

Date: 08/10/2019

Settlement Day:14/09/2019

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: 167

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+5,254,478.140	+247,629,720.570
Balancing Services Contract Cost	+1,230,348.375	+148,264,204.614
Balancing Services Cost Variable	+412,139.410	+59,570,032.555
ESO Incentive Recovery Costs	+40,983.610	+6,844,262.870
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+115,809.960	+19,208,045.240
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+137,619,863.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+689,446.140
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	+137,619,863.680
Total External Costs	+7,057,887.915	+482,205,711.989
Total Adjusted Energy Volume (MWh)	+983,768.824	

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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	+19,654.355	+83,012.261	+4.22361
02	+18,901.129	+82,416.258	+4.36039
03	+18,339.064	+87,165.384	+4.75299
04	+18,243.489	+92,368.130	+5.06307
05	+18,043.242	+89,632.451	+4.96765
06	+17,665.701	+81,708.582	+4.62527
07	+17,451.294	+78,731.187	+4.51148
08	+17,553.124	+78,285.431	+4.45991
09	+18,142.609	+82,982.996	+4.57393
10	+18,085.151	+78,668.315	+4.34988
11	+18,135.413	+82,189.952	+4.53201
12	+18,449.148	+86,667.031	+4.69762
13	+18,894.783	+94,393.668	+4.99575
14	+19,507.580	+106,562.160	+5.46260
15	+20,648.086	+120,313.836	+5.82688
16	+21,396.612	+155,833.906	+7.28311
17	+21,790.354	+150,214.412	+6.89362
18	+22,029.077	+153,239.434	+6.95623
19	+22,087.552	+179,488.665	+8.12624
20	+21,316.785	+161,445.008	+7.57361
21	+21,047.152	+158,811.553	+7.54551
22	+20,562.848	+150,806.525	+7.33393
23	+20,308.534	+146,332.267	+7.20546
24	+19,726.449	+143,868.605	+7.29318
25	+19,559.132	+157,271.507	+8.04082
26	+19,241.167	+153,568.078	+7.98122
27	+19,138.357	+176,503.470	+9.22250
28	+18,962.770	+182,659.992	+9.63256
29	+19,017.810	+200,769.069	+10.55690
30	+19,112.266	+205,793.374	+10.76761
31	+19,281.547	+211,252.382	+10.95619
32	+19,579.341	+203,526.434	+10.39496
33	+20,011.512	+205,634.394	+10.27580
34	+21,254.029	+216,324.274	+10.17804
35	+22,487.420	+210,941.605	+9.38043
36	+23,247.429	+223,230.767	+9.60239
37	+23,663.366	+234,926.741	+9.92787
38	+24,165.513	+252,707.175	+10.45735
39	+24,225.383	+240,824.759	+9.94101
40	+24,801.444	+244,966.387	+9.87710
41	+24,901.272	+238,329.541	+9.57098
42	+24,196.597	+236,835.129	+9.78795

43	+23,509.679	+234,580.380	+9.97803
44	+22,645.345	+219,334.329	+9.68563
45	+22,015.371	+214,146.751	+9.72715
46	+20,922.034	+197,975.032	+9.46251
47	+20,311.451	+250,499.420	+12.33292
48	+19,539.058	+244,153.490	+12.49566

