

Date: 08/08/2019

Settlement Day:31/07/2019

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: 122

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,192,067.210	+150,919,893.030
Balancing Services Contract Cost	+1,030,316.735	+94,438,627.391
Balancing Services Cost Variable	-210,050.420	+35,993,100.455
ESO Incentive Recovery Costs	+40,983.610	+5,000,000.420
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+15,041,095.862
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+100,536,666.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+503,667.240
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	+100,536,666.880
Total External Costs	+3,180,733.226	+301,896,384.398
Total Adjusted Energy Volume (MWh)	+1,165,596.095	

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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	+18,665.264	+90,450.867	+4.84595
02	+18,103.167	+85,843.750	+4.74192
03	+17,997.636	+96,038.039	+5.33615
04	+17,866.821	+97,612.582	+5.46334
05	+17,800.594	+99,551.525	+5.59260
06	+17,743.021	+99,060.545	+5.58307
07	+17,886.743	+105,095.048	+5.87558
08	+17,792.286	+102,527.217	+5.76245
09	+17,803.716	+97,679.385	+5.48646
10	+17,785.349	+96,770.417	+5.44102
11	+17,923.238	+92,737.851	+5.17417
12	+18,543.051	+98,737.919	+5.32479
13	+20,057.103	+90,268.642	+4.50058
14	+21,934.919	+82,949.330	+3.78161
15	+24,545.731	+66,466.624	+2.70787
16	+25,735.576	+70,937.987	+2.75642
17	+26,838.428	+80,137.366	+2.98592
18	+27,212.134	+98,956.438	+3.63648
19	+27,338.251	+96,901.266	+3.54453
20	+27,321.427	+98,422.958	+3.60241
21	+27,094.746	+86,854.949	+3.20560
22	+27,058.125	+80,577.537	+2.97794
23	+26,976.344	+78,248.352	+2.90063
24	+27,050.662	+80,568.317	+2.97842
25	+27,108.804	+83,916.987	+3.09556
26	+26,937.392	+82,231.469	+3.05269
27	+26,615.045	+88,998.468	+3.34392
28	+26,271.194	+92,634.090	+3.52607
29	+25,793.448	+76,237.697	+2.95570
30	+25,705.775	+77,346.374	+3.00891
31	+25,970.171	+68,445.315	+2.63554
32	+26,220.278	+70,983.778	+2.70721
33	+26,628.596	+70,641.914	+2.65286
34	+27,511.644	+75,279.984	+2.73630
35	+28,256.808	+74,852.608	+2.64901
36	+28,573.084	+80,788.731	+2.82744
37	+28,653.638	+76,894.696	+2.68359
38	+28,633.256	+76,902.168	+2.68576
39	+28,374.095	+83,093.407	+2.92850
40	+28,278.748	+81,753.654	+2.89099
41	+28,004.327	+71,165.503	+2.54123
42	+27,784.260	+75,897.853	+2.73169

43	+28,031.264	+74,356.529	+2.65263
44	+27,151.584	+76,796.520	+2.82844
45	+25,866.271	+74,331.444	+2.87368
46	+24,320.533	+59,511.625	+2.44697
47	+22,604.146	+68,430.809	+3.02736
48	+21,227.402	+69,917.730	+3.29375

