

Date: 29/07/2019

Settlement Day:20/07/2019

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: 111

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,194,430.110	+133,773,099.490
Balancing Services Contract Cost	+744,283.810	+87,081,165.532
Balancing Services Cost Variable	+199,438.980	+29,284,628.405
ESO Incentive Recovery Costs	+40,983.610	+4,549,180.710
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+13,684,931.481
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+91,471,885.440
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+458,254.620
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	+91,471,885.440
Total External Costs	+3,306,552.601	+268,831,260.238
Total Adjusted Energy Volume (MWh)	+952,405.182	

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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	+18,654.166	+121,425.302	+6.50929
02	+17,841.703	+110,134.733	+6.17288
03	+17,624.867	+115,126.327	+6.53204
04	+17,293.572	+100,853.203	+5.83183
05	+17,293.535	+108,893.153	+6.29675
06	+17,183.844	+107,193.152	+6.23802
07	+17,053.104	+102,450.424	+6.00773
08	+16,996.206	+104,186.909	+6.13001
09	+17,055.208	+110,075.104	+6.45405
10	+17,028.804	+112,235.551	+6.59092
11	+16,641.014	+104,122.732	+6.25699
12	+16,807.705	+105,643.928	+6.28545
13	+17,175.110	+86,684.075	+5.04708
14	+17,959.095	+115,610.261	+6.43742
15	+18,491.209	+84,298.923	+4.55886
16	+19,563.393	+75,794.298	+3.87429
17	+20,758.184	+83,102.529	+4.00336
18	+21,324.680	+91,066.894	+4.27049
19	+21,678.444	+97,615.064	+4.50286
20	+21,550.669	+88,827.125	+4.12178
21	+21,653.290	+82,500.748	+3.81008
22	+21,706.212	+69,173.166	+3.18679
23	+21,407.546	+54,284.722	+2.53578
24	+21,091.693	+45,361.403	+2.15068
25	+21,049.731	+54,107.546	+2.57046
26	+20,675.658	+61,542.881	+2.97659
27	+20,285.325	+81,029.972	+3.99451
28	+19,674.312	+81,519.549	+4.14345
29	+19,277.487	+68,840.172	+3.57101
30	+19,016.102	+82,498.658	+4.33836
31	+18,883.339	+83,203.643	+4.40619
32	+19,042.195	+70,754.833	+3.71569
33	+19,389.981	+83,306.663	+4.29638
34	+20,191.831	+84,017.346	+4.16096
35	+21,090.394	+80,761.756	+3.82931
36	+21,577.681	+70,327.358	+3.25926
37	+21,864.927	+67,655.854	+3.09426
38	+22,328.813	+73,627.387	+3.29742
39	+22,618.938	+79,263.771	+3.50431
40	+22,572.208	+84,444.763	+3.74109
41	+22,273.930	+93,828.659	+4.21249
42	+22,000.125	+91,580.480	+4.16273

43	+22,074.001	+83,371.090	+3.77689
44	+22,242.030	+86,413.199	+3.88513
45	+21,894.726	+67,611.497	+3.08803
46	+21,097.635	+51,633.863	+2.44738
47	+20,240.678	+86,256.194	+4.26153
48	+19,209.882	+86,436.249	+4.49957