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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	+0.01998	+15,807.74	+24,582.361	+22,942.000	+818.853	+0.000
02	+0.01921	+16,917.55	+23,634.992	+22,942.000	+787.295	+0.000
03	+0.01864	+25,544.32	+22,933.694	+20,327.100	+763.934	+0.000
04	+0.01854	+30,968.60	+22,810.659	+20,327.100	+759.836	+0.000
05	+0.01834	+27,616.78	+22,564.589	+21,386.310	+751.639	+0.000
06	+0.01796	+20,534.74	+22,097.057	+21,386.310	+736.066	+0.000
07	+0.01774	+18,847.89	+21,826.380	+20,583.140	+727.049	+0.000
08	+0.01784	+18,180.60	+21,949.415	+20,583.140	+731.148	+0.000
09	+0.01844	+24,206.03	+22,687.624	+17,926.070	+755.738	+0.000
10	+0.01838	+20,024.27	+22,613.803	+17,926.070	+753.279	+0.000
11	+0.01843	+19,212.62	+22,675.321	+22,148.590	+755.328	+0.000
12	+0.01875	+22,980.79	+23,069.032	+22,148.590	+768.443	+0.000
13	+0.01921	+27,352.02	+23,634.992	+24,484.940	+787.295	+0.000
14	+0.01983	+33,061.29	+24,397.808	+29,570.650	+812.705	+0.000
15	+0.02099	+67,634.86	+25,825.012	+6,178.960	+860.246	+0.000
16	+0.02175	+101,471.27	+26,760.077	+6,178.960	+891.394	+0.000
17	+0.02215	+106,818.89	+27,252.217	-5,674.290	+907.787	+0.000
18	+0.02239	+109,312.23	+27,547.500	-5,674.290	+917.623	+0.000
19	+0.02245	+133,908.59	+27,621.321	-4,154.340	+920.082	+0.000
20	+0.02167	+117,592.90	+26,661.649	-4,154.340	+888.115	+0.000
21	+0.02139	+114,471.39	+26,317.152	-3,045.990	+876.639	+0.000
22	+0.02090	+107,551.88	+25,714.281	-3,045.990	+856.557	+0.000
23	+0.02064	+110,911.65	+25,394.390	-10,304.030	+845.902	+0.000
24	+0.02005	+109,755.04	+24,668.485	-10,304.030	+821.721	+0.000
25	+0.01988	+121,606.85	+24,459.326	-8,376.330	+814.754	+0.000
26	+0.01956	+118,612.33	+24,065.614	-8,376.330	+801.639	+0.000
27	+0.01945	+140,658.82	+23,930.276	-7,243.740	+797.131	+0.000
28	+0.01928	+147,191.95	+23,721.117	-7,243.740	+790.164	+0.000
29	+0.01933	+162,269.54	+23,782.634	-4,323.020	+792.213	+0.000
30	+0.01943	+165,834.81	+23,905.669	-3,085.520	+796.312	+0.000
31	+0.01960	+171,498.11	+24,114.828	-3,666.420	+803.279	+0.000
32	+0.01990	+163,107.56	+24,483.933	-3,666.420	+815.574	+0.000
33	+0.02034	+150,011.65	+25,025.286	+10,562.700	+833.607	+0.000
34	+0.02160	+157,910.20	+26,575.525	+10,562.700	+885.246	+0.000
35	+0.02286	+154,635.20	+28,125.764	+5,663.700	+936.885	+0.000
36	+0.02363	+165,218.55	+29,073.132	+5,663.700	+968.443	+0.000
37	+0.02405	+174,228.58	+29,589.878	+7,419.200	+985.656	+0.000
38	+0.02456	+190,879.19	+30,217.356	+7,419.200	+1,006.557	+0.000
39	+0.02463	+181,142.40	+30,303.480	+5,118.500	+1,009.426	+0.000
40	+0.02521	+183,999.13	+31,017.083	+5,118.500	+1,033.197	+0.000
41	+0.02531	+179,401.12	+31,140.117	+2,858.130	+1,037.295	+0.000
42	+0.02460	+179,479.60	+30,266.570	+2,858.130	+1,008.197	+0.000

