

Date: 26/07/2019

Settlement Day:18/07/2019

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: 109

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+186,095.400	+131,203,099.840
Balancing Services Contract Cost	+708,060.885	+85,299,458.101
Balancing Services Cost Variable	+399,837.280	+28,610,661.945
ESO Incentive Recovery Costs	+40,983.610	+4,467,213.490
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+13,438,356.139
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+89,823,743.360
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+449,997.780
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	+89,823,743.360
Total External Costs	+1,462,393.266	+263,468,787.295
Total Adjusted Energy Volume (MWh)	+1,165,010.281	

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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	+20,131.344	+32,247.587	+1.60186
02	+19,709.731	+47,558.015	+2.41292
03	+19,291.316	+60,036.174	+3.11208
04	+18,944.090	+62,370.614	+3.29235
05	+18,727.935	+64,805.059	+3.46034
06	+18,489.957	+57,251.917	+3.09638
07	+18,300.878	+50,226.992	+2.74451
08	+18,371.821	+52,239.734	+2.84347
09	+18,458.184	+56,608.081	+3.06683
10	+18,485.395	+55,914.217	+3.02478
11	+18,916.369	+55,348.134	+2.92594
12	+19,710.536	+58,674.045	+2.97679
13	+21,086.726	+56,136.242	+2.66216
14	+23,174.355	+59,340.184	+2.56060
15	+25,893.395	+43,152.058	+1.66653
16	+27,053.362	+56,064.804	+2.07238
17	+27,505.812	+55,935.512	+2.03359
18	+27,603.345	+56,109.464	+2.03271
19	+27,739.756	+55,154.208	+1.98827
20	+27,539.522	+58,227.898	+2.11434
21	+27,414.491	+47,914.899	+1.74779
22	+27,290.767	+42,758.926	+1.56679
23	+26,913.618	+31,890.431	+1.18492
24	+26,647.867	+22,517.068	+0.84499
25	+26,511.976	+32,042.580	+1.20861
26	+26,145.846	+32,623.090	+1.24774
27	+26,178.301	+42,928.866	+1.63986
28	+25,604.758	+48,092.175	+1.87825
29	+25,428.546	+38,778.295	+1.52499
30	+25,192.718	+31,730.514	+1.25951
31	+24,694.446	+21,876.320	+0.88588
32	+25,279.973	+31,101.596	+1.23029
33	+25,652.229	+34,185.616	+1.33266
34	+26,168.972	+40,010.930	+1.52895
35	+26,758.605	+40,910.291	+1.52886
36	+27,261.887	+40,423.350	+1.48278
37	+27,396.377	+39,025.734	+1.42449
38	+27,474.338	+40,010.926	+1.45630
39	+27,346.002	+42,769.597	+1.56402
40	+27,538.295	+58,268.138	+2.11589
41	+27,232.828	+62,975.459	+2.31248
42	+26,853.976	+53,363.114	+1.98716

43	+26,719.198	+52,494.510	+1.96467
44	+26,326.124	+56,588.065	+2.14950
45	+25,523.378	+50,385.748	+1.97410
46	+24,297.127	+47,653.660	+1.96129
47	+22,816.371	+60,997.289	+2.67340
48	+21,207.438	+48,763.186	+2.29934

