.537 | +0.000 | +9,652.026 | +0.000 | +41.871 |
| 14 | +0.000 | +2,099.901 | +0.000 | +10,642.113 | +0.000 | +46.166 |
| 15 | +0.000 | +2,355.859 | +0.000 | +11,939.286 | +0.000 | +51.794 |
| 16 | +0.000 | +2,504.210 | +0.000 | +12,691.117 | +0.000 | +55.055 |
| 17 | +0.000 | +2,561.670 | +0.000 | +12,982.319 | +0.000 | +56.319 |
| 18 | +0.000 | +2,541.821 | +0.000 | +12,881.722 | +0.000 | +55.882 |
| 19 | +0.000 | +2,577.341 | +0.000 | +13,061.738 | +0.000 | +56.663 |
| 20 | +0.000 | +2,573.162 | +0.000 | +13,040.559 | +0.000 | +56.571 |
| 21 | +0.000 | +2,545.999 | +0.000 | +12,902.900 | +0.000 | +55.974 |
| 22 | +0.000 | +2,523.015 | +0.000 | +12,786.419 | +0.000 | +55.469 |
| 23 | +0.000 | +2,491.674 | +0.000 | +12,627.582 | +0.000 | +54.780 |
| 24 | +0.000 | +2,466.600 | +0.000 | +12,500.512 | +0.000 | +54.228 |
| 25 | +0.000 | +2,440.482 | +0.000 | +12,368.147 | +0.000 | +53.654 |
| 26 | +0.000 | +2,387.201 | +0.000 | +12,098.124 | +0.000 | +52.483 |
| 27 | +0.000 | +2,336.009 | +0.000 | +11,838.689 | +0.000 | +51.357 |
| 28 | +0.000 | +2,274.370 | +0.000 | +11,526.308 | +0.000 | +50.002 |
| 29 | +0.000 | +2,240.939 | +0.000 | +11,356.882 | +0.000 | +49.267 |
| 30 | +0.000 | +2,194.971 | +0.000 | +11,123.920 | +0.000 | +48.257 |
| 31 | +0.000 | +2,170.942 | +0.000 | +11,002.145 | +0.000 | +47.728 |
| 32 | +0.000 | +2,201.240 | +0.000 | +11,155.688 | +0.000 | +48.394 |
| 33 | +0.000 | +2,251.386 | +0.000 | +11,409.828 | +0.000 | +49.497 |
| 34 | +0.000 | +2,324.517 | +0.000 | +11,780.449 | +0.000 | +51.105 |
| 35 | +0.000 | +2,372.575 | +0.000 | +12,023.999 | +0.000 | +52.161 |
| 36 | +0.000 | +2,379.888 | +0.000 | +12,061.061 | +0.000 | +52.322 |
| 37 | +0.000 | +2,409.140 | +0.000 | +12,209.310 | +0.000 | +52.965 |
| 38 | +0.000 | +2,444.661 | +0.000 | +12,389.326 | +0.000 | +53.746 |
| 39 | +0.000 | +2,467.645 | +0.000 | +12,505.806 | +0.000 | +54.251 |
| 40 | +0.000 | +2,457.198 | +0.000 | +12,452.861 | +0.000 | +54.022 |
| 41 | +0.000 | +2,455.108 | +0.000 | +12,442.271 | +0.000 | +53.976 |
| 42 | +0.000 | +2,486.450 | +0.000 | +12,601.109 | +0.000 | +54.665 |

| | | | | | | |
|----|-------|------------|-------|-------------|-------|---------|
| 43 | +.000 | +2,484.361 | +.000 | +12,590.520 | +.000 | +54.619 |
| 44 | +.000 | +2,368.396 | +.000 | +12,002.821 | +.000 | +52.069 |
| 45 | +.000 | +2,267.057 | +.000 | +11,489.246 | +.000 | +49.841 |
| 46 | +.000 | +2,110.348 | +.000 | +10,695.059 | +.000 | +46.396 |
| 47 | +.000 | +1,997.518 | +.000 | +10,123.244 | +.000 | +43.916 |
| 48 | +.000 | +1,898.269 | +.000 | +9,620.258 | +.000 | +41.734 |

