

Date: 13/09/2019

Settlement Day:20/08/2019

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: 142

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+813,191.030	+188,105,525.340
Balancing Services Contract Cost	+849,895.012	+122,582,431.290
Balancing Services Cost Variable	+268,465.130	+43,635,292.175
ESO Incentive Recovery Costs	+40,983.610	+5,819,672.620
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+128,156.627	+16,129,952.435
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+117,018,087.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+586,235.640
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	+117,018,087.680
Total External Costs	+2,104,819.829	+376,859,109.500
Total Adjusted Energy Volume (MWh)	+1,145,880.617	

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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	+19,483.574	+73,454.640	+3.77008
02	+18,902.341	+65,600.853	+3.47051
03	+18,940.322	+71,057.280	+3.75164
04	+19,196.435	+66,834.481	+3.48161
05	+19,012.394	+74,577.004	+3.92255
06	+18,691.178	+75,708.338	+4.05049
07	+18,222.562	+73,460.932	+4.03132
08	+17,873.912	+75,403.811	+4.21865
09	+17,993.427	+75,278.785	+4.18368
10	+18,121.296	+76,698.941	+4.23253
11	+18,305.197	+73,327.908	+4.00585
12	+19,168.874	+75,854.437	+3.95717
13	+20,776.716	+77,494.115	+3.72985
14	+22,796.508	+76,906.048	+3.37359
15	+24,897.352	+76,995.120	+3.09250
16	+25,824.570	+83,463.790	+3.23195
17	+26,589.338	+74,922.975	+2.81778
18	+26,729.750	+66,439.316	+2.48559
19	+26,269.320	+56,387.762	+2.14653
20	+25,845.769	+45,331.445	+1.75392
21	+25,422.935	+71,198.208	+2.80055
22	+25,263.196	+61,938.775	+2.45174
23	+25,231.871	+59,133.148	+2.34359
24	+25,273.296	+49,084.828	+1.94216
25	+25,214.089	+47,960.254	+1.90212
26	+24,974.856	+46,161.387	+1.84831
27	+24,601.679	+33,663.859	+1.36836
28	+24,158.165	+30,487.228	+1.26198
29	+24,096.738	+33,053.696	+1.37171
30	+23,937.845	+35,118.133	+1.46705
31	+24,144.347	+31,001.655	+1.28401
32	+24,637.121	+36,112.566	+1.46578
33	+25,570.729	+43,941.149	+1.71842
34	+26,693.791	+53,200.479	+1.99299
35	+27,491.243	+64,371.101	+2.34151
36	+27,968.137	+67,189.789	+2.40237
37	+28,240.639	+62,438.836	+2.21096
38	+28,742.021	+63,670.547	+2.21524
39	+28,668.459	+60,954.342	+2.12618
40	+28,444.838	+69,553.475	+2.44521
41	+28,436.500	+60,947.365	+2.14328
42	+28,778.095	+75,255.794	+2.61504

43	+28,225.958	+56,158.021	+1.98959
44	+26,952.754	+50,580.890	+1.87665
45	+25,409.094	+38,046.334	+1.49735
46	+23,648.371	+30,397.554	+1.28540
47	+21,803.939	+83,629.517	+3.83552
48	+20,209.076	+78,462.430	+3.88253

