

Date: 29/07/2019

Settlement Day:19/07/2019

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: 110

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+375,569.540	+131,578,669.380
Balancing Services Contract Cost	+1,037,423.621	+86,336,881.722
Balancing Services Cost Variable	+474,527.480	+29,085,189.425
ESO Incentive Recovery Costs	+40,983.610	+4,508,197.100
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+13,561,643.810
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+90,647,814.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+454,126.200
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	+90,647,814.400
Total External Costs	+2,055,920.342	+265,524,707.637
Total Adjusted Energy Volume (MWh)	+1,209,513.827	

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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	+20,089.799	+49,717.345	+2.47476
02	+19,453.723	+46,464.741	+2.38848
03	+18,789.834	+55,989.428	+2.97977
04	+18,514.223	+58,397.733	+3.15421
05	+18,147.678	+50,239.765	+2.76839
06	+17,885.829	+46,632.648	+2.60724
07	+17,784.218	+41,233.467	+2.31854
08	+17,636.745	+40,194.380	+2.27901
09	+17,677.829	+39,454.086	+2.23184
10	+17,673.859	+45,841.487	+2.59375
11	+18,418.829	+52,805.931	+2.86695
12	+19,298.402	+58,188.394	+3.01519
13	+21,284.803	+54,754.081	+2.57245
14	+23,552.322	+51,890.183	+2.20319
15	+25,929.735	+46,456.905	+1.79165
16	+27,624.694	+54,845.527	+1.98538
17	+28,514.286	+52,394.130	+1.83747
18	+28,493.334	+52,105.981	+1.82871
19	+28,923.184	+46,501.654	+1.60776
20	+29,066.501	+43,501.502	+1.49662
21	+29,077.009	+44,005.200	+1.51340
22	+28,880.591	+54,760.407	+1.89610
23	+28,881.965	+53,849.557	+1.86447
24	+29,307.798	+62,093.190	+2.11866
25	+29,487.694	+63,383.175	+2.14948
26	+29,108.701	+70,854.727	+2.43414
27	+28,448.959	+62,893.975	+2.21077
28	+27,942.657	+42,673.850	+1.52719
29	+28,242.364	+46,643.313	+1.65154
30	+28,239.173	+53,430.233	+1.89206
31	+27,808.418	+67,259.531	+2.41868
32	+27,890.489	+64,535.734	+2.31390
33	+28,923.376	+90,870.634	+3.14177
34	+29,236.189	+84,825.007	+2.90137
35	+29,568.428	+86,325.807	+2.91953
36	+29,622.744	+82,457.303	+2.78358
37	+29,681.201	+77,946.518	+2.62612
38	+29,410.323	+71,725.971	+2.43880
39	+28,829.852	+67,458.832	+2.33990
40	+28,331.810	+75,408.096	+2.66161
41	+27,627.180	+71,946.047	+2.60418
42	+27,079.419	+62,957.155	+2.32491

43	+26,759.217	+72,583.403	+2.71246
44	+26,316.252	+65,950.681	+2.50608
45	+25,482.591	+52,328.664	+2.05351
46	+23,852.535	+50,805.887	+2.13000
47	+20,976.887	+78,259.328	+3.73074
48	+19,740.178	+114,149.786	+5.78261

