

Date: 07/08/2019

Settlement Day:15/07/2019

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: 106

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	-339,707.090	+130,808,535.310
Balancing Services Contract Cost	+930,836.405	+92,899,116.343
Balancing Services Cost Variable	+487,415.680	+26,439,001.805
ESO Incentive Recovery Costs	+40,983.610	+4,344,262.660
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+117,865.758	+11,720,439.675
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+87,351,530.240
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+437,612.520
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	+87,351,530.240
Total External Costs	+1,241,522.783	+266,648,968.313
Total Adjusted Energy Volume (MWh)	+1,189,863.495	

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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	+19,334.990	+54,676.045	+2.82783
02	+18,639.448	+40,445.272	+2.16987
03	+18,556.487	+41,966.490	+2.26155
04	+18,562.125	+43,434.370	+2.33995
05	+18,336.065	+41,025.261	+2.23741
06	+18,052.648	+39,267.119	+2.17514
07	+18,173.636	+38,102.318	+2.09657
08	+18,192.957	+40,711.865	+2.23778
09	+18,292.544	+40,205.446	+2.19791
10	+18,252.680	+39,734.959	+2.17694
11	+18,576.327	+49,591.418	+2.66960
12	+19,507.381	+48,989.609	+2.51134
13	+21,244.455	+51,909.491	+2.44344
14	+23,555.194	+52,208.988	+2.21645
15	+26,043.174	+36,802.618	+1.41314
16	+27,514.634	+56,871.387	+2.06695
17	+27,994.016	+40,562.270	+1.44896
18	+28,076.732	+42,904.801	+1.52813
19	+28,147.915	+52,663.515	+1.87096
20	+27,870.074	+46,225.972	+1.65862
21	+27,529.208	+39,154.044	+1.42227
22	+27,433.289	+40,031.943	+1.45925
23	+27,216.318	+49,270.865	+1.81034
24	+27,002.520	+42,633.276	+1.57886
25	+26,952.298	+41,232.351	+1.52983
26	+26,675.634	+38,442.667	+1.44112
27	+26,354.020	+31,391.708	+1.19115
28	+26,102.156	+32,051.542	+1.22793
29	+26,014.550	+27,401.831	+1.05333
30	+25,929.768	+27,467.539	+1.05931
31	+26,167.548	+25,026.446	+0.95639
32	+26,513.837	+28,812.623	+1.08670
33	+26,840.398	+31,242.431	+1.16401
34	+27,524.018	+43,404.165	+1.57696
35	+28,194.860	+46,232.090	+1.63973
36	+28,602.211	+54,330.721	+1.89953
37	+28,820.478	+51,223.240	+1.77732
38	+29,005.708	+50,821.012	+1.75210
39	+29,162.597	+53,166.687	+1.82311
40	+29,175.287	+56,708.996	+1.94373
41	+28,878.949	+52,660.635	+1.82350
42	+28,426.006	+44,878.298	+1.57878

43	+27,977.395	+40,354.522	+1.44240
44	+27,440.371	+42,742.753	+1.55766
45	+26,752.049	+40,188.350	+1.50225
46	+25,139.077	+28,048.335	+1.11573
47	+23,310.604	+55,660.282	+2.38777
48	+21,798.859	+52,696.077	+2.41738