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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	+0.01700	+49,203.80	+14,448.215	-7,152.150	+696.721	+0.000
02	+0.01650	+42,273.63	+14,023.268	-7,152.150	+676.230	+0.000
03	+0.01653	+43,558.64	+14,048.765	-3,036.150	+677.459	+0.000
04	+0.01675	+38,929.45	+14,235.741	-3,036.150	+686.475	+0.000
05	+0.01659	+40,757.78	+14,099.758	+3,173.600	+679.918	+0.000
06	+0.01631	+42,406.34	+13,861.788	+3,173.600	+668.443	+0.000
07	+0.01590	+40,188.35	+13,513.331	+3,901.550	+651.639	+0.000
08	+0.01560	+42,685.40	+13,258.362	+3,901.550	+639.344	+0.000
09	+0.01570	+41,183.85	+13,343.352	+5,093.350	+643.443	+0.000
10	+0.01581	+42,400.81	+13,436.840	+5,093.350	+647.951	+0.000
11	+0.01597	+37,372.47	+13,572.823	+6,455.100	+654.508	+0.000
12	+0.01673	+38,495.10	+14,218.744	+6,455.100	+685.656	+0.000
13	+0.01813	+23,644.90	+15,408.597	+20,358.850	+743.033	+0.000
14	+0.01989	+14,733.99	+16,904.412	+25,430.560	+815.164	+0.000
15	+0.02173	+20,164.00	+18,468.219	+16,690.710	+890.574	+0.000
16	+0.02254	+25,136.41	+19,156.634	+16,690.710	+923.771	+0.000
17	+0.02320	+26,389.42	+19,717.564	+5,677.710	+950.820	+0.000
18	+0.02333	+17,665.62	+19,828.051	+5,677.710	+956.148	+0.000
19	+0.02293	+8,958.96	+19,488.093	+5,071.710	+939.754	+0.000
20	+0.02256	-1,413.88	+19,173.631	+5,071.710	+924.590	+0.000
21	+0.02219	+25,136.36	+18,859.170	+5,071.710	+909.426	+0.000
22	+0.02205	+16,135.54	+18,740.185	+5,071.710	+903.689	+0.000
23	+0.02202	+13,385.33	+18,714.688	+5,071.710	+902.459	+0.000
24	+0.02206	+3,263.12	+18,748.684	+5,071.710	+904.098	+0.000
25	+0.02200	+2,249.38	+18,697.690	+5,071.710	+901.639	+0.000
26	+0.02180	+819.96	+18,527.711	+5,071.710	+893.443	+0.000
27	+0.02147	-5,996.27	+18,247.246	+0.000	+879.918	+0.000
28	+0.02108	-8,452.48	+17,915.787	+0.000	+863.934	+0.000
29	+0.02103	-5,793.65	+17,873.292	+0.000	+861.885	+0.000
30	+0.02089	-3,470.60	+17,754.307	+0.000	+856.148	+0.000
31	+0.02107	-7,919.58	+17,907.288	+0.000	+863.525	+0.000
32	+0.02150	-3,602.98	+18,272.743	+0.000	+881.148	+0.000
33	+0.02232	-2,360.84	+18,969.657	+5,071.710	+914.754	+0.000
34	+0.02330	+5,088.20	+19,802.554	+5,071.710	+954.918	+0.000
35	+0.02399	+14,984.23	+20,388.981	+5,071.710	+983.197	+0.000
36	+0.02441	+17,027.08	+20,745.937	+5,071.710	+1,000.410	+0.000
37	+0.02465	+11,832.79	+20,949.912	+5,071.710	+1,010.246	+0.000
38	+0.02508	+12,270.19	+21,315.367	+5,071.710	+1,027.869	+0.000
39	+0.02502	+9,664.82	+21,264.373	+5,071.710	+1,025.410	+0.000
40	+0.02482	+18,633.40	+21,094.394	+5,071.710	+1,017.213	+0.000
41	+0.02482	+10,027.29	+21,094.394	+5,071.710	+1,017.213	+0.000
42	+0.02511	+23,800.02	+21,340.864	+5,071.710	+1,029.098	+0.000

