

Date: 26/07/2019

Settlement Day:15/05/2019

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: 45

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+61,008.610	+56,558,840.910
Balancing Services Contract Cost	+696,763.164	+41,864,300.961
Balancing Services Cost Variable	+179,013.360	+3,961,212.645
ESO Incentive Recovery Costs	+40,983.610	+1,844,262.450
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+112,861.280	+4,973,012.549
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+37,083,196.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+185,778.900
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	+37,083,196.800
Total External Costs	+1,094,758.444	+109,387,408.415
Total Adjusted Energy Volume (MWh)	+1,191,924.339	

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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	+20,791.755	+43,043.883	+2.07024
02	+20,229.442	+36,824.134	+1.82032
03	+20,145.891	+40,342.427	+2.00251
04	+20,312.160	+41,215.000	+2.02908
05	+20,181.072	+37,972.121	+1.88157
06	+19,713.453	+30,287.496	+1.53639
07	+19,637.791	+32,059.678	+1.63255
08	+19,686.041	+31,253.940	+1.58762
09	+19,726.390	+33,424.014	+1.69438
10	+19,806.797	+36,509.531	+1.84328
11	+20,058.151	+47,048.820	+2.34562
12	+21,141.446	+46,255.055	+2.18789
13	+23,864.111	+50,684.216	+2.12387
14	+26,141.789	+62,268.749	+2.38196
15	+27,921.562	+39,466.120	+1.41346
16	+28,680.350	+48,907.209	+1.70525
17	+28,696.384	+56,077.585	+1.95417
18	+27,839.243	+45,388.874	+1.63039
19	+27,431.089	+41,949.991	+1.52929
20	+26,788.921	+33,799.603	+1.26170
21	+26,381.450	+43,071.710	+1.63265
22	+25,831.124	+41,146.599	+1.59291
23	+25,063.739	+37,111.982	+1.48070
24	+24,784.571	+33,426.788	+1.34869
25	+24,594.808	+29,527.299	+1.20055
26	+24,246.373	+29,778.285	+1.22815
27	+23,943.063	+23,029.573	+0.96185
28	+23,717.758	+21,592.470	+0.91039
29	+23,765.873	+15,570.402	+0.65516
30	+23,843.995	+24,076.100	+1.00973
31	+24,223.697	+27,333.119	+1.12836
32	+25,055.548	+29,385.844	+1.17283
33	+26,042.496	+27,556.194	+1.05812
34	+27,031.340	+46,023.204	+1.70259
35	+27,542.303	+63,096.042	+2.29088
36	+28,068.796	+49,162.147	+1.75149
37	+28,933.631	+33,921.828	+1.17240
38	+29,545.367	+32,666.638	+1.10564
39	+29,821.576	+33,211.074	+1.11366
40	+29,820.756	+43,410.324	+1.45571
41	+29,582.358	+46,646.952	+1.57685
42	+29,272.742	+57,312.853	+1.95789

43	+29,022.067	+50,332.393	+1.73428
44	+28,128.009	+35,263.457	+1.25368
45	+26,531.239	+36,951.935	+1.39277
46	+24,522.884	+45,561.271	+1.85791
47	+22,644.485	+63,004.583	+2.78234
48	+21,168.453	+64,879.971	+3.06494