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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	+0.01728	-5,020.60	+12,235.292	+7,883.000	+708.197	+0.000
02	+0.01692	+10,902.02	+11,980.390	+7,883.000	+693.443	+0.000
03	+0.01656	+22,710.62	+11,725.488	+9,164.750	+678.689	+0.000
04	+0.01626	+25,555.22	+11,513.070	+9,164.750	+666.393	+0.000
05	+0.01608	+27,544.76	+11,385.619	+9,915.750	+659.016	+0.000
06	+0.01587	+20,348.73	+11,236.926	+9,915.750	+650.410	+0.000
07	+0.01571	+12,766.64	+11,123.637	+10,745.000	+643.853	+0.000
08	+0.01577	+14,677.35	+11,166.120	+10,745.000	+646.312	+0.000
09	+0.01584	+19,389.41	+11,215.684	+10,282.250	+649.180	+0.000
10	+0.01587	+18,644.53	+11,236.926	+10,282.250	+650.410	+0.000
11	+0.01624	+14,591.00	+11,498.909	+13,140.500	+665.574	+0.000
12	+0.01692	+16,760.55	+11,980.390	+13,140.500	+693.443	+0.000
13	+0.01810	+7,532.87	+12,815.902	+17,823.750	+741.803	+0.000
14	+0.01989	+2,683.34	+14,083.331	+22,833.270	+815.164	+0.000
15	+0.02223	+339.72	+15,740.193	+5,009.520	+911.066	+0.000
16	+0.02322	+11,568.94	+16,441.174	+5,009.520	+951.639	+0.000
17	+0.02361	+10,776.44	+16,717.317	+5,009.520	+967.623	+0.000
18	+0.02369	+10,814.35	+16,773.962	+5,009.520	+970.902	+0.000
19	+0.02381	+9,655.03	+16,858.930	+5,009.520	+975.820	+0.000
20	+0.02364	+13,017.81	+16,738.559	+5,009.520	+968.853	+0.000
21	+0.02353	+2,891.87	+16,660.673	+5,009.520	+964.344	+0.000
22	+0.02343	-2,094.05	+16,589.867	+5,009.520	+960.246	+0.000
23	+0.02310	-12,401.37	+16,356.206	+5,009.520	+946.721	+0.000
24	+0.02287	-21,383.61	+16,193.352	+5,009.520	+937.295	+0.000
25	+0.02276	-11,671.04	+16,115.466	+5,009.520	+932.787	+0.000
26	+0.02244	-10,546.36	+15,888.886	+5,009.520	+919.672	+0.000
27	+0.02247	-291.60	+15,910.128	+5,009.520	+920.902	+0.000
28	+0.02198	+5,704.97	+15,563.178	+5,009.520	+900.820	+0.000
29	+0.02183	+1,655.69	+15,456.969	+0.000	+894.672	+0.000
30	+0.02162	-5,034.98	+15,308.276	+0.000	+886.066	+0.000
31	+0.02120	-31,797.35	+15,010.891	+17,622.400	+868.853	+0.000
32	+0.02170	-23,422.34	+15,364.921	+17,622.400	+889.344	+0.000
33	+0.02202	-24,418.11	+15,591.501	+21,158.020	+902.459	+0.000
34	+0.02246	-19,341.03	+15,903.047	+21,158.020	+920.492	+0.000
35	+0.02297	-7,960.44	+16,264.159	+9,809.520	+941.394	+0.000
36	+0.02340	-9,178.61	+16,568.625	+9,809.520	+959.016	+0.000
37	+0.02352	-6,370.77	+16,653.592	+5,400.000	+963.935	+0.000
38	+0.02358	-5,487.61	+16,696.076	+5,400.000	+966.394	+0.000
39	+0.02347	+2,858.12	+16,618.189	+0.000	+961.885	+0.000
40	+0.02364	+13,058.05	+16,738.559	+5,009.520	+968.853	+0.000
41	+0.02338	+18,207.51	+16,554.463	+5,009.520	+958.197	+0.000
42	+0.02305	+9,156.34	+16,320.803	+5,009.520	+944.672	+0.000