43	+0.02463	+10,660.63	+20,932.914	+ .000	+1,009.426	+ .000
44	+0.02352	+7,133.93	+19,989.531	+ .000	+963.935	+ .000
45	+0.02217	-2,906.86	+18,842.172	+ .000	+908.607	+ .000
46	+0.02064	-7,729.37	+17,541.833	+ .000	+845.902	+ .000
47	+0.01903	+13,587.89	+16,173.502	+34,888.750	+779.918	+ .000
48	+0.01764	+10,988.46	+14,992.148	+34,888.750	+722.951	+ .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	+2,178.663	+0.000	+14,009.208	+0.000	+0.000
02	+0.000	+2,114.584	+0.000	+13,597.172	+0.000	+0.000
03	+0.000	+2,118.429	+0.000	+13,621.894	+0.000	+0.000
04	+0.000	+2,146.624	+0.000	+13,803.190	+0.000	+0.000
05	+0.000	+2,126.118	+0.000	+13,671.339	+0.000	+0.000
06	+0.000	+2,090.235	+0.000	+13,440.599	+0.000	+0.000
07	+0.000	+2,037.690	+0.000	+13,102.730	+0.000	+0.000
08	+0.000	+1,999.243	+0.000	+12,855.508	+0.000	+0.000
09	+0.000	+2,012.059	+0.000	+12,937.915	+0.000	+0.000
10	+0.000	+2,026.156	+0.000	+13,028.563	+0.000	+0.000
11	+0.000	+2,046.661	+0.000	+13,160.415	+0.000	+0.000
12	+0.000	+2,144.060	+0.000	+13,786.708	+0.000	+0.000
13	+0.000	+2,323.480	+0.000	+14,940.408	+0.000	+0.000
14	+0.000	+2,549.035	+0.000	+16,390.773	+0.000	+0.000
15	+0.000	+2,784.844	+0.000	+17,907.064	+0.000	+0.000
16	+0.000	+2,888.650	+0.000	+18,574.561	+0.000	+0.000
17	+0.000	+2,973.234	+0.000	+19,118.448	+0.000	+0.000
18	+0.000	+2,989.894	+0.000	+19,225.577	+0.000	+0.000
19	+0.000	+2,938.631	+0.000	+18,895.949	+0.000	+0.000
20	+0.000	+2,891.214	+0.000	+18,591.043	+0.000	+0.000
21	+0.000	+2,843.796	+0.000	+18,286.136	+0.000	+0.000
22	+0.000	+2,825.854	+0.000	+18,170.766	+0.000	+0.000
23	+0.000	+2,822.009	+0.000	+18,146.044	+0.000	+0.000
24	+0.000	+2,827.135	+0.000	+18,179.007	+0.000	+0.000
25	+0.000	+2,819.446	+0.000	+18,129.563	+0.000	+0.000
26	+0.000	+2,793.814	+0.000	+17,964.749	+0.000	+0.000
27	+0.000	+2,751.523	+0.000	+17,692.805	+0.000	+0.000
28	+0.000	+2,701.542	+0.000	+17,371.418	+0.000	+0.000
29	+0.000	+2,695.134	+0.000	+17,330.214	+0.000	+0.000
30	+0.000	+2,677.192	+0.000	+17,214.844	+0.000	+0.000
31	+0.000	+2,700.260	+0.000	+17,363.177	+0.000	+0.000
32	+0.000	+2,755.367	+0.000	+17,717.527	+0.000	+0.000
33	+0.000	+2,860.456	+0.000	+18,393.266	+0.000	+0.000
34	+0.000	+2,986.049	+0.000	+19,200.855	+0.000	+0.000
35	+0.000	+3,074.477	+0.000	+19,769.464	+0.000	+0.000
36	+0.000	+3,128.303	+0.000	+20,115.574	+0.000	+0.000
37	+0.000	+3,159.061	+0.000	+20,313.351	+0.000	+0.000
38	+0.000	+3,214.168	+0.000	+20,667.702	+0.000	+0.000
39	+0.000	+3,206.479	+0.000	+20,618.257	+0.000	+0.000
40	+0.000	+3,180.847	+0.000	+20,453.443	+0.000	+0.000
41	+0.000	+3,180.847	+0.000	+20,453.443	+0.000	+0.000
42	+0.000	+3,218.013	+0.000	+20,692.424	+0.000	+0.000

