

Date: 23/09/2019

Settlement Day:13/09/2019

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: 166

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,481,850.680	+242,680,788.610
Balancing Services Contract Cost	+758,520.874	+123,367,350.105
Balancing Services Cost Variable	+241,600.570	+59,682,294.525
ESO Incentive Recovery Costs	+40,983.610	+6,803,279.260
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+20,463,739.689
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+136,795,792.640
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+685,317.720
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	+136,795,792.640
Total External Costs	+2,650,371.825	+453,682,769.909
Total Adjusted Energy Volume (MWh)	+1,149,027.496	

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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	+19,596.965	+118,348.157	+6.03911
02	+18,944.397	+127,190.372	+6.71388
03	+18,721.892	+121,624.143	+6.49636
04	+18,734.488	+122,533.153	+6.54051
05	+18,465.855	+110,978.425	+6.00993
06	+18,141.083	+98,623.388	+5.43647
07	+17,822.637	+91,947.800	+5.15905
08	+17,805.792	+96,871.300	+5.44044
09	+17,795.671	+90,792.190	+5.10193
10	+18,091.832	+103,401.698	+5.71538
11	+18,427.669	+88,570.626	+4.80639
12	+19,474.369	+86,166.508	+4.42461
13	+21,614.754	+102,454.882	+4.74004
14	+24,016.660	+83,804.345	+3.48943
15	+26,739.454	+71,405.465	+2.67042
16	+27,874.909	+80,619.837	+2.89220
17	+28,080.836	+76,124.965	+2.71092
18	+27,597.898	+65,409.169	+2.37008
19	+27,296.952	+74,860.121	+2.74244
20	+26,687.149	+57,532.345	+2.15581
21	+26,427.722	+50,233.627	+1.90079
22	+25,865.233	+51,060.371	+1.97409
23	+25,453.993	+56,433.584	+2.21708
24	+25,050.871	+55,550.597	+2.21751
25	+24,965.141	+51,838.128	+2.07642
26	+24,700.792	+47,686.210	+1.93055
27	+24,247.388	+36,157.223	+1.49118
28	+23,829.733	+34,211.966	+1.43568
29	+23,557.120	+37,539.388	+1.59355
30	+23,465.390	+47,016.729	+2.00366
31	+23,808.627	+47,931.046	+2.01318
32	+24,431.830	+60,313.292	+2.46864
33	+24,974.757	+64,916.488	+2.59928
34	+26,106.129	+68,246.829	+2.61421
35	+27,155.557	+61,767.152	+2.27457
36	+27,811.620	+67,895.397	+2.44126
37	+28,234.422	+69,334.724	+2.45568
38	+28,599.274	+67,297.781	+2.35313
39	+28,846.477	+62,928.119	+2.18148
40	+29,150.254	+65,822.247	+2.25803
41	+28,686.999	+62,925.461	+2.19352
42	+28,218.623	+55,753.334	+1.97576

43	+27,342.748	+57,659.380	+2.10876
44	+25,994.964	+59,449.260	+2.28695
45	+24,626.598	+66,000.520	+2.68005
46	+23,307.184	+57,098.810	+2.44984
47	+21,813.072	+74,134.791	+3.39864
48	+20,423.716	+67,981.521	+3.32856