43	+0.02390	+181,377.67	+29,405.326	+256.050	+979.508	+.000
44	+0.02302	+168,081.12	+28,322.620	+256.050	+943.443	+.000
45	+0.02238	+158,418.36	+27,535.197	+6,149.050	+917.213	+.000
46	+0.02127	+144,705.67	+26,169.510	+6,149.050	+871.721	+.000
47	+0.02065	+149,060.80	+25,406.694	+55,691.820	+846.312	+.000
48	+0.01986	+144,464.99	+24,434.719	+55,691.820	+813.934	+.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	+2,313.883	+0.000	+16,464.939	+0.000	+0.000
02	+0.000	+2,224.709	+0.000	+15,830.405	+0.000	+0.000
03	+0.000	+2,158.698	+0.000	+15,360.684	+0.000	+0.000
04	+0.000	+2,147.117	+0.000	+15,278.277	+0.000	+0.000
05	+0.000	+2,123.955	+0.000	+15,113.463	+0.000	+0.000
06	+0.000	+2,079.947	+0.000	+14,800.316	+0.000	+0.000
07	+0.000	+2,054.469	+0.000	+14,619.020	+0.000	+0.000
08	+0.000	+2,066.050	+0.000	+14,701.427	+0.000	+0.000
09	+0.000	+2,135.536	+0.000	+15,195.870	+0.000	+0.000
10	+0.000	+2,128.587	+0.000	+15,146.426	+0.000	+0.000
11	+0.000	+2,134.378	+0.000	+15,187.629	+0.000	+0.000
12	+0.000	+2,171.437	+0.000	+15,451.332	+0.000	+0.000
13	+0.000	+2,224.709	+0.000	+15,830.405	+0.000	+0.000
14	+0.000	+2,296.512	+0.000	+16,341.329	+0.000	+0.000
15	+0.000	+2,430.851	+0.000	+17,297.251	+0.000	+0.000
16	+0.000	+2,518.867	+0.000	+17,923.545	+0.000	+0.000
17	+0.000	+2,565.191	+0.000	+18,253.174	+0.000	+0.000
18	+0.000	+2,592.985	+0.000	+18,450.951	+0.000	+0.000
19	+0.000	+2,599.934	+0.000	+18,500.395	+0.000	+0.000
20	+0.000	+2,509.602	+0.000	+17,857.619	+0.000	+0.000
21	+0.000	+2,477.175	+0.000	+17,626.880	+0.000	+0.000
22	+0.000	+2,420.428	+0.000	+17,223.085	+0.000	+0.000
23	+0.000	+2,390.318	+0.000	+17,008.826	+0.000	+0.000
24	+0.000	+2,321.990	+0.000	+16,522.624	+0.000	+0.000
25	+0.000	+2,302.302	+0.000	+16,382.532	+0.000	+0.000
26	+0.000	+2,265.243	+0.000	+16,118.830	+0.000	+0.000
27	+0.000	+2,252.504	+0.000	+16,028.182	+0.000	+0.000
28	+0.000	+2,232.816	+0.000	+15,888.090	+0.000	+0.000
29	+0.000	+2,238.607	+0.000	+15,929.293	+0.000	+0.000
30	+0.000	+2,250.188	+0.000	+16,011.700	+0.000	+0.000
31	+0.000	+2,269.875	+0.000	+16,151.792	+0.000	+0.000
32	+0.000	+2,304.618	+0.000	+16,399.014	+0.000	+0.000
33	+0.000	+2,355.575	+0.000	+16,761.605	+0.000	+0.000
34	+0.000	+2,501.495	+0.000	+17,799.934	+0.000	+0.000
35	+0.000	+2,647.416	+0.000	+18,838.264	+0.000	+0.000
36	+0.000	+2,736.589	+0.000	+19,472.799	+0.000	+0.000
37	+0.000	+2,785.230	+0.000	+19,818.909	+0.000	+0.000
38	+0.000	+2,844.293	+0.000	+20,239.185	+0.000	+0.000
39	+0.000	+2,852.399	+0.000	+20,296.870	+0.000	+0.000
40	+0.000	+2,919.569	+0.000	+20,774.831	+0.000	+0.000
41	+0.000	+2,931.150	+0.000	+20,857.238	+0.000	+0.000
42	+0.000	+2,848.925	+0.000	+20,272.148	+0.000	+0.000