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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	+0.01661	+2,263.05	+17,231.606	+13,737.750	+680.738	+0.000
02	+0.01608	+86.29	+16,681.772	+13,737.750	+659.016	+0.000
03	+0.01554	+10,501.75	+16,121.563	+13,943.120	+636.885	+0.000
04	+0.01531	+13,376.93	+15,882.956	+13,943.120	+627.459	+0.000
05	+0.01500	+5,199.98	+15,561.354	+14,591.370	+614.754	+0.000
06	+0.01479	+2,019.14	+15,343.495	+14,591.370	+606.148	+0.000
07	+0.01470	-3,110.35	+15,250.127	+14,504.370	+602.459	+0.000
08	+0.01458	-3,905.85	+15,125.636	+14,504.370	+597.541	+0.000
09	+0.01462	-4,364.84	+15,167.133	+14,141.870	+599.180	+0.000
10	+0.01461	+2,042.86	+15,156.759	+14,141.870	+598.771	+0.000
11	+0.01523	+5,755.02	+15,799.962	+16,135.620	+624.180	+0.000
12	+0.01596	+9,655.66	+16,557.281	+16,135.620	+654.098	+0.000
13	+0.01760	+993.32	+18,258.656	+18,034.620	+721.312	+0.000
14	+0.01947	-2,129.00	+20,198.638	+14,497.140	+797.951	+0.000
15	+0.02144	-15,183.80	+22,242.362	+18,119.770	+878.689	+0.000
16	+0.02284	-9,637.03	+23,694.756	+18,119.770	+936.066	+0.000
17	+0.02357	-460.00	+24,452.075	+5,009.520	+965.984	+0.000
18	+0.02356	-727.85	+24,441.701	+5,009.520	+965.574	+0.000
19	+0.02391	-7,042.64	+24,804.799	+5,009.520	+979.918	+0.000
20	+0.02403	-10,286.38	+24,929.290	+5,009.520	+984.836	+0.000
21	+0.02404	-9,802.98	+24,939.664	+5,009.520	+985.246	+0.000
22	+0.02388	+1,277.01	+24,773.676	+5,009.520	+978.689	+0.000
23	+0.02388	+366.16	+24,773.676	+5,009.520	+978.689	+0.000
24	+0.02423	+7,899.33	+25,136.774	+5,009.520	+993.033	+0.000
25	+0.02438	+8,884.83	+25,292.388	+5,009.520	+999.180	+0.000
26	+0.02407	+16,985.65	+24,970.787	+5,009.520	+986.475	+0.000
27	+0.02352	+10,141.34	+24,400.204	+5,009.520	+963.935	+0.000
28	+0.02310	-9,226.23	+23,964.486	+5,009.520	+946.721	+0.000
29	+0.02335	-754.72	+24,223.842	+0.000	+956.967	+0.000
30	+0.02335	+6,032.20	+24,223.842	+0.000	+956.967	+0.000
31	+0.02299	+20,592.26	+23,850.369	+0.000	+942.213	+0.000
32	+0.02306	+17,726.37	+23,922.989	+0.000	+945.082	+0.000
33	+0.02391	+37,326.34	+24,804.799	+5,009.520	+979.918	+0.000
34	+0.02417	+30,752.94	+25,074.529	+5,009.520	+990.574	+0.000
35	+0.02445	+31,685.37	+25,365.008	+5,009.520	+1,002.049	+0.000
36	+0.02449	+27,735.67	+25,406.504	+5,009.520	+1,003.689	+0.000
37	+0.02454	+28,132.91	+25,458.376	+0.000	+1,005.738	+0.000
38	+0.02432	+22,358.94	+25,230.142	+0.000	+996.721	+0.000
39	+0.02384	+19,066.15	+24,732.179	+0.000	+977.049	+0.000
40	+0.02342	+22,815.43	+24,296.461	+5,052.540	+959.836	+0.000
41	+0.02284	+13,968.37	+23,694.756	+11,614.890	+936.066	+0.000
42	+0.02239	+5,892.93	+23,227.915	+11,614.890	+917.623	+0.000