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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	+0.01959	+63,845.13	+14,580.520	+23,557.150	+802.869	+.000
02	+0.01873	+54,048.17	+13,940.436	+23,557.150	+767.623	+.000
03	+0.01851	+60,498.93	+13,776.693	+22,480.070	+758.607	+.000
04	+0.01816	+46,833.67	+13,516.194	+22,480.070	+744.262	+.000
05	+0.01816	+57,278.92	+13,516.194	+20,074.770	+744.262	+.000
06	+0.01804	+55,787.33	+13,426.880	+20,074.770	+739.344	+.000
07	+0.01791	+50,527.25	+13,330.123	+20,817.900	+734.016	+.000
08	+0.01785	+52,367.94	+13,285.466	+20,817.900	+731.557	+.000
09	+0.01791	+63,348.43	+13,330.123	+15,621.400	+734.016	+.000
10	+0.01788	+65,560.98	+13,307.795	+15,621.400	+732.787	+.000
11	+0.01747	+58,333.73	+13,002.638	+15,447.900	+715.984	+.000
12	+0.01765	+59,542.31	+13,136.609	+15,447.900	+723.361	+.000
13	+0.01803	+45,264.62	+13,419.437	+10,105.770	+738.934	+.000
14	+0.01886	+67,696.76	+14,037.193	+15,158.310	+772.951	+.000
15	+0.01942	+42,087.71	+14,453.992	+8,483.440	+795.902	+.000
16	+0.02054	+31,637.92	+15,287.589	+8,483.440	+841.803	+.000
17	+0.02180	+51,375.94	+16,225.387	-6,134.660	+893.443	+.000
18	+0.02239	+58,315.62	+16,664.515	-6,134.660	+917.623	+.000
19	+0.02276	+61,555.54	+16,939.900	-3,469.010	+932.787	+.000
20	+0.02263	+52,993.38	+16,843.143	-3,469.010	+927.459	+.000
21	+0.02274	+45,975.41	+16,925.014	-2,968.460	+931.967	+.000
22	+0.02279	+32,560.99	+16,962.228	-2,968.460	+934.016	+.000
23	+0.02248	+17,174.29	+16,731.500	-1,931.810	+921.312	+.000
24	+0.02215	+8,824.10	+16,485.886	-1,931.810	+907.787	+.000
25	+0.02210	+18,626.48	+16,448.672	-2,901.210	+905.738	+.000
26	+0.02171	+26,739.15	+16,158.402	-2,901.210	+889.754	+.000
27	+0.02130	+48,690.56	+15,853.245	-4,653.460	+872.951	+.000
28	+0.02066	+50,291.66	+15,376.904	-4,653.460	+846.721	+.000
29	+0.02024	+47,923.26	+15,064.304	-14,235.000	+829.508	+.000
30	+0.01997	+62,050.67	+14,863.348	-14,235.000	+818.443	+.000
31	+0.01983	+63,755.80	+14,759.148	-14,992.000	+812.705	+.000
32	+0.01999	+51,029.11	+14,878.233	-14,992.000	+819.262	+.000
33	+0.02036	+52,006.80	+15,153.618	-4,060.460	+834.426	+.000
34	+0.02120	+51,258.61	+15,778.817	-4,060.460	+868.853	+.000
35	+0.02214	+46,940.97	+16,478.444	-4,630.960	+907.377	+.000
36	+0.02266	+35,603.46	+16,865.471	-4,630.960	+928.689	+.000
37	+0.02296	+35,971.72	+17,088.756	-8,191.750	+940.984	+.000
38	+0.02344	+41,109.61	+17,446.013	-8,191.750	+960.656	+.000
39	+0.02375	+45,911.10	+17,676.740	-7,895.250	+973.361	+.000
40	+0.02370	+46,126.39	+17,639.526	-2,842.710	+971.312	+.000
41	+0.02339	+56,248.93	+17,408.798	-3,042.960	+958.607	+.000
42	+0.02310	+54,504.41	+17,192.956	-3,042.960	+946.721	+.000