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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	+0.01744	+16,810.61	+12,151.550	-3,045.130	+714.754	+0.000
02	+0.01697	+11,379.90	+11,824.071	-3,045.130	+695.492	+0.000
03	+0.01690	+15,015.71	+11,775.297	-3,045.130	+692.623	+0.000
04	+0.01704	+15,653.25	+11,872.844	-3,045.130	+698.361	+0.000
05	+0.01693	+12,588.29	+11,796.200	-3,038.380	+693.853	+0.000
06	+0.01654	+5,558.40	+11,524.463	-3,038.380	+677.869	+0.000
07	+0.01648	+7,383.06	+11,482.657	-2,990.130	+675.410	+0.000
08	+0.01652	+6,510.17	+11,510.527	-2,990.130	+677.049	+0.000
09	+0.01655	+8,727.63	+11,531.430	-3,087.880	+678.279	+0.000
10	+0.01662	+11,695.63	+11,580.204	-3,087.880	+681.148	+0.000
11	+0.01683	-1,725.63	+11,726.524	+20,520.120	+689.754	+0.000
12	+0.01774	-4,047.11	+12,360.579	+20,520.120	+727.049	+0.000
13	+0.02002	-6,316.63	+13,949.199	+23,391.120	+820.492	+0.000
14	+0.02193	-2,728.69	+15,280.016	+28,181.190	+898.771	+0.000
15	+0.02343	-4,658.41	+16,325.161	+4,790.070	+960.246	+0.000
16	+0.02406	+3,725.03	+16,764.122	+4,790.070	+986.066	+0.000
17	+0.02408	+10,861.83	+16,778.057	+4,790.070	+986.885	+0.000
18	+0.02336	+1,381.86	+16,276.388	+4,790.070	+957.377	+0.000
19	+0.02301	-1,469.44	+16,032.520	+4,790.070	+943.033	+0.000
20	+0.02248	-8,730.06	+15,663.236	+4,790.070	+921.312	+0.000
21	+0.02213	+1,129.63	+15,419.369	+4,790.070	+906.967	+0.000
22	+0.02167	-23.23	+15,098.858	+4,790.070	+888.115	+0.000
23	+0.02103	-2,983.41	+14,652.929	+4,790.070	+861.885	+0.000
24	+0.02079	-6,265.69	+14,485.706	+4,790.070	+852.049	+0.000
25	+0.02063	-9,896.57	+14,374.224	+4,790.070	+845.492	+0.000
26	+0.02034	-9,158.73	+14,172.163	+4,790.070	+833.607	+0.000
27	+0.02009	-15,487.74	+13,997.972	+4,790.070	+823.361	+0.000
28	+0.01990	-16,605.87	+13,865.587	+4,790.070	+815.574	+0.000
29	+0.01994	-17,905.02	+13,893.457	+0.000	+817.213	+0.000
30	+0.02000	-9,500.05	+13,935.263	+0.000	+819.672	+0.000
31	+0.02032	-6,780.25	+14,158.227	+0.000	+832.787	+0.000
32	+0.02102	-5,902.69	+14,645.962	+0.000	+861.475	+0.000
33	+0.02185	-13,915.82	+15,224.275	+4,790.070	+895.492	+0.000
34	+0.02268	+3,157.78	+15,802.589	+4,790.070	+929.508	+0.000
35	+0.02311	+19,508.73	+16,102.197	+4,790.070	+947.131	+0.000
36	+0.02355	+4,836.16	+16,408.773	+4,790.070	+965.164	+0.000
37	+0.02427	-6,822.83	+16,910.442	+0.000	+994.672	+0.000
38	+0.02479	-8,951.00	+17,272.759	+0.000	+1,015.984	+0.000
39	+0.02502	-8,792.69	+17,433.014	+0.000	+1,025.410	+0.000
40	+0.02502	-3,383.51	+17,433.014	+4,790.070	+1,025.410	+0.000
41	+0.02482	+188.88	+17,293.662	+4,790.070	+1,017.213	+0.000
42	+0.02456	+11,291.27	+17,112.503	+4,790.070	+1,006.557	+0.000