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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	+0.01601	+43,766.04	+16,495.371	+14,300.000	+656.148	+0.000
02	+0.01553	+40,129.86	+16,000.819	+14,300.000	+636.475	+0.000
03	+0.01544	+51,960.90	+15,908.090	+12,845.300	+632.787	+0.000
04	+0.01533	+53,757.95	+15,794.756	+12,845.300	+628.279	+0.000
05	+0.01527	+53,077.31	+15,732.937	+15,586.250	+625.820	+0.000
06	+0.01522	+52,687.47	+15,681.421	+15,586.250	+623.771	+0.000
07	+0.01535	+58,612.99	+15,815.362	+15,432.270	+629.098	+0.000
08	+0.01526	+56,227.21	+15,722.633	+15,432.270	+625.410	+0.000
09	+0.01527	+52,652.77	+15,732.937	+14,138.650	+625.820	+0.000
10	+0.01526	+51,764.03	+15,722.633	+14,138.650	+625.410	+0.000
11	+0.01538	+48,845.98	+15,846.271	+12,781.400	+630.328	+0.000
12	+0.01591	+53,773.97	+16,392.339	+12,781.400	+652.049	+0.000
13	+0.01721	+43,124.97	+17,731.751	+12,331.500	+705.328	+0.000
14	+0.01882	+27,610.43	+19,390.561	+17,270.040	+771.312	+0.000
15	+0.02106	+19,604.63	+21,698.470	+4,262.090	+863.115	+0.000
16	+0.02208	+22,012.75	+22,749.394	+4,262.090	+904.918	+0.000
17	+0.02303	+47,286.47	+23,728.194	-13,733.900	+943.853	+0.000
18	+0.02335	+65,458.25	+24,057.896	-13,733.900	+956.967	+0.000
19	+0.02345	+65,883.73	+24,160.927	-16,416.830	+961.066	+0.000
20	+0.02344	+67,425.65	+24,150.624	-16,416.830	+960.656	+0.000
21	+0.02325	+56,208.09	+23,954.864	-16,382.950	+952.869	+0.000
22	+0.02321	+50,011.59	+23,913.651	-16,382.950	+951.230	+0.000
23	+0.02314	+46,992.92	+23,841.529	-15,551.870	+948.361	+0.000
24	+0.02321	+49,171.29	+23,913.651	-15,551.870	+951.230	+0.000
25	+0.02326	+51,382.23	+23,965.167	-14,515.280	+953.279	+0.000
26	+0.02311	+50,000.13	+23,810.620	-14,515.280	+947.131	+0.000
27	+0.02283	+57,356.87	+23,522.131	-14,538.640	+935.656	+0.000
28	+0.02254	+61,579.10	+23,223.339	-14,538.640	+923.771	+0.000
29	+0.02213	+46,727.36	+22,800.909	-15,253.950	+906.967	+0.000
30	+0.02205	+47,997.86	+22,718.484	-15,253.950	+903.689	+0.000
31	+0.02228	+38,050.91	+22,955.457	-14,673.300	+913.115	+0.000
32	+0.02250	+40,144.36	+23,182.127	-14,673.300	+922.131	+0.000
33	+0.02285	+40,006.18	+23,542.737	-15,584.960	+936.475	+0.000
34	+0.02360	+43,127.16	+24,315.475	-15,584.960	+967.213	+0.000
35	+0.02424	+36,720.20	+24,974.878	-10,899.960	+993.443	+0.000
36	+0.02451	+42,110.17	+25,253.063	-10,899.960	+1,004.508	+0.000
37	+0.02458	+43,044.33	+25,325.185	-15,869.750	+1,007.377	+0.000
38	+0.02457	+43,072.03	+25,314.882	-15,869.750	+1,006.967	+0.000
39	+0.02434	+33,858.76	+25,077.909	+0.000	+997.541	+0.000
40	+0.02426	+27,742.29	+24,995.484	+4,938.540	+994.262	+0.000
41	+0.02403	+28,134.63	+24,758.511	-5,576.710	+984.836	+0.000
42	+0.02384	+33,251.31	+24,562.751	-5,576.710	+977.049	+0.000