43	+0.02293	+8,491.80	+16,235.836	+5,009.520	+939.754	+.000
44	+0.02260	+13,146.53	+16,002.176	+5,009.520	+926.230	+.000
45	+0.02191	+13,127.10	+15,513.614	+.000	+897.951	+.000
46	+0.02086	+12,180.57	+14,770.150	+.000	+854.918	+.000
47	+0.01958	+10,822.38	+13,863.832	+16,878.500	+802.459	+.000
48	+0.01820	+935.01	+12,886.708	+16,878.500	+745.902	+.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	+2,130.411	+0.000	+14,239.948	+0.000	+0.000
02	+0.000	+2,086.027	+0.000	+13,943.282	+0.000	+0.000
03	+0.000	+2,041.644	+0.000	+13,646.616	+0.000	+0.000
04	+0.000	+2,004.658	+0.000	+13,399.395	+0.000	+0.000
05	+0.000	+1,982.466	+0.000	+13,251.062	+0.000	+0.000
06	+0.000	+1,956.575	+0.000	+13,078.007	+0.000	+0.000
07	+0.000	+1,936.849	+0.000	+12,946.156	+0.000	+0.000
08	+0.000	+1,944.247	+0.000	+12,995.600	+0.000	+0.000
09	+0.000	+1,952.877	+0.000	+13,053.285	+0.000	+0.000
10	+0.000	+1,956.575	+0.000	+13,078.007	+0.000	+0.000
11	+0.000	+2,002.192	+0.000	+13,382.914	+0.000	+0.000
12	+0.000	+2,086.027	+0.000	+13,943.282	+0.000	+0.000
13	+0.000	+2,231.507	+0.000	+14,915.686	+0.000	+0.000
14	+0.000	+2,452.192	+0.000	+16,390.773	+0.000	+0.000
15	+0.000	+2,740.685	+0.000	+18,319.099	+0.000	+0.000
16	+0.000	+2,862.740	+0.000	+19,134.930	+0.000	+0.000
17	+0.000	+2,910.822	+0.000	+19,456.317	+0.000	+0.000
18	+0.000	+2,920.685	+0.000	+19,522.243	+0.000	+0.000
19	+0.000	+2,935.479	+0.000	+19,621.131	+0.000	+0.000
20	+0.000	+2,914.521	+0.000	+19,481.039	+0.000	+0.000
21	+0.000	+2,900.959	+0.000	+19,390.392	+0.000	+0.000
22	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
23	+0.000	+2,847.945	+0.000	+19,036.041	+0.000	+0.000
24	+0.000	+2,819.589	+0.000	+18,846.505	+0.000	+0.000
25	+0.000	+2,806.027	+0.000	+18,755.857	+0.000	+0.000
26	+0.000	+2,766.575	+0.000	+18,492.154	+0.000	+0.000
27	+0.000	+2,770.274	+0.000	+18,516.876	+0.000	+0.000
28	+0.000	+2,709.863	+0.000	+18,113.081	+0.000	+0.000
29	+0.000	+2,691.370	+0.000	+17,989.471	+0.000	+0.000
30	+0.000	+2,665.479	+0.000	+17,816.416	+0.000	+0.000
31	+0.000	+2,613.699	+0.000	+17,470.306	+0.000	+0.000
32	+0.000	+2,675.342	+0.000	+17,882.342	+0.000	+0.000
33	+0.000	+2,714.795	+0.000	+18,146.044	+0.000	+0.000
34	+0.000	+2,769.041	+0.000	+18,508.636	+0.000	+0.000
35	+0.000	+2,831.918	+0.000	+18,928.912	+0.000	+0.000
36	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000
37	+0.000	+2,899.726	+0.000	+19,382.151	+0.000	+0.000
38	+0.000	+2,907.123	+0.000	+19,431.595	+0.000	+0.000
39	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
40	+0.000	+2,914.521	+0.000	+19,481.039	+0.000	+0.000
41	+0.000	+2,882.466	+0.000	+19,266.781	+0.000	+0.000
42	+0.000	+2,841.781	+0.000	+18,994.837	+0.000	+0.000