43	+0.02212	+4,164.85	+22,947.810	+23,517.290	+906.557	+.000
44	+0.02176	-1,737.11	+22,574.338	+23,517.290	+891.803	+.000
45	+0.02107	-6,200.69	+21,858.516	+15,759.480	+863.525	+.000
46	+0.01972	-4,983.11	+20,457.994	+15,759.480	+808.197	+.000
47	+0.01734	+20,731.06	+17,988.926	+22,329.900	+710.656	+.000
48	+0.01632	+58,692.01	+16,930.753	+22,329.900	+668.853	+.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	+2,047.808	+0.000	+13,687.820	+0.000	+0.000
02	+0.000	+1,982.466	+0.000	+13,251.062	+0.000	+0.000
03	+0.000	+1,915.890	+0.000	+12,806.064	+0.000	+0.000
04	+0.000	+1,887.534	+0.000	+12,616.528	+0.000	+0.000
05	+0.000	+1,849.315	+0.000	+12,361.066	+0.000	+0.000
06	+0.000	+1,823.425	+0.000	+12,188.011	+0.000	+0.000
07	+0.000	+1,812.329	+0.000	+12,113.844	+0.000	+0.000
08	+0.000	+1,797.534	+0.000	+12,014.956	+0.000	+0.000
09	+0.000	+1,802.466	+0.000	+12,047.919	+0.000	+0.000
10	+0.000	+1,801.233	+0.000	+12,039.678	+0.000	+0.000
11	+0.000	+1,877.671	+0.000	+12,550.602	+0.000	+0.000
12	+0.000	+1,967.671	+0.000	+13,152.174	+0.000	+0.000
13	+0.000	+2,169.863	+0.000	+14,503.650	+0.000	+0.000
14	+0.000	+2,400.411	+0.000	+16,044.663	+0.000	+0.000
15	+0.000	+2,643.288	+0.000	+17,668.083	+0.000	+0.000
16	+0.000	+2,815.890	+0.000	+18,821.783	+0.000	+0.000
17	+0.000	+2,905.890	+0.000	+19,423.354	+0.000	+0.000
18	+0.000	+2,904.658	+0.000	+19,415.114	+0.000	+0.000
19	+0.000	+2,947.808	+0.000	+19,703.539	+0.000	+0.000
20	+0.000	+2,962.603	+0.000	+19,802.427	+0.000	+0.000
21	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
22	+0.000	+2,944.110	+0.000	+19,678.816	+0.000	+0.000
23	+0.000	+2,944.110	+0.000	+19,678.816	+0.000	+0.000
24	+0.000	+2,987.260	+0.000	+19,967.241	+0.000	+0.000
25	+0.000	+3,005.753	+0.000	+20,090.852	+0.000	+0.000
26	+0.000	+2,967.534	+0.000	+19,835.390	+0.000	+0.000
27	+0.000	+2,899.726	+0.000	+19,382.151	+0.000	+0.000
28	+0.000	+2,847.945	+0.000	+19,036.041	+0.000	+0.000
29	+0.000	+2,878.767	+0.000	+19,242.059	+0.000	+0.000
30	+0.000	+2,878.767	+0.000	+19,242.059	+0.000	+0.000
31	+0.000	+2,834.384	+0.000	+18,945.393	+0.000	+0.000
32	+0.000	+2,843.014	+0.000	+19,003.078	+0.000	+0.000
33	+0.000	+2,947.808	+0.000	+19,703.539	+0.000	+0.000
34	+0.000	+2,979.863	+0.000	+19,917.797	+0.000	+0.000
35	+0.000	+3,014.384	+0.000	+20,148.537	+0.000	+0.000
36	+0.000	+3,019.315	+0.000	+20,181.500	+0.000	+0.000
37	+0.000	+3,025.479	+0.000	+20,222.703	+0.000	+0.000
38	+0.000	+2,998.356	+0.000	+20,041.408	+0.000	+0.000
39	+0.000	+2,939.178	+0.000	+19,645.854	+0.000	+0.000
40	+0.000	+2,887.397	+0.000	+19,299.744	+0.000	+0.000
41	+0.000	+2,815.890	+0.000	+18,821.783	+0.000	+0.000
42	+0.000	+2,760.411	+0.000	+18,450.951	+0.000	+0.000