43	+0.02405	+42,935.80	+24,779.117	-17,227.310	+985.656	+.000
44	+0.02329	+46,913.11	+23,996.077	-17,227.310	+954.508	+.000
45	+0.02219	+48,844.64	+22,862.728	-19,398.850	+909.426	+.000
46	+0.02087	+36,694.90	+21,502.710	-19,398.850	+855.328	+.000
47	+0.01939	+35,225.91	+19,977.841	-6,016.950	+794.672	+.000
48	+0.01821	+39,099.72	+18,762.068	-6,016.950	+746.312	+.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	+1,973.836	+0.000	+13,193.377	+0.000	+0.000
02	+0.000	+1,914.658	+0.000	+12,797.823	+0.000	+0.000
03	+0.000	+1,903.562	+0.000	+12,723.657	+0.000	+0.000
04	+0.000	+1,890.000	+0.000	+12,633.009	+0.000	+0.000
05	+0.000	+1,882.603	+0.000	+12,583.565	+0.000	+0.000
06	+0.000	+1,876.438	+0.000	+12,542.361	+0.000	+0.000
07	+0.000	+1,892.466	+0.000	+12,649.490	+0.000	+0.000
08	+0.000	+1,881.370	+0.000	+12,575.324	+0.000	+0.000
09	+0.000	+1,882.603	+0.000	+12,583.565	+0.000	+0.000
10	+0.000	+1,881.370	+0.000	+12,575.324	+0.000	+0.000
11	+0.000	+1,896.164	+0.000	+12,674.213	+0.000	+0.000
12	+0.000	+1,961.507	+0.000	+13,110.970	+0.000	+0.000
13	+0.000	+2,121.781	+0.000	+14,182.263	+0.000	+0.000
14	+0.000	+2,320.274	+0.000	+15,509.017	+0.000	+0.000
15	+0.000	+2,596.438	+0.000	+17,354.936	+0.000	+0.000
16	+0.000	+2,722.192	+0.000	+18,195.489	+0.000	+0.000
17	+0.000	+2,839.315	+0.000	+18,978.356	+0.000	+0.000
18	+0.000	+2,878.767	+0.000	+19,242.059	+0.000	+0.000
19	+0.000	+2,891.096	+0.000	+19,324.466	+0.000	+0.000
20	+0.000	+2,889.863	+0.000	+19,316.225	+0.000	+0.000
21	+0.000	+2,866.438	+0.000	+19,159.652	+0.000	+0.000
22	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
23	+0.000	+2,852.877	+0.000	+19,069.004	+0.000	+0.000
24	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
25	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
26	+0.000	+2,849.178	+0.000	+19,044.282	+0.000	+0.000
27	+0.000	+2,814.658	+0.000	+18,813.542	+0.000	+0.000
28	+0.000	+2,778.904	+0.000	+18,574.561	+0.000	+0.000
29	+0.000	+2,728.356	+0.000	+18,236.692	+0.000	+0.000
30	+0.000	+2,718.493	+0.000	+18,170.766	+0.000	+0.000
31	+0.000	+2,746.849	+0.000	+18,360.303	+0.000	+0.000
32	+0.000	+2,773.973	+0.000	+18,541.598	+0.000	+0.000
33	+0.000	+2,817.123	+0.000	+18,830.023	+0.000	+0.000
34	+0.000	+2,909.589	+0.000	+19,448.077	+0.000	+0.000
35	+0.000	+2,988.493	+0.000	+19,975.482	+0.000	+0.000
36	+0.000	+3,021.781	+0.000	+20,197.981	+0.000	+0.000
37	+0.000	+3,030.411	+0.000	+20,255.666	+0.000	+0.000
38	+0.000	+3,029.178	+0.000	+20,247.425	+0.000	+0.000
39	+0.000	+3,000.822	+0.000	+20,057.889	+0.000	+0.000
40	+0.000	+2,990.959	+0.000	+19,991.963	+0.000	+0.000
41	+0.000	+2,962.603	+0.000	+19,802.427	+0.000	+0.000
42	+0.000	+2,939.178	+0.000	+19,645.854	+0.000	+0.000

43	+.000	+2,965.068	+.000	+19,818.909	+.000	+.000
44	+.000	+2,871.370	+.000	+19,192.615	+.000	+.000
45	+.000	+2,735.753	+.000	+18,286.136	+.000	+.000
46	+.000	+2,573.014	+.000	+17,198.363	+.000	+.000
47	+.000	+2,390.548	+.000	+15,978.737	+.000	+.000
48	+.000	+2,245.068	+.000	+15,006.334	+.000	+.000