43	+.000	+2,767.858	+.000	+19,695.298	+.000	+.000
44	+.000	+2,665.945	+.000	+18,970.115	+.000	+.000
45	+.000	+2,591.827	+.000	+18,442.710	+.000	+.000
46	+.000	+2,463.278	+.000	+17,527.991	+.000	+.000
47	+.000	+2,391.476	+.000	+17,017.067	+.000	+.000
48	+.000	+2,299.986	+.000	+16,366.051	+.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	+82.486	+0.000	+0.000	+0.000	+0.000	+83,012.261
02	+79.307	+0.000	+0.000	+0.000	+0.000	+82,416.258
03	+76.954	+0.000	+0.000	+0.000	+0.000	+87,165.384
04	+76.541	+0.000	+0.000	+0.000	+0.000	+92,368.130
05	+75.715	+0.000	+0.000	+0.000	+0.000	+89,632.451
06	+74.146	+0.000	+0.000	+0.000	+0.000	+81,708.582
07	+73.238	+0.000	+0.000	+0.000	+0.000	+78,731.187
08	+73.651	+0.000	+0.000	+0.000	+0.000	+78,285.431
09	+76.128	+0.000	+0.000	+0.000	+0.000	+82,982.996
10	+75.880	+0.000	+0.000	+0.000	+0.000	+78,668.315
11	+76.087	+0.000	+0.000	+0.000	+0.000	+82,189.952
12	+77.408	+0.000	+0.000	+0.000	+0.000	+86,667.031
13	+79.307	+0.000	+0.000	+0.000	+0.000	+94,393.668
14	+81.867	+0.000	+0.000	+0.000	+0.000	+106,562.160
15	+86.656	+0.000	+0.000	+0.000	+0.000	+120,313.836
16	+89.793	+0.000	+0.000	+0.000	+0.000	+155,833.906
17	+91.445	+0.000	+0.000	+0.000	+0.000	+150,214.412
18	+92.435	+0.000	+0.000	+0.000	+0.000	+153,239.434
19	+92.683	+0.000	+0.000	+0.000	+0.000	+179,488.665
20	+89.463	+0.000	+0.000	+0.000	+0.000	+161,445.008
21	+88.307	+0.000	+0.000	+0.000	+0.000	+158,811.553
22	+86.284	+0.000	+0.000	+0.000	+0.000	+150,806.525
23	+85.211	+0.000	+0.000	+0.000	+0.000	+146,332.267
24	+82.775	+0.000	+0.000	+0.000	+0.000	+143,868.605
25	+82.073	+0.000	+0.000	+0.000	+0.000	+157,271.507
26	+80.752	+0.000	+0.000	+0.000	+0.000	+153,568.078
27	+80.298	+0.000	+0.000	+0.000	+0.000	+176,503.470
28	+79.596	+0.000	+0.000	+0.000	+0.000	+182,659.992
29	+79.802	+0.000	+0.000	+0.000	+0.000	+200,769.069
30	+80.215	+0.000	+0.000	+0.000	+0.000	+205,793.374
31	+80.917	+0.000	+0.000	+0.000	+0.000	+211,252.382
32	+82.156	+0.000	+0.000	+0.000	+0.000	+203,526.434
33	+83.972	+0.000	+0.000	+0.000	+0.000	+205,634.394
34	+89.174	+0.000	+0.000	+0.000	+0.000	+216,324.274
35	+94.376	+0.000	+0.000	+0.000	+0.000	+210,941.605
36	+97.555	+0.000	+0.000	+0.000	+0.000	+223,230.767
37	+99.289	+0.000	+0.000	+0.000	+0.000	+234,926.741
38	+101.394	+0.000	+0.000	+0.000	+0.000	+252,707.175
39	+101.683	+0.000	+0.000	+0.000	+0.000	+240,824.759
40	+104.077	+0.000	+0.000	+0.000	+0.000	+244,966.387
41	+104.490	+0.000	+0.000	+0.000	+0.000	+238,329.541
42	+101.559	+0.000	+0.000	+0.000	+0.000	+236,835.129



43	+98.669	+.000	+.000	+.000	+.000	+234,580.380
44	+95.036	+.000	+.000	+.000	+.000	+219,334.329
45	+92.394	+.000	+.000	+.000	+.000	+214,146.751
46	+87.811	+.000	+.000	+.000	+.000	+197,975.032
47	+85.252	+.000	+.000	+.000	+.000	+250,499.420
48	+81.990	+.000	+.000	+.000	+.000	+244,153.490