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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	+0.01625	+4,189.79	+15,126.092	+19,320.620	+665.984	+0.000
02	+0.01567	-8,928.61	+14,586.206	+19,320.620	+642.213	+0.000
03	+0.01560	-7,182.64	+14,521.048	+19,230.120	+639.344	+0.000
04	+0.01560	-5,714.76	+14,521.048	+19,230.120	+639.344	+0.000
05	+0.01541	-8,611.35	+14,344.189	+20,082.000	+631.557	+0.000
06	+0.01517	-9,909.20	+14,120.788	+20,082.000	+621.721	+0.000
07	+0.01527	-11,201.16	+14,213.872	+20,017.370	+625.820	+0.000
08	+0.01529	-8,629.97	+14,232.489	+20,017.370	+626.639	+0.000
09	+0.01537	-8,309.57	+14,306.956	+19,037.120	+629.918	+0.000
10	+0.01534	-8,722.52	+14,279.030	+19,037.120	+628.689	+0.000
11	+0.01561	-4,418.77	+14,530.356	+24,072.000	+639.754	+0.000
12	+0.01639	-6,516.53	+15,256.409	+24,072.000	+671.721	+0.000
13	+0.01785	-7,809.76	+16,615.430	+25,485.000	+731.557	+0.000
14	+0.01980	-16,145.66	+18,430.561	+30,380.520	+811.475	+0.000
15	+0.02189	-22,960.66	+20,376.009	+17,780.770	+897.131	+0.000
16	+0.02312	-5,250.89	+21,520.938	+17,780.770	+947.541	+0.000
17	+0.02353	-9,461.09	+21,902.581	+4,895.520	+964.344	+0.000
18	+0.02360	-7,252.81	+21,967.739	+4,895.520	+967.213	+0.000
19	+0.02366	+2,390.83	+22,023.589	+4,895.520	+969.672	+0.000
20	+0.02342	-3,586.42	+21,800.189	+4,895.520	+959.836	+0.000
21	+0.02314	-10,121.34	+21,539.554	+4,895.520	+948.361	+0.000
22	+0.02306	-9,090.01	+21,465.087	+4,895.520	+945.082	+0.000
23	+0.02287	+513.31	+21,288.229	+4,895.520	+937.295	+0.000
24	+0.02269	-5,779.06	+21,120.678	+4,895.520	+929.918	+0.000
25	+0.02265	-7,103.27	+21,083.445	+4,895.520	+928.279	+0.000
26	+0.02242	-9,451.84	+20,869.352	+4,895.520	+918.853	+0.000
27	+0.02215	-15,984.97	+20,618.026	+4,895.520	+907.787	+0.000
28	+0.02194	-14,922.38	+20,422.551	+4,895.520	+899.180	+0.000
29	+0.02186	-14,523.14	+20,348.084	+0.000	+895.902	+0.000
30	+0.02179	-14,323.18	+20,282.925	+0.000	+893.033	+0.000
31	+0.02199	-17,147.85	+20,469.093	+0.000	+901.230	+0.000
32	+0.02228	-13,917.86	+20,739.035	+0.000	+913.115	+0.000
33	+0.02256	-16,920.58	+20,999.669	+4,895.520	+924.590	+0.000
34	+0.02313	-5,852.04	+21,530.246	+4,895.520	+947.951	+0.000
35	+0.02370	-4,117.31	+22,060.823	+4,895.520	+971.312	+0.000
36	+0.02404	+3,329.24	+22,377.307	+4,895.520	+985.246	+0.000
37	+0.02422	+4,772.06	+22,544.858	+0.000	+992.623	+0.000
38	+0.02438	+4,062.97	+22,693.792	+0.000	+999.180	+0.000
39	+0.02451	+6,159.32	+22,814.800	+0.000	+1,004.508	+0.000
40	+0.02452	+4,786.93	+22,824.109	+4,895.520	+1,004.918	+0.000
41	+0.02427	+1,218.04	+22,591.400	+4,895.520	+994.672	+0.000
42	+0.02389	-5,835.50	+22,237.682	+4,895.520	+979.098	+0.000