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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	+66.096	+0.000	+0.000	+0.000	+0.000	+90,450.867
02	+64.114	+0.000	+0.000	+0.000	+0.000	+85,843.750
03	+63.743	+0.000	+0.000	+0.000	+0.000	+96,038.039
04	+63.289	+0.000	+0.000	+0.000	+0.000	+97,612.582
05	+63.041	+0.000	+0.000	+0.000	+0.000	+99,551.525
06	+62.835	+0.000	+0.000	+0.000	+0.000	+99,060.545
07	+63.371	+0.000	+0.000	+0.000	+0.000	+105,095.048
08	+63.000	+0.000	+0.000	+0.000	+0.000	+102,527.217
09	+63.041	+0.000	+0.000	+0.000	+0.000	+97,679.385
10	+63.000	+0.000	+0.000	+0.000	+0.000	+96,770.417
11	+63.495	+0.000	+0.000	+0.000	+0.000	+92,737.851
12	+65.683	+0.000	+0.000	+0.000	+0.000	+98,737.919
13	+71.050	+0.000	+0.000	+0.000	+0.000	+90,268.642
14	+77.697	+0.000	+0.000	+0.000	+0.000	+82,949.330
15	+86.945	+0.000	+0.000	+0.000	+0.000	+66,466.624
16	+91.156	+0.000	+0.000	+0.000	+0.000	+70,937.987
17	+95.078	+0.000	+0.000	+0.000	+0.000	+80,137.366
18	+96.399	+0.000	+0.000	+0.000	+0.000	+98,956.438
19	+96.811	+0.000	+0.000	+0.000	+0.000	+96,901.266
20	+96.770	+0.000	+0.000	+0.000	+0.000	+98,422.958
21	+95.986	+0.000	+0.000	+0.000	+0.000	+86,854.949
22	+95.821	+0.000	+0.000	+0.000	+0.000	+80,577.537
23	+95.532	+0.000	+0.000	+0.000	+0.000	+78,248.352
24	+95.821	+0.000	+0.000	+0.000	+0.000	+80,568.317
25	+96.027	+0.000	+0.000	+0.000	+0.000	+83,916.987
26	+95.408	+0.000	+0.000	+0.000	+0.000	+82,231.469
27	+94.252	+0.000	+0.000	+0.000	+0.000	+88,998.468
28	+93.055	+0.000	+0.000	+0.000	+0.000	+92,634.090
29	+91.362	+0.000	+0.000	+0.000	+0.000	+76,237.697
30	+91.032	+0.000	+0.000	+0.000	+0.000	+77,346.374
31	+91.981	+0.000	+0.000	+0.000	+0.000	+68,445.315
32	+92.889	+0.000	+0.000	+0.000	+0.000	+70,983.778
33	+94.334	+0.000	+0.000	+0.000	+0.000	+70,641.914
34	+97.431	+0.000	+0.000	+0.000	+0.000	+75,279.984
35	+100.073	+0.000	+0.000	+0.000	+0.000	+74,852.608
36	+101.188	+0.000	+0.000	+0.000	+0.000	+80,788.731
37	+101.477	+0.000	+0.000	+0.000	+0.000	+76,894.696
38	+101.435	+0.000	+0.000	+0.000	+0.000	+76,902.168
39	+100.486	+0.000	+0.000	+0.000	+0.000	+83,093.407
40	+100.155	+0.000	+0.000	+0.000	+0.000	+81,753.654
41	+99.206	+0.000	+0.000	+0.000	+0.000	+71,165.503
42	+98.422	+0.000	+0.000	+0.000	+0.000	+75,897.853

43	+99.289	+.000	+.000	+.000	+.000	+74,356.529
44	+96.151	+.000	+.000	+.000	+.000	+76,796.520
45	+91.610	+.000	+.000	+.000	+.000	+74,331.444
46	+86.160	+.000	+.000	+.000	+.000	+59,511.625
47	+80.050	+.000	+.000	+.000	+.000	+68,430.809
48	+75.179	+.000	+.000	+.000	+.000	+69,917.730