43	+0.02435	+4,663.36	+16,966.183	+4,790.070	+997.951	+.000
44	+0.02360	-9,146.47	+16,443.611	+4,790.070	+967.213	+.000
45	+0.02226	-418.32	+15,509.948	+.000	+912.295	+.000
46	+0.02057	+11,187.70	+14,332.418	-159.500	+843.033	+.000
47	+0.01900	+27,706.24	+13,238.500	+3,401.000	+778.689	+.000
48	+0.01776	+31,663.35	+12,374.514	+3,401.000	+727.869	+.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	+1,968.301	+0.000	+14,371.799	+0.000	+0.000
02	+0.000	+1,915.256	+0.000	+13,984.486	+0.000	+0.000
03	+0.000	+1,907.356	+0.000	+13,926.801	+0.000	+0.000
04	+0.000	+1,923.156	+0.000	+14,042.171	+0.000	+0.000
05	+0.000	+1,910.741	+0.000	+13,951.523	+0.000	+0.000
06	+0.000	+1,866.726	+0.000	+13,630.135	+0.000	+0.000
07	+0.000	+1,859.954	+0.000	+13,580.691	+0.000	+0.000
08	+0.000	+1,864.468	+0.000	+13,613.654	+0.000	+0.000
09	+0.000	+1,867.854	+0.000	+13,638.376	+0.000	+0.000
10	+0.000	+1,875.754	+0.000	+13,696.061	+0.000	+0.000
11	+0.000	+1,899.455	+0.000	+13,869.116	+0.000	+0.000
12	+0.000	+2,002.159	+0.000	+14,619.020	+0.000	+0.000
13	+0.000	+2,259.483	+0.000	+16,497.902	+0.000	+0.000
14	+0.000	+2,475.048	+0.000	+18,071.878	+0.000	+0.000
15	+0.000	+2,644.340	+0.000	+19,307.984	+0.000	+0.000
16	+0.000	+2,715.442	+0.000	+19,827.149	+0.000	+0.000
17	+0.000	+2,717.700	+0.000	+19,843.631	+0.000	+0.000
18	+0.000	+2,636.440	+0.000	+19,250.299	+0.000	+0.000
19	+0.000	+2,596.938	+0.000	+18,961.875	+0.000	+0.000
20	+0.000	+2,537.122	+0.000	+18,525.117	+0.000	+0.000
21	+0.000	+2,497.620	+0.000	+18,236.692	+0.000	+0.000
22	+0.000	+2,445.704	+0.000	+17,857.619	+0.000	+0.000
23	+0.000	+2,373.473	+0.000	+17,330.214	+0.000	+0.000
24	+0.000	+2,346.386	+0.000	+17,132.437	+0.000	+0.000
25	+0.000	+2,328.328	+0.000	+17,000.586	+0.000	+0.000
26	+0.000	+2,295.598	+0.000	+16,761.605	+0.000	+0.000
27	+0.000	+2,267.383	+0.000	+16,555.587	+0.000	+0.000
28	+0.000	+2,245.939	+0.000	+16,399.014	+0.000	+0.000
29	+0.000	+2,250.454	+0.000	+16,431.977	+0.000	+0.000
30	+0.000	+2,257.226	+0.000	+16,481.421	+0.000	+0.000
31	+0.000	+2,293.341	+0.000	+16,745.124	+0.000	+0.000
32	+0.000	+2,372.344	+0.000	+17,321.973	+0.000	+0.000
33	+0.000	+2,466.019	+0.000	+18,005.952	+0.000	+0.000
34	+0.000	+2,559.694	+0.000	+18,689.931	+0.000	+0.000
35	+0.000	+2,608.224	+0.000	+19,044.282	+0.000	+0.000
36	+0.000	+2,657.883	+0.000	+19,406.873	+0.000	+0.000
37	+0.000	+2,739.143	+0.000	+20,000.204	+0.000	+0.000
38	+0.000	+2,797.831	+0.000	+20,428.721	+0.000	+0.000
39	+0.000	+2,823.789	+0.000	+20,618.257	+0.000	+0.000
40	+0.000	+2,823.789	+0.000	+20,618.257	+0.000	+0.000
41	+0.000	+2,801.217	+0.000	+20,453.443	+0.000	+0.000
42	+0.000	+2,771.873	+0.000	+20,239.185	+0.000	+0.000