43	+0.02351	-9,630.48	+21,883.964	+4,895.520	+963.525	+.000
44	+0.02306	-6,379.20	+21,465.087	+4,895.520	+945.082	+.000
45	+0.02248	-2,925.71	+20,925.202	+.000	+921.312	+.000
46	+0.02113	-12,476.58	+19,668.573	+.000	+865.984	+.000
47	+0.01959	-6,743.21	+18,235.085	+24,832.120	+802.869	+.000
48	+0.01832	-7,271.70	+17,052.923	+24,832.120	+750.820	+.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	+1,915.319	+0.000	+13,391.154	+0.000	+0.000
02	+0.000	+1,846.956	+0.000	+12,913.193	+0.000	+0.000
03	+0.000	+1,838.706	+0.000	+12,855.508	+0.000	+0.000
04	+0.000	+1,838.706	+0.000	+12,855.508	+0.000	+0.000
05	+0.000	+1,816.311	+0.000	+12,698.935	+0.000	+0.000
06	+0.000	+1,788.024	+0.000	+12,501.158	+0.000	+0.000
07	+0.000	+1,799.810	+0.000	+12,583.565	+0.000	+0.000
08	+0.000	+1,802.167	+0.000	+12,600.046	+0.000	+0.000
09	+0.000	+1,811.597	+0.000	+12,665.972	+0.000	+0.000
10	+0.000	+1,808.061	+0.000	+12,641.250	+0.000	+0.000
11	+0.000	+1,839.884	+0.000	+12,863.749	+0.000	+0.000
12	+0.000	+1,931.820	+0.000	+13,506.524	+0.000	+0.000
13	+0.000	+2,103.904	+0.000	+14,709.668	+0.000	+0.000
14	+0.000	+2,333.742	+0.000	+16,316.607	+0.000	+0.000
15	+0.000	+2,580.081	+0.000	+18,038.915	+0.000	+0.000
16	+0.000	+2,725.056	+0.000	+19,052.522	+0.000	+0.000
17	+0.000	+2,773.381	+0.000	+19,390.392	+0.000	+0.000
18	+0.000	+2,781.632	+0.000	+19,448.077	+0.000	+0.000
19	+0.000	+2,788.704	+0.000	+19,497.521	+0.000	+0.000
20	+0.000	+2,760.416	+0.000	+19,299.744	+0.000	+0.000
21	+0.000	+2,727.414	+0.000	+19,069.004	+0.000	+0.000
22	+0.000	+2,717.984	+0.000	+19,003.078	+0.000	+0.000
23	+0.000	+2,695.590	+0.000	+18,846.505	+0.000	+0.000
24	+0.000	+2,674.374	+0.000	+18,698.172	+0.000	+0.000
25	+0.000	+2,669.659	+0.000	+18,665.209	+0.000	+0.000
26	+0.000	+2,642.550	+0.000	+18,475.673	+0.000	+0.000
27	+0.000	+2,610.727	+0.000	+18,253.174	+0.000	+0.000
28	+0.000	+2,585.975	+0.000	+18,080.119	+0.000	+0.000
29	+0.000	+2,576.545	+0.000	+18,014.193	+0.000	+0.000
30	+0.000	+2,568.295	+0.000	+17,956.508	+0.000	+0.000
31	+0.000	+2,591.868	+0.000	+18,121.322	+0.000	+0.000
32	+0.000	+2,626.049	+0.000	+18,360.303	+0.000	+0.000
33	+0.000	+2,659.052	+0.000	+18,591.043	+0.000	+0.000
34	+0.000	+2,726.235	+0.000	+19,060.763	+0.000	+0.000
35	+0.000	+2,793.418	+0.000	+19,530.484	+0.000	+0.000
36	+0.000	+2,833.493	+0.000	+19,810.668	+0.000	+0.000
37	+0.000	+2,854.709	+0.000	+19,959.001	+0.000	+0.000
38	+0.000	+2,873.567	+0.000	+20,090.852	+0.000	+0.000
39	+0.000	+2,888.890	+0.000	+20,197.981	+0.000	+0.000
40	+0.000	+2,890.068	+0.000	+20,206.222	+0.000	+0.000
41	+0.000	+2,860.602	+0.000	+20,000.204	+0.000	+0.000
42	+0.000	+2,815.813	+0.000	+19,687.057	+0.000	+0.000