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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	+0.01706	+87,587.94	+12,940.366	+888.300	+699.180	+0.000
02	+0.01649	+97,428.22	+12,508.009	+888.300	+675.820	+0.000
03	+0.01629	+90,465.99	+12,356.305	+2,634.500	+667.623	+0.000
04	+0.01630	+91,357.49	+12,363.890	+2,634.500	+668.033	+0.000
05	+0.01607	+78,644.44	+12,189.430	+4,195.550	+658.607	+0.000
06	+0.01579	+66,779.68	+11,977.045	+4,195.550	+647.131	+0.000
07	+0.01551	+61,630.65	+11,764.659	+3,159.270	+635.656	+0.000
08	+0.01550	+66,571.66	+11,757.074	+3,159.270	+635.246	+0.000
09	+0.01549	+64,219.78	+11,749.488	-550.450	+634.836	+0.000
10	+0.01575	+76,374.03	+11,946.704	-550.450	+645.492	+0.000
11	+0.01604	+54,790.42	+12,166.675	+5,694.300	+657.377	+0.000
12	+0.01695	+50,792.90	+12,856.929	+5,694.300	+694.672	+0.000
13	+0.01881	+45,235.58	+14,267.778	+24,283.150	+770.902	+0.000
14	+0.02090	+17,839.76	+15,853.086	+29,368.860	+856.557	+0.000
15	+0.02327	+24,902.68	+17,650.781	+5,757.210	+953.689	+0.000
16	+0.02426	+32,383.57	+18,401.716	+5,757.210	+994.262	+0.000
17	+0.02444	+28,245.02	+18,538.250	+5,085.710	+1,001.639	+0.000
18	+0.02402	+18,264.64	+18,219.671	+5,085.710	+984.426	+0.000
19	+0.02376	+28,170.85	+18,022.456	+5,085.710	+973.771	+0.000
20	+0.02323	+11,771.10	+17,620.440	+5,085.710	+952.049	+0.000
21	+0.02300	+4,875.11	+17,445.980	+5,085.710	+942.623	+0.000
22	+0.02251	+6,559.84	+17,074.305	+5,085.710	+922.541	+0.000
23	+0.02215	+12,563.41	+16,801.237	+5,085.710	+907.787	+0.000
24	+0.02180	+12,293.27	+16,535.755	+5,085.710	+893.443	+0.000
25	+0.02173	+8,703.37	+16,482.659	+5,085.710	+890.574	+0.000
26	+0.02150	+4,954.18	+16,308.199	+5,085.710	+881.148	+0.000
27	+0.02110	+790.30	+16,004.790	-1,579.000	+864.754	+0.000
28	+0.02074	-524.60	+15,731.723	-1,579.000	+850.000	+0.000
29	+0.02050	+3,184.56	+15,549.678	-1,540.500	+840.164	+0.000
30	+0.02042	+12,801.98	+15,488.996	-1,540.500	+836.885	+0.000
31	+0.02072	+13,250.00	+15,716.553	-1,599.500	+849.180	+0.000
32	+0.02126	+24,686.71	+16,126.154	-1,599.500	+871.312	+0.000
33	+0.02174	+21,764.22	+16,490.244	+5,085.710	+890.984	+0.000
34	+0.02272	+23,378.59	+17,233.594	+5,085.710	+931.148	+0.000
35	+0.02363	+15,305.51	+17,923.848	+5,085.710	+968.443	+0.000
36	+0.02420	+20,435.69	+18,356.205	+5,085.710	+991.803	+0.000
37	+0.02457	+21,227.15	+18,636.858	+5,085.710	+1,006.967	+0.000
38	+0.02489	+18,629.89	+18,879.585	+5,085.710	+1,020.082	+0.000
39	+0.02511	+13,875.01	+19,046.459	+5,085.710	+1,029.098	+0.000
40	+0.02537	+16,313.88	+19,243.675	+5,085.710	+1,039.754	+0.000
41	+0.02497	+14,117.49	+18,940.266	+5,085.710	+1,023.361	+0.000
42	+0.02456	+7,663.27	+18,629.273	+5,085.710	+1,006.557	+0.000