43	+.000	+2,748.172	+.000	+20,066.130	+.000	+.000
44	+.000	+2,663.526	+.000	+19,448.077	+.000	+.000
45	+.000	+2,512.292	+.000	+18,343.821	+.000	+.000
46	+.000	+2,321.557	+.000	+16,951.141	+.000	+.000
47	+.000	+2,144.364	+.000	+15,657.350	+.000	+.000
48	+.000	+2,004.416	+.000	+14,635.502	+.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	+72.000	+ .000	+ .000	+ .000	+ .000	+43,043.883
02	+70.059	+ .000	+ .000	+ .000	+ .000	+36,824.134
03	+69.770	+ .000	+ .000	+ .000	+ .000	+40,342.427
04	+70.348	+ .000	+ .000	+ .000	+ .000	+41,215.000
05	+69.894	+ .000	+ .000	+ .000	+ .000	+37,972.121
06	+68.284	+ .000	+ .000	+ .000	+ .000	+30,287.496
07	+68.036	+ .000	+ .000	+ .000	+ .000	+32,059.678
08	+68.201	+ .000	+ .000	+ .000	+ .000	+31,253.940
09	+68.325	+ .000	+ .000	+ .000	+ .000	+33,424.014
10	+68.614	+ .000	+ .000	+ .000	+ .000	+36,509.531
11	+69.481	+ .000	+ .000	+ .000	+ .000	+47,048.820
12	+73.238	+ .000	+ .000	+ .000	+ .000	+46,255.055
13	+82.651	+ .000	+ .000	+ .000	+ .000	+50,684.216
14	+90.536	+ .000	+ .000	+ .000	+ .000	+62,268.749
15	+96.729	+ .000	+ .000	+ .000	+ .000	+39,466.120
16	+99.330	+ .000	+ .000	+ .000	+ .000	+48,907.209
17	+99.412	+ .000	+ .000	+ .000	+ .000	+56,077.585
18	+96.440	+ .000	+ .000	+ .000	+ .000	+45,388.874
19	+94.995	+ .000	+ .000	+ .000	+ .000	+41,949.991
20	+92.807	+ .000	+ .000	+ .000	+ .000	+33,799.603
21	+91.362	+ .000	+ .000	+ .000	+ .000	+43,071.710
22	+89.463	+ .000	+ .000	+ .000	+ .000	+41,146.599
23	+86.821	+ .000	+ .000	+ .000	+ .000	+37,111.982
24	+85.830	+ .000	+ .000	+ .000	+ .000	+33,426.788
25	+85.169	+ .000	+ .000	+ .000	+ .000	+29,527.299
26	+83.972	+ .000	+ .000	+ .000	+ .000	+29,778.285
27	+82.940	+ .000	+ .000	+ .000	+ .000	+23,029.573
28	+82.156	+ .000	+ .000	+ .000	+ .000	+21,592.470
29	+82.321	+ .000	+ .000	+ .000	+ .000	+15,570.402
30	+82.568	+ .000	+ .000	+ .000	+ .000	+24,076.100
31	+83.889	+ .000	+ .000	+ .000	+ .000	+27,333.119
32	+86.779	+ .000	+ .000	+ .000	+ .000	+29,385.844
33	+90.206	+ .000	+ .000	+ .000	+ .000	+27,556.194
34	+93.633	+ .000	+ .000	+ .000	+ .000	+46,023.204
35	+95.408	+ .000	+ .000	+ .000	+ .000	+63,096.042
36	+97.224	+ .000	+ .000	+ .000	+ .000	+49,162.147
37	+100.197	+ .000	+ .000	+ .000	+ .000	+33,921.828
38	+102.344	+ .000	+ .000	+ .000	+ .000	+32,666.638
39	+103.293	+ .000	+ .000	+ .000	+ .000	+33,211.074
40	+103.293	+ .000	+ .000	+ .000	+ .000	+43,410.324
41	+102.467	+ .000	+ .000	+ .000	+ .000	+46,646.952
42	+101.394	+ .000	+ .000	+ .000	+ .000	+57,312.853



43	+100.527	+.000	+.000	+.000	+.000	+50,332.393
44	+97.431	+.000	+.000	+.000	+.000	+35,263.457
45	+91.899	+.000	+.000	+.000	+.000	+36,951.935
46	+84.922	+.000	+.000	+.000	+.000	+45,561.271
47	+78.440	+.000	+.000	+.000	+.000	+63,004.583
48	+73.321	+.000	+.000	+.000	+.000	+64,879.971