Date: 26/07/2019

Settlement Day:02/05/2018

SAA Run Number:07

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 | +99,514.659 |
| 02 | + .000 | + .000 | + .000 | + .000 | + .000 | +83,906.577 |
| 03 | + .000 | + .000 | + .000 | + .000 | + .000 | +79,139.891 |
| 04 | + .000 | + .000 | + .000 | + .000 | + .000 | +77,099.307 |
| 05 | + .000 | + .000 | + .000 | + .000 | + .000 | +63,480.664 |
| 06 | + .000 | + .000 | + .000 | + .000 | + .000 | +64,970.277 |
| 07 | + .000 | + .000 | + .000 | + .000 | + .000 | +63,934.055 |
| 08 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,654.550 |
| 09 | + .000 | + .000 | + .000 | + .000 | + .000 | +67,762.568 |
| 10 | + .000 | + .000 | + .000 | + .000 | + .000 | +73,592.531 |
| 11 | + .000 | + .000 | + .000 | + .000 | + .000 | +89,988.641 |
| 12 | + .000 | + .000 | + .000 | + .000 | + .000 | +85,906.066 |
| 13 | + .000 | + .000 | + .000 | + .000 | + .000 | +99,605.281 |
| 14 | + .000 | + .000 | + .000 | + .000 | + .000 | +62,790.166 |
| 15 | + .000 | + .000 | + .000 | + .000 | + .000 | +60,412.894 |
| 16 | + .000 | + .000 | + .000 | + .000 | + .000 | +70,679.647 |
| 17 | + .000 | + .000 | + .000 | + .000 | + .000 | +72,005.962 |
| 18 | + .000 | + .000 | + .000 | + .000 | + .000 | +62,676.647 |
| 19 | + .000 | + .000 | + .000 | + .000 | + .000 | +74,890.009 |
| 20 | + .000 | + .000 | + .000 | + .000 | + .000 | +58,825.413 |
| 21 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,387.834 |
| 22 | + .000 | + .000 | + .000 | + .000 | + .000 | +65,141.332 |
| 23 | + .000 | + .000 | + .000 | + .000 | + .000 | +77,590.877 |
| 24 | + .000 | + .000 | + .000 | + .000 | + .000 | +60,749.567 |
| 25 | + .000 | + .000 | + .000 | + .000 | + .000 | +49,858.592 |
| 26 | + .000 | + .000 | + .000 | + .000 | + .000 | +42,148.274 |
| 27 | + .000 | + .000 | + .000 | + .000 | + .000 | +57,697.565 |
| 28 | + .000 | + .000 | + .000 | + .000 | + .000 | +55,107.194 |
| 29 | + .000 | + .000 | + .000 | + .000 | + .000 | +43,412.860 |
| 30 | + .000 | + .000 | + .000 | + .000 | + .000 | +19,729.666 |
| 31 | + .000 | + .000 | + .000 | + .000 | + .000 | +36.405 |
| 32 | + .000 | + .000 | + .000 | + .000 | + .000 | +8,690.441 |
| 33 | + .000 | + .000 | + .000 | + .000 | + .000 | +21,632.562 |
| 34 | + .000 | + .000 | + .000 | + .000 | + .000 | +22,577.134 |
| 35 | + .000 | + .000 | + .000 | + .000 | + .000 | +17,387.046 |
| 36 | + .000 | + .000 | + .000 | + .000 | + .000 | +11,609.770 |
| 37 | + .000 | + .000 | + .000 | + .000 | + .000 | +30,705.877 |
| 38 | + .000 | + .000 | + .000 | + .000 | + .000 | +51,467.249 |
| 39 | + .000 | + .000 | + .000 | + .000 | + .000 | +63,553.001 |
| 40 | + .000 | + .000 | + .000 | + .000 | + .000 | +73,677.749 |
| 41 | + .000 | + .000 | + .000 | + .000 | + .000 | +76,308.881 |
| 42 | + .000 | + .000 | + .000 | + .000 | + .000 | +85,790.646 |

| | | | | | | |
|----|-------|-------|-------|-------|-------|--------------|
| 43 | +.000 | +.000 | +.000 | +.000 | +.000 | +108,309.388 |
| 44 | +.000 | +.000 | +.000 | +.000 | +.000 | +70,571.749 |
| 45 | +.000 | +.000 | +.000 | +.000 | +.000 | +53,466.269 |
| 46 | +.000 | +.000 | +.000 | +.000 | +.000 | +25,955.553 |
| 47 | +.000 | +.000 | +.000 | +.000 | +.000 | +43,594.822 |
| 48 | +.000 | +.000 | +.000 | +.000 | +.000 | +57,862.641 |