43	+.000	+2,727.123	+.000	+18,228.451	+.000	+.000
44	+.000	+2,682.740	+.000	+17,931.786	+.000	+.000
45	+.000	+2,597.671	+.000	+17,363.177	+.000	+.000
46	+.000	+2,431.233	+.000	+16,250.681	+.000	+.000
47	+.000	+2,137.808	+.000	+14,289.392	+.000	+.000
48	+.000	+2,012.055	+.000	+13,448.839	+.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	+68.573	+0.000	+0.000	+0.000	+0.000	+49,717.345
02	+66.385	+0.000	+0.000	+0.000	+0.000	+46,464.741
03	+64.156	+0.000	+0.000	+0.000	+0.000	+55,989.428
04	+63.206	+0.000	+0.000	+0.000	+0.000	+58,397.733
05	+61.926	+0.000	+0.000	+0.000	+0.000	+50,239.765
06	+61.059	+0.000	+0.000	+0.000	+0.000	+46,632.648
07	+60.688	+0.000	+0.000	+0.000	+0.000	+41,233.467
08	+60.192	+0.000	+0.000	+0.000	+0.000	+40,194.380
09	+60.358	+0.000	+0.000	+0.000	+0.000	+39,454.086
10	+60.316	+0.000	+0.000	+0.000	+0.000	+45,841.487
11	+62.876	+0.000	+0.000	+0.000	+0.000	+52,805.931
12	+65.890	+0.000	+0.000	+0.000	+0.000	+58,188.394
13	+72.660	+0.000	+0.000	+0.000	+0.000	+54,754.081
14	+80.380	+0.000	+0.000	+0.000	+0.000	+51,890.183
15	+88.513	+0.000	+0.000	+0.000	+0.000	+46,456.905
16	+94.293	+0.000	+0.000	+0.000	+0.000	+54,845.527
17	+97.307	+0.000	+0.000	+0.000	+0.000	+52,394.130
18	+97.266	+0.000	+0.000	+0.000	+0.000	+52,105.981
19	+98.711	+0.000	+0.000	+0.000	+0.000	+46,501.654
20	+99.206	+0.000	+0.000	+0.000	+0.000	+43,501.502
21	+99.247	+0.000	+0.000	+0.000	+0.000	+44,005.200
22	+98.587	+0.000	+0.000	+0.000	+0.000	+54,760.407
23	+98.587	+0.000	+0.000	+0.000	+0.000	+53,849.557
24	+100.032	+0.000	+0.000	+0.000	+0.000	+62,093.190
25	+100.651	+0.000	+0.000	+0.000	+0.000	+63,383.175
26	+99.371	+0.000	+0.000	+0.000	+0.000	+70,854.727
27	+97.100	+0.000	+0.000	+0.000	+0.000	+62,893.975
28	+95.367	+0.000	+0.000	+0.000	+0.000	+42,673.850
29	+96.399	+0.000	+0.000	+0.000	+0.000	+46,643.313
30	+96.399	+0.000	+0.000	+0.000	+0.000	+53,430.233
31	+94.912	+0.000	+0.000	+0.000	+0.000	+67,259.531
32	+95.201	+0.000	+0.000	+0.000	+0.000	+64,535.734
33	+98.711	+0.000	+0.000	+0.000	+0.000	+90,870.634
34	+99.784	+0.000	+0.000	+0.000	+0.000	+84,825.007
35	+100.940	+0.000	+0.000	+0.000	+0.000	+86,325.807
36	+101.105	+0.000	+0.000	+0.000	+0.000	+82,457.303
37	+101.311	+0.000	+0.000	+0.000	+0.000	+77,946.518
38	+100.403	+0.000	+0.000	+0.000	+0.000	+71,725.971
39	+98.422	+0.000	+0.000	+0.000	+0.000	+67,458.832
40	+96.688	+0.000	+0.000	+0.000	+0.000	+75,408.096
41	+94.293	+0.000	+0.000	+0.000	+0.000	+71,946.047
42	+92.435	+0.000	+0.000	+0.000	+0.000	+62,957.155

43	+91.321	+.000	+.000	+.000	+.000	+72,583.403
44	+89.834	+.000	+.000	+.000	+.000	+65,950.681
45	+86.986	+.000	+.000	+.000	+.000	+52,328.664
46	+81.412	+.000	+.000	+.000	+.000	+50,805.887
47	+71.587	+.000	+.000	+.000	+.000	+78,259.328
48	+67.376	+.000	+.000	+.000	+.000	+114,149.786