43	+.000	+3,156.498	+.000	+20,296.870	+.000	+.000
44	+.000	+3,014.244	+.000	+19,382.151	+.000	+.000
45	+.000	+2,841.232	+.000	+18,269.655	+.000	+.000
46	+.000	+2,645.153	+.000	+17,008.826	+.000	+.000
47	+.000	+2,438.821	+.000	+15,682.072	+.000	+.000
48	+.000	+2,260.683	+.000	+14,536.613	+.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	+70.183	+0.000	+0.000	+0.000	+0.000	+73,454.640
02	+68.119	+0.000	+0.000	+0.000	+0.000	+65,600.853
03	+68.243	+0.000	+0.000	+0.000	+0.000	+71,057.280
04	+69.151	+0.000	+0.000	+0.000	+0.000	+66,834.481
05	+68.490	+0.000	+0.000	+0.000	+0.000	+74,577.004
06	+67.335	+0.000	+0.000	+0.000	+0.000	+75,708.338
07	+65.642	+0.000	+0.000	+0.000	+0.000	+73,460.932
08	+64.403	+0.000	+0.000	+0.000	+0.000	+75,403.811
09	+64.816	+0.000	+0.000	+0.000	+0.000	+75,278.785
10	+65.270	+0.000	+0.000	+0.000	+0.000	+76,698.941
11	+65.931	+0.000	+0.000	+0.000	+0.000	+73,327.908
12	+69.068	+0.000	+0.000	+0.000	+0.000	+75,854.437
13	+74.848	+0.000	+0.000	+0.000	+0.000	+77,494.115
14	+82.114	+0.000	+0.000	+0.000	+0.000	+76,906.048
15	+89.711	+0.000	+0.000	+0.000	+0.000	+76,995.120
16	+93.055	+0.000	+0.000	+0.000	+0.000	+83,463.790
17	+95.779	+0.000	+0.000	+0.000	+0.000	+74,922.975
18	+96.316	+0.000	+0.000	+0.000	+0.000	+66,439.316
19	+94.665	+0.000	+0.000	+0.000	+0.000	+56,387.762
20	+93.137	+0.000	+0.000	+0.000	+0.000	+45,331.445
21	+91.610	+0.000	+0.000	+0.000	+0.000	+71,198.208
22	+91.032	+0.000	+0.000	+0.000	+0.000	+61,938.775
23	+90.908	+0.000	+0.000	+0.000	+0.000	+59,133.148
24	+91.073	+0.000	+0.000	+0.000	+0.000	+49,084.828
25	+90.825	+0.000	+0.000	+0.000	+0.000	+47,960.254
26	+90.000	+0.000	+0.000	+0.000	+0.000	+46,161.387
27	+88.637	+0.000	+0.000	+0.000	+0.000	+33,663.859
28	+87.027	+0.000	+0.000	+0.000	+0.000	+30,487.228
29	+86.821	+0.000	+0.000	+0.000	+0.000	+33,053.696
30	+86.243	+0.000	+0.000	+0.000	+0.000	+35,118.133
31	+86.986	+0.000	+0.000	+0.000	+0.000	+31,001.655
32	+88.761	+0.000	+0.000	+0.000	+0.000	+36,112.566
33	+92.146	+0.000	+0.000	+0.000	+0.000	+43,941.149
34	+96.192	+0.000	+0.000	+0.000	+0.000	+53,200.479
35	+99.041	+0.000	+0.000	+0.000	+0.000	+64,371.101
36	+100.775	+0.000	+0.000	+0.000	+0.000	+67,189.789
37	+101.766	+0.000	+0.000	+0.000	+0.000	+62,438.836
38	+103.541	+0.000	+0.000	+0.000	+0.000	+63,670.547
39	+103.293	+0.000	+0.000	+0.000	+0.000	+60,954.342
40	+102.467	+0.000	+0.000	+0.000	+0.000	+69,553.475
41	+102.467	+0.000	+0.000	+0.000	+0.000	+60,947.365
42	+103.665	+0.000	+0.000	+0.000	+0.000	+75,255.794

43	+101.683	+.000	+.000	+.000	+.000	+56,158.021
44	+97.100	+.000	+.000	+.000	+.000	+50,580.890
45	+91.527	+.000	+.000	+.000	+.000	+38,046.334
46	+85.211	+.000	+.000	+.000	+.000	+30,397.554
47	+78.564	+.000	+.000	+.000	+.000	+83,629.517
48	+72.825	+.000	+.000	+.000	+.000	+78,462.430