43	+.000	+2,771.024	+.000	+19,373.910	+.000	+.000
44	+.000	+2,717.984	+.000	+19,003.078	+.000	+.000
45	+.000	+2,649.622	+.000	+18,525.117	+.000	+.000
46	+.000	+2,490.503	+.000	+17,412.621	+.000	+.000
47	+.000	+2,308.990	+.000	+16,143.552	+.000	+.000
48	+.000	+2,159.301	+.000	+15,096.981	+.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	+67.087	+0.000	+0.000	+0.000	+0.000	+54,676.045
02	+64.692	+0.000	+0.000	+0.000	+0.000	+40,445.272
03	+64.403	+0.000	+0.000	+0.000	+0.000	+41,966.490
04	+64.403	+0.000	+0.000	+0.000	+0.000	+43,434.370
05	+63.619	+0.000	+0.000	+0.000	+0.000	+41,025.261
06	+62.628	+0.000	+0.000	+0.000	+0.000	+39,267.119
07	+63.041	+0.000	+0.000	+0.000	+0.000	+38,102.318
08	+63.124	+0.000	+0.000	+0.000	+0.000	+40,711.865
09	+63.454	+0.000	+0.000	+0.000	+0.000	+40,205.446
10	+63.330	+0.000	+0.000	+0.000	+0.000	+39,734.959
11	+64.445	+0.000	+0.000	+0.000	+0.000	+49,591.418
12	+67.665	+0.000	+0.000	+0.000	+0.000	+48,989.609
13	+73.692	+0.000	+0.000	+0.000	+0.000	+51,909.491
14	+81.743	+0.000	+0.000	+0.000	+0.000	+52,208.988
15	+90.371	+0.000	+0.000	+0.000	+0.000	+36,802.618
16	+95.449	+0.000	+0.000	+0.000	+0.000	+56,871.387
17	+97.142	+0.000	+0.000	+0.000	+0.000	+40,562.270
18	+97.431	+0.000	+0.000	+0.000	+0.000	+42,904.801
19	+97.678	+0.000	+0.000	+0.000	+0.000	+52,663.515
20	+96.688	+0.000	+0.000	+0.000	+0.000	+46,225.972
21	+95.532	+0.000	+0.000	+0.000	+0.000	+39,154.044
22	+95.201	+0.000	+0.000	+0.000	+0.000	+40,031.943
23	+94.417	+0.000	+0.000	+0.000	+0.000	+49,270.865
24	+93.674	+0.000	+0.000	+0.000	+0.000	+42,633.276
25	+93.509	+0.000	+0.000	+0.000	+0.000	+41,232.351
26	+92.559	+0.000	+0.000	+0.000	+0.000	+38,442.667
27	+91.445	+0.000	+0.000	+0.000	+0.000	+31,391.708
28	+90.578	+0.000	+0.000	+0.000	+0.000	+32,051.542
29	+90.247	+0.000	+0.000	+0.000	+0.000	+27,401.831
30	+89.958	+0.000	+0.000	+0.000	+0.000	+27,467.539
31	+90.784	+0.000	+0.000	+0.000	+0.000	+25,026.446
32	+91.981	+0.000	+0.000	+0.000	+0.000	+28,812.623
33	+93.137	+0.000	+0.000	+0.000	+0.000	+31,242.431
34	+95.490	+0.000	+0.000	+0.000	+0.000	+43,404.165
35	+97.844	+0.000	+0.000	+0.000	+0.000	+46,232.090
36	+99.247	+0.000	+0.000	+0.000	+0.000	+54,330.721
37	+99.990	+0.000	+0.000	+0.000	+0.000	+51,223.240
38	+100.651	+0.000	+0.000	+0.000	+0.000	+50,821.012
39	+101.188	+0.000	+0.000	+0.000	+0.000	+53,166.687
40	+101.229	+0.000	+0.000	+0.000	+0.000	+56,708.996
41	+100.197	+0.000	+0.000	+0.000	+0.000	+52,660.635
42	+98.628	+0.000	+0.000	+0.000	+0.000	+44,878.298



43	+97.059	+.000	+.000	+.000	+.000	+40,354.522
44	+95.201	+.000	+.000	+.000	+.000	+42,742.753
45	+92.807	+.000	+.000	+.000	+.000	+40,188.350
46	+87.234	+.000	+.000	+.000	+.000	+28,048.335
47	+80.876	+.000	+.000	+.000	+.000	+55,660.282
48	+75.633	+.000	+.000	+.000	+.000	+52,696.077