43	+0.02380	+15,985.78	+18,052.797	+ .000	+975.410	+ .000
44	+0.02262	+19,841.83	+17,157.742	+ .000	+927.049	+ .000
45	+0.02143	+30,423.02	+16,255.102	-1,946.250	+878.279	+ .000
46	+0.02028	+23,534.95	+15,382.803	-1,946.250	+831.148	+ .000
47	+0.01898	+12,897.22	+14,396.726	+28,003.750	+777.869	+ .000
48	+0.01777	+8,862.65	+13,478.916	+28,003.750	+728.279	+ .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	+2,103.288	+0.000	+14,058.652	+0.000	+0.000
02	+0.000	+2,033.014	+0.000	+13,588.931	+0.000	+0.000
03	+0.000	+2,008.356	+0.000	+13,424.117	+0.000	+0.000
04	+0.000	+2,009.589	+0.000	+13,432.358	+0.000	+0.000
05	+0.000	+1,981.233	+0.000	+13,242.822	+0.000	+0.000
06	+0.000	+1,946.712	+0.000	+13,012.082	+0.000	+0.000
07	+0.000	+1,912.192	+0.000	+12,781.342	+0.000	+0.000
08	+0.000	+1,910.959	+0.000	+12,773.101	+0.000	+0.000
09	+0.000	+1,909.726	+0.000	+12,764.860	+0.000	+0.000
10	+0.000	+1,941.781	+0.000	+12,979.119	+0.000	+0.000
11	+0.000	+1,977.534	+0.000	+13,218.099	+0.000	+0.000
12	+0.000	+2,089.726	+0.000	+13,968.004	+0.000	+0.000
13	+0.000	+2,319.041	+0.000	+15,500.776	+0.000	+0.000
14	+0.000	+2,576.712	+0.000	+17,223.085	+0.000	+0.000
15	+0.000	+2,868.904	+0.000	+19,176.133	+0.000	+0.000
16	+0.000	+2,990.959	+0.000	+19,991.963	+0.000	+0.000
17	+0.000	+3,013.151	+0.000	+20,140.296	+0.000	+0.000
18	+0.000	+2,961.370	+0.000	+19,794.186	+0.000	+0.000
19	+0.000	+2,929.315	+0.000	+19,579.928	+0.000	+0.000
20	+0.000	+2,863.973	+0.000	+19,143.170	+0.000	+0.000
21	+0.000	+2,835.616	+0.000	+18,953.634	+0.000	+0.000
22	+0.000	+2,775.205	+0.000	+18,549.839	+0.000	+0.000
23	+0.000	+2,730.822	+0.000	+18,253.174	+0.000	+0.000
24	+0.000	+2,687.671	+0.000	+17,964.749	+0.000	+0.000
25	+0.000	+2,679.041	+0.000	+17,907.064	+0.000	+0.000
26	+0.000	+2,650.685	+0.000	+17,717.527	+0.000	+0.000
27	+0.000	+2,601.370	+0.000	+17,387.899	+0.000	+0.000
28	+0.000	+2,556.986	+0.000	+17,091.233	+0.000	+0.000
29	+0.000	+2,527.397	+0.000	+16,893.456	+0.000	+0.000
30	+0.000	+2,517.534	+0.000	+16,827.531	+0.000	+0.000
31	+0.000	+2,554.521	+0.000	+17,074.752	+0.000	+0.000
32	+0.000	+2,621.096	+0.000	+17,519.750	+0.000	+0.000
33	+0.000	+2,680.274	+0.000	+17,915.304	+0.000	+0.000
34	+0.000	+2,801.096	+0.000	+18,722.894	+0.000	+0.000
35	+0.000	+2,913.288	+0.000	+19,472.799	+0.000	+0.000
36	+0.000	+2,983.562	+0.000	+19,942.519	+0.000	+0.000
37	+0.000	+3,029.178	+0.000	+20,247.425	+0.000	+0.000
38	+0.000	+3,068.630	+0.000	+20,511.128	+0.000	+0.000
39	+0.000	+3,095.753	+0.000	+20,692.424	+0.000	+0.000
40	+0.000	+3,127.808	+0.000	+20,906.682	+0.000	+0.000
41	+0.000	+3,078.493	+0.000	+20,577.054	+0.000	+0.000
42	+0.000	+3,027.945	+0.000	+20,239.185	+0.000	+0.000