43	+.000	+2,826.986	+.000	+18,895.949	+.000	+.000
44	+.000	+2,786.301	+.000	+18,624.006	+.000	+.000
45	+.000	+2,701.233	+.000	+18,055.396	+.000	+.000
46	+.000	+2,571.781	+.000	+17,190.122	+.000	+.000
47	+.000	+2,413.973	+.000	+16,135.311	+.000	+.000
48	+.000	+2,243.836	+.000	+14,998.093	+.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	+71.339	+0.000	+0.000	+0.000	+0.000	+32,247.587
02	+69.853	+0.000	+0.000	+0.000	+0.000	+47,558.015
03	+68.367	+0.000	+0.000	+0.000	+0.000	+60,036.174
04	+67.128	+0.000	+0.000	+0.000	+0.000	+62,370.614
05	+66.385	+0.000	+0.000	+0.000	+0.000	+64,805.059
06	+65.518	+0.000	+0.000	+0.000	+0.000	+57,251.917
07	+64.857	+0.000	+0.000	+0.000	+0.000	+50,226.992
08	+65.105	+0.000	+0.000	+0.000	+0.000	+52,239.734
09	+65.394	+0.000	+0.000	+0.000	+0.000	+56,608.081
10	+65.518	+0.000	+0.000	+0.000	+0.000	+55,914.217
11	+67.046	+0.000	+0.000	+0.000	+0.000	+55,348.134
12	+69.853	+0.000	+0.000	+0.000	+0.000	+58,674.045
13	+74.724	+0.000	+0.000	+0.000	+0.000	+56,136.242
14	+82.114	+0.000	+0.000	+0.000	+0.000	+59,340.184
15	+91.775	+0.000	+0.000	+0.000	+0.000	+43,152.058
16	+95.862	+0.000	+0.000	+0.000	+0.000	+56,064.804
17	+97.472	+0.000	+0.000	+0.000	+0.000	+55,935.512
18	+97.802	+0.000	+0.000	+0.000	+0.000	+56,109.464
19	+98.298	+0.000	+0.000	+0.000	+0.000	+55,154.208
20	+97.596	+0.000	+0.000	+0.000	+0.000	+58,227.898
21	+97.142	+0.000	+0.000	+0.000	+0.000	+47,914.899
22	+96.729	+0.000	+0.000	+0.000	+0.000	+42,758.926
23	+95.367	+0.000	+0.000	+0.000	+0.000	+31,890.431
24	+94.417	+0.000	+0.000	+0.000	+0.000	+22,517.068
25	+93.963	+0.000	+0.000	+0.000	+0.000	+32,042.580
26	+92.642	+0.000	+0.000	+0.000	+0.000	+32,623.090
27	+92.766	+0.000	+0.000	+0.000	+0.000	+42,928.866
28	+90.743	+0.000	+0.000	+0.000	+0.000	+48,092.175
29	+90.123	+0.000	+0.000	+0.000	+0.000	+38,778.295
30	+89.256	+0.000	+0.000	+0.000	+0.000	+31,730.514
31	+87.523	+0.000	+0.000	+0.000	+0.000	+21,876.320
32	+89.587	+0.000	+0.000	+0.000	+0.000	+31,101.596
33	+90.908	+0.000	+0.000	+0.000	+0.000	+34,185.616
34	+92.724	+0.000	+0.000	+0.000	+0.000	+40,010.930
35	+94.830	+0.000	+0.000	+0.000	+0.000	+40,910.291
36	+96.605	+0.000	+0.000	+0.000	+0.000	+40,423.350
37	+97.100	+0.000	+0.000	+0.000	+0.000	+39,025.734
38	+97.348	+0.000	+0.000	+0.000	+0.000	+40,010.926
39	+96.894	+0.000	+0.000	+0.000	+0.000	+42,769.597
40	+97.596	+0.000	+0.000	+0.000	+0.000	+58,268.138
41	+96.522	+0.000	+0.000	+0.000	+0.000	+62,975.459
42	+95.160	+0.000	+0.000	+0.000	+0.000	+53,363.114



43	+94.665	+.000	+.000	+.000	+.000	+52,494.510
44	+93.302	+.000	+.000	+.000	+.000	+56,588.065
45	+90.454	+.000	+.000	+.000	+.000	+50,385.748
46	+86.119	+.000	+.000	+.000	+.000	+47,653.660
47	+80.834	+.000	+.000	+.000	+.000	+60,997.289
48	+75.137	+.000	+.000	+.000	+.000	+48,763.186