

Date: 23/11/2020

Settlement Day:03/10/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 186

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,424,402.740	+281,788,382.040
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,394,646.280	+278,001,689.960
Balancing Services Contract Cost	+883,833.103	+169,891,805.156
Balancing Services Cost Variable	+1,337,424.330	+73,006,116.050
ESO Incentive Recovery Costs	-19,775.960	+6,070,675.140
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+980.484	+176,168.274
Black Start Availability Costs	+114,868.739	+21,412,753.344
Black Start Other Costs	+2,252.097	+6,756.291
System Operator Internal Costs	+824,071.040	+153,277,213.440
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,173,273.120
EMR Incentive Revenue	+0.000	+0.000
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	+153,277,213.440
Total External Costs	+3,720,536.993	+549,772,920.555
Total Adjusted Energy Volume (MWh)	+1,398,120.305	

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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	+22,366.225	+69,261.159	+3.09669
02	+21,796.167	+91,255.608	+4.18677
03	+21,586.749	+91,762.978	+4.25089
04	+21,587.497	+92,183.748	+4.27024
05	+21,378.078	+91,404.257	+4.27561
06	+21,138.854	+89,257.026	+4.22242
07	+20,976.306	+86,803.851	+4.13819
08	+20,878.908	+86,090.584	+4.12333
09	+20,759.224	+86,079.661	+4.14657
10	+20,951.126	+84,303.136	+4.02380
11	+21,563.007	+64,705.017	+3.00074
12	+22,512.584	+64,779.533	+2.87748
13	+25,698.656	+57,943.088	+2.25471
14	+28,773.316	+53,073.600	+1.84454
15	+31,261.990	+51,481.097	+1.64676
16	+32,706.281	+70,033.110	+2.14127
17	+33,339.351	+71,002.618	+2.12969
18	+33,139.834	+67,627.197	+2.04066
19	+33,560.790	+88,342.738	+2.63232
20	+33,070.440	+80,841.360	+2.44452
21	+32,936.329	+82,962.522	+2.51888
22	+32,563.242	+77,880.137	+2.39166
23	+32,522.286	+80,068.540	+2.46196
24	+32,434.954	+83,753.598	+2.58220
25	+32,641.680	+84,321.169	+2.58324
26	+32,425.957	+82,240.123	+2.53624
27	+32,341.161	+70,506.801	+2.18009
28	+32,163.359	+60,814.991	+1.89082
29	+32,000.479	+72,204.582	+2.25636
30	+32,051.600	+78,153.778	+2.43837
31	+31,690.806	+98,730.823	+3.11544
32	+32,359.302	+94,347.336	+2.91562
33	+33,329.075	+105,734.002	+3.17243
34	+34,025.996	+112,562.361	+3.30813
35	+34,515.028	+113,275.299	+3.28191
36	+34,873.269	+109,433.903	+3.13805
37	+34,858.973	+141,847.738	+4.06919
38	+35,349.524	+155,063.796	+4.38659
39	+35,423.681	+158,080.318	+4.46256
40	+34,863.109	+142,128.733	+4.07677
41	+33,826.433	+136,877.970	+4.04648
42	+32,338.361	+91,493.551	+2.82926

43	+31,180.194	+98,792.665	+3.16844
44	+29,218.784	+126,735.182	+4.33746
45	+27,599.466	+106,065.399	+3.84302
46	+25,472.005	+133,746.672	+5.25073
47	+22,600.302	+155,495.415	+6.88024
48	+21,469.567	+153,023.015	+7.12744