43	+0.02318	+46,300.33	+17,252.499	-3,187.210	+950.000	+.000
44	+0.02335	+49,047.19	+17,379.027	-3,187.210	+956.967	+.000
45	+0.02299	+35,689.51	+17,111.085	-8,006.000	+942.213	+.000
46	+0.02215	+21,170.75	+16,485.886	-8,006.000	+907.787	+.000
47	+0.02125	+971.41	+15,816.031	+48,378.750	+870.902	+.000
48	+0.02017	+3,027.16	+15,012.204	+48,378.750	+826.639	+.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	+2,415.205	+0.000	+16,143.552	+0.000	+0.000
02	+0.000	+2,309.178	+0.000	+15,434.851	+0.000	+0.000
03	+0.000	+2,282.055	+0.000	+15,253.555	+0.000	+0.000
04	+0.000	+2,238.904	+0.000	+14,965.130	+0.000	+0.000
05	+0.000	+2,238.904	+0.000	+14,965.130	+0.000	+0.000
06	+0.000	+2,224.110	+0.000	+14,866.242	+0.000	+0.000
07	+0.000	+2,208.082	+0.000	+14,759.112	+0.000	+0.000
08	+0.000	+2,200.685	+0.000	+14,709.668	+0.000	+0.000
09	+0.000	+2,208.082	+0.000	+14,759.112	+0.000	+0.000
10	+0.000	+2,204.384	+0.000	+14,734.390	+0.000	+0.000
11	+0.000	+2,153.836	+0.000	+14,396.521	+0.000	+0.000
12	+0.000	+2,176.027	+0.000	+14,544.854	+0.000	+0.000
13	+0.000	+2,222.877	+0.000	+14,858.001	+0.000	+0.000
14	+0.000	+2,325.205	+0.000	+15,541.980	+0.000	+0.000
15	+0.000	+2,394.247	+0.000	+16,003.460	+0.000	+0.000
16	+0.000	+2,532.329	+0.000	+16,926.419	+0.000	+0.000
17	+0.000	+2,687.671	+0.000	+17,964.749	+0.000	+0.000
18	+0.000	+2,760.411	+0.000	+18,450.951	+0.000	+0.000
19	+0.000	+2,806.027	+0.000	+18,755.857	+0.000	+0.000
20	+0.000	+2,790.000	+0.000	+18,648.728	+0.000	+0.000
21	+0.000	+2,803.562	+0.000	+18,739.375	+0.000	+0.000
22	+0.000	+2,809.726	+0.000	+18,780.579	+0.000	+0.000
23	+0.000	+2,771.507	+0.000	+18,525.117	+0.000	+0.000
24	+0.000	+2,730.822	+0.000	+18,253.174	+0.000	+0.000
25	+0.000	+2,724.658	+0.000	+18,211.970	+0.000	+0.000
26	+0.000	+2,676.575	+0.000	+17,890.582	+0.000	+0.000
27	+0.000	+2,626.027	+0.000	+17,552.713	+0.000	+0.000
28	+0.000	+2,547.123	+0.000	+17,025.308	+0.000	+0.000
29	+0.000	+2,495.342	+0.000	+16,679.198	+0.000	+0.000
30	+0.000	+2,462.055	+0.000	+16,456.699	+0.000	+0.000
31	+0.000	+2,444.795	+0.000	+16,341.329	+0.000	+0.000
32	+0.000	+2,464.521	+0.000	+16,473.180	+0.000	+0.000
33	+0.000	+2,510.137	+0.000	+16,778.086	+0.000	+0.000
34	+0.000	+2,613.699	+0.000	+17,470.306	+0.000	+0.000
35	+0.000	+2,729.589	+0.000	+18,244.933	+0.000	+0.000
36	+0.000	+2,793.699	+0.000	+18,673.450	+0.000	+0.000
37	+0.000	+2,830.685	+0.000	+18,920.671	+0.000	+0.000
38	+0.000	+2,889.863	+0.000	+19,316.225	+0.000	+0.000
39	+0.000	+2,928.082	+0.000	+19,571.687	+0.000	+0.000
40	+0.000	+2,921.918	+0.000	+19,530.484	+0.000	+0.000
41	+0.000	+2,883.699	+0.000	+19,275.022	+0.000	+0.000
42	+0.000	+2,847.945	+0.000	+19,036.041	+0.000	+0.000