43	+.000	+2,934.247	+.000	+19,612.891	+.000	+.000
44	+.000	+2,788.767	+.000	+18,640.487	+.000	+.000
45	+.000	+2,642.055	+.000	+17,659.842	+.000	+.000
46	+.000	+2,500.274	+.000	+16,712.161	+.000	+.000
47	+.000	+2,340.000	+.000	+15,640.868	+.000	+.000
48	+.000	+2,190.822	+.000	+14,643.742	+.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	+70.431	+0.000	+0.000	+0.000	+0.000	+118,348.157
02	+68.078	+0.000	+0.000	+0.000	+0.000	+127,190.372
03	+67.252	+0.000	+0.000	+0.000	+0.000	+121,624.143
04	+67.293	+0.000	+0.000	+0.000	+0.000	+122,533.153
05	+66.344	+0.000	+0.000	+0.000	+0.000	+110,978.425
06	+65.188	+0.000	+0.000	+0.000	+0.000	+98,623.388
07	+64.032	+0.000	+0.000	+0.000	+0.000	+91,947.800
08	+63.991	+0.000	+0.000	+0.000	+0.000	+96,871.300
09	+63.949	+0.000	+0.000	+0.000	+0.000	+90,792.190
10	+65.023	+0.000	+0.000	+0.000	+0.000	+103,401.698
11	+66.220	+0.000	+0.000	+0.000	+0.000	+88,570.626
12	+69.977	+0.000	+0.000	+0.000	+0.000	+86,166.508
13	+77.656	+0.000	+0.000	+0.000	+0.000	+102,454.882
14	+86.284	+0.000	+0.000	+0.000	+0.000	+83,804.345
15	+96.068	+0.000	+0.000	+0.000	+0.000	+71,405.465
16	+100.155	+0.000	+0.000	+0.000	+0.000	+80,619.837
17	+100.899	+0.000	+0.000	+0.000	+0.000	+76,124.965
18	+99.165	+0.000	+0.000	+0.000	+0.000	+65,409.169
19	+98.091	+0.000	+0.000	+0.000	+0.000	+74,860.121
20	+95.903	+0.000	+0.000	+0.000	+0.000	+57,532.345
21	+94.954	+0.000	+0.000	+0.000	+0.000	+50,233.627
22	+92.931	+0.000	+0.000	+0.000	+0.000	+51,060.371
23	+91.445	+0.000	+0.000	+0.000	+0.000	+56,433.584
24	+90.000	+0.000	+0.000	+0.000	+0.000	+55,550.597
25	+89.711	+0.000	+0.000	+0.000	+0.000	+51,838.128
26	+88.761	+0.000	+0.000	+0.000	+0.000	+47,686.210
27	+87.110	+0.000	+0.000	+0.000	+0.000	+36,157.223
28	+85.623	+0.000	+0.000	+0.000	+0.000	+34,211.966
29	+84.633	+0.000	+0.000	+0.000	+0.000	+37,539.388
30	+84.302	+0.000	+0.000	+0.000	+0.000	+47,016.729
31	+85.541	+0.000	+0.000	+0.000	+0.000	+47,931.046
32	+87.770	+0.000	+0.000	+0.000	+0.000	+60,313.292
33	+89.752	+0.000	+0.000	+0.000	+0.000	+64,916.488
34	+93.798	+0.000	+0.000	+0.000	+0.000	+68,246.829
35	+97.555	+0.000	+0.000	+0.000	+0.000	+61,767.152
36	+99.908	+0.000	+0.000	+0.000	+0.000	+67,895.397
37	+101.435	+0.000	+0.000	+0.000	+0.000	+69,334.724
38	+102.756	+0.000	+0.000	+0.000	+0.000	+67,297.781
39	+103.665	+0.000	+0.000	+0.000	+0.000	+62,928.119
40	+104.738	+0.000	+0.000	+0.000	+0.000	+65,822.247
41	+103.087	+0.000	+0.000	+0.000	+0.000	+62,925.461
42	+101.394	+0.000	+0.000	+0.000	+0.000	+55,753.334

43	+98.256	+ .000	+ .000	+ .000	+ .000	+57,659.380
44	+93.385	+ .000	+ .000	+ .000	+ .000	+59,449.260
45	+88.472	+ .000	+ .000	+ .000	+ .000	+66,000.520
46	+83.724	+ .000	+ .000	+ .000	+ .000	+57,098.810
47	+78.357	+ .000	+ .000	+ .000	+ .000	+74,134.791
48	+73.362	+ .000	+ .000	+ .000	+ .000	+67,981.521