43	+.000	+2,857.808	+.000	+19,101.967	+.000	+.000
44	+.000	+2,878.767	+.000	+19,242.059	+.000	+.000
45	+.000	+2,834.384	+.000	+18,945.393	+.000	+.000
46	+.000	+2,730.822	+.000	+18,253.174	+.000	+.000
47	+.000	+2,619.863	+.000	+17,511.510	+.000	+.000
48	+.000	+2,486.712	+.000	+16,621.513	+.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	+80.876	+0.000	+0.000	+0.000	+0.000	+121,425.302
02	+77.325	+0.000	+0.000	+0.000	+0.000	+110,134.733
03	+76.417	+0.000	+0.000	+0.000	+0.000	+115,126.327
04	+74.972	+0.000	+0.000	+0.000	+0.000	+100,853.203
05	+74.972	+0.000	+0.000	+0.000	+0.000	+108,893.153
06	+74.477	+0.000	+0.000	+0.000	+0.000	+107,193.152
07	+73.940	+0.000	+0.000	+0.000	+0.000	+102,450.424
08	+73.692	+0.000	+0.000	+0.000	+0.000	+104,186.909
09	+73.940	+0.000	+0.000	+0.000	+0.000	+110,075.104
10	+73.816	+0.000	+0.000	+0.000	+0.000	+112,235.551
11	+72.123	+0.000	+0.000	+0.000	+0.000	+104,122.732
12	+72.867	+0.000	+0.000	+0.000	+0.000	+105,643.928
13	+74.435	+0.000	+0.000	+0.000	+0.000	+86,684.075
14	+77.862	+0.000	+0.000	+0.000	+0.000	+115,610.261
15	+80.174	+0.000	+0.000	+0.000	+0.000	+84,298.923
16	+84.798	+0.000	+0.000	+0.000	+0.000	+75,794.298
17	+90.000	+0.000	+0.000	+0.000	+0.000	+83,102.529
18	+92.435	+0.000	+0.000	+0.000	+0.000	+91,066.894
19	+93.963	+0.000	+0.000	+0.000	+0.000	+97,615.064
20	+93.426	+0.000	+0.000	+0.000	+0.000	+88,827.125
21	+93.880	+0.000	+0.000	+0.000	+0.000	+82,500.748
22	+94.087	+0.000	+0.000	+0.000	+0.000	+69,173.166
23	+92.807	+0.000	+0.000	+0.000	+0.000	+54,284.722
24	+91.445	+0.000	+0.000	+0.000	+0.000	+45,361.403
25	+91.238	+0.000	+0.000	+0.000	+0.000	+54,107.546
26	+89.628	+0.000	+0.000	+0.000	+0.000	+61,542.881
27	+87.935	+0.000	+0.000	+0.000	+0.000	+81,029.972
28	+85.293	+0.000	+0.000	+0.000	+0.000	+81,519.549
29	+83.559	+0.000	+0.000	+0.000	+0.000	+68,840.172
30	+82.445	+0.000	+0.000	+0.000	+0.000	+82,498.658
31	+81.867	+0.000	+0.000	+0.000	+0.000	+83,203.643
32	+82.527	+0.000	+0.000	+0.000	+0.000	+70,754.833
33	+84.055	+0.000	+0.000	+0.000	+0.000	+83,306.663
34	+87.523	+0.000	+0.000	+0.000	+0.000	+84,017.346
35	+91.403	+0.000	+0.000	+0.000	+0.000	+80,761.756
36	+93.550	+0.000	+0.000	+0.000	+0.000	+70,327.358
37	+94.789	+0.000	+0.000	+0.000	+0.000	+67,655.854
38	+96.770	+0.000	+0.000	+0.000	+0.000	+73,627.387
39	+98.050	+0.000	+0.000	+0.000	+0.000	+79,263.771
40	+97.844	+0.000	+0.000	+0.000	+0.000	+84,444.763
41	+96.564	+0.000	+0.000	+0.000	+0.000	+93,828.659
42	+95.367	+0.000	+0.000	+0.000	+0.000	+91,580.480



43	+95.697	+.000	+.000	+.000	+.000	+83,371.090
44	+96.399	+.000	+.000	+.000	+.000	+86,413.199
45	+94.912	+.000	+.000	+.000	+.000	+67,611.497
46	+91.445	+.000	+.000	+.000	+.000	+51,633.863
47	+87.729	+.000	+.000	+.000	+.000	+86,256.194
48	+83.270	+.000	+.000	+.000	+.000	+86,436.249