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	Cashflow SO BM Cost (£)	Cashflow SO RR Cost (£)	Total SO Cashflow Cost (£)	Balancing Services Contract Cost (£)	Balancing Services Cost Variable (£)
01	+0.01600	+14,211.65	+0.00	+14,038.56	+14,141.330	+26,222.000
02	+0.01559	+37,393.40	+0.00	+36,776.15	+13,778.958	+26,222.000
03	+0.01544	+38,199.34	+0.00	+37,408.65	+13,646.383	+26,368.750
04	+0.01544	+38,591.29	+0.00	+37,829.42	+13,646.383	+26,368.750
05	+0.01529	+38,043.76	+0.00	+37,328.06	+13,513.808	+26,362.500
06	+0.01512	+36,107.96	+0.00	+35,488.96	+13,363.557	+26,362.500
07	+0.01500	+33,971.70	+0.00	+33,396.29	+13,257.497	+26,219.500
08	+0.01493	+33,394.46	+0.00	+32,809.90	+13,195.628	+26,219.500
09	+0.01485	+32,465.71	+0.00	+32,148.98	+13,124.922	+27,014.500
10	+0.01499	+30,257.96	+0.00	+30,118.70	+13,248.658	+27,014.500
11	+0.01542	+1,705.15	+0.00	+1,687.69	+13,628.706	+35,068.000
12	+0.01610	+549.32	+0.00	+529.68	+14,229.713	+35,068.000
13	+0.01838	-4,094.25	+0.00	-4,197.74	+16,244.852	+28,826.390
14	+0.02058	-6,679.78	+0.00	-6,969.81	+18,189.285	+22,741.390
15	+0.02236	+6,753.21	+0.00	+5,731.37	+19,762.508	+5,221.390
16	+0.02339	+23,311.31	+0.00	+22,416.47	+20,672.856	+5,221.390
17	+0.02385	+22,851.53	+0.00	+22,552.21	+21,079.420	+5,221.390
18	+0.02370	+19,964.02	+0.00	+19,448.67	+20,946.845	+5,221.390
19	+0.02400	+40,444.59	+0.00	+39,620.45	+21,211.994	+5,221.390
20	+0.02365	+33,391.19	+0.00	+32,753.46	+20,902.653	+5,221.390
21	+0.02356	+35,312.91	+0.00	+35,037.75	+20,823.108	+5,221.390
22	+0.02329	+30,657.69	+0.00	+30,444.75	+20,584.473	+5,221.390
23	+0.02326	+32,687.54	+0.00	+32,687.53	+20,557.958	+5,221.390
24	+0.02320	+36,562.46	+0.00	+36,481.34	+20,504.928	+5,221.390
25	+0.02335	+37,385.63	+0.00	+36,777.03	+20,637.503	+5,221.390
26	+0.02319	+35,213.80	+0.00	+34,985.99	+20,496.090	+5,221.390
27	+0.02313	+25,441.05	+0.00	+25,249.25	+20,443.060	+3,333.560
28	+0.02300	+16,052.38	+0.00	+15,793.07	+20,328.161	+3,333.560
29	+0.02289	+22,203.33	+0.00	+22,041.28	+20,230.940	+8,674.320
30	+0.02292	+28,128.16	+0.00	+27,936.10	+20,257.455	+8,674.320
31	+0.02267	+6,651.71	+0.00	+6,409.84	+20,036.496	+51,230.760
32	+0.02314	+1,589.82	+0.00	+1,174.46	+20,451.898	+51,230.760
33	+0.02384	+11,564.21	+0.00	+11,299.99	+21,070.581	+51,223.120
34	+0.02434	+16,553.24	+0.00	+16,361.42	+21,512.498	+52,083.780
35	+0.02469	+7,643.65	+0.00	+7,352.94	+21,821.839	+61,170.810
36	+0.02494	+3,260.15	+0.00	+3,058.41	+22,042.798	+61,170.810
37	+0.02493	+33,901.49	+0.00	+31,309.97	+22,033.959	+65,351.210
38	+0.02528	+50,000.74	+0.00	+43,891.64	+22,343.301	+65,351.210
39	+0.02534	+48,965.46	+0.00	+48,000.15	+22,396.331	+64,150.470
40	+0.02494	+33,107.67	+0.00	+32,773.58	+22,042.798	+64,150.470
41	+0.02419	+31,019.34	+0.00	+30,291.27	+21,379.923	+62,741.420
42	+0.02313	-7,290.83	+0.00	-7,950.47	+20,443.060	+57,520.030

43	+0.02230	+7,886.53	+ .00	+6,823.02	+19,709.478	+51,550.060
44	+0.02090	+38,038.24	+ .00	+37,303.09	+18,472.112	+51,550.060
45	+0.01974	+65,121.60	+ .00	+64,693.50	+17,446.865	+5,592.410
46	+0.01822	+95,361.55	+ .00	+95,129.83	+16,103.439	+5,592.410
47	+0.01616	+105,216.29	+ .00	+104,697.90	+14,282.743	+21,506.910
48	+0.01536	+105,333.41	+ .00	+103,675.53	+13,575.676	+21,506.910

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	ESO Incentive Recovery Costs	Black Start Capital Costs	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)
01	-316.415	+0.000	+15.688	+1,837.900	+36.034	+13,185.137
02	-308.307	+0.000	+15.286	+1,790.804	+35.110	+12,847.268
03	-305.341	+0.000	+15.139	+1,773.573	+34.772	+12,723.657
04	-305.341	+0.000	+15.139	+1,773.573	+34.772	+12,723.657
05	-302.374	+0.000	+14.992	+1,756.343	+34.435	+12,600.046
06	-299.013	+0.000	+14.825	+1,736.815	+34.052	+12,459.954
07	-296.639	+0.000	+14.707	+1,723.031	+33.781	+12,361.066
08	-295.255	+0.000	+14.639	+1,714.990	+33.624	+12,303.381
09	-293.673	+0.000	+14.560	+1,705.801	+33.444	+12,237.455
10	-296.442	+0.000	+14.697	+1,721.882	+33.759	+12,352.825
11	-304.945	+0.000	+15.119	+1,771.276	+34.727	+12,707.175
12	-318.393	+0.000	+15.786	+1,849.387	+36.259	+13,267.544
13	-363.482	+0.000	+18.021	+2,111.287	+41.394	+15,146.426
14	-406.989	+0.000	+20.178	+2,363.999	+46.348	+16,959.382
15	-442.190	+0.000	+21.924	+2,568.465	+50.357	+18,426.228
16	-462.560	+0.000	+22.934	+2,686.780	+52.677	+19,275.022
17	-471.657	+0.000	+23.385	+2,739.619	+53.713	+19,654.094
18	-468.690	+0.000	+23.237	+2,722.389	+53.375	+19,530.484
19	-474.623	+0.000	+23.532	+2,756.850	+54.050	+19,777.705
20	-467.701	+0.000	+23.188	+2,716.646	+53.262	+19,489.280
21	-465.922	+0.000	+23.100	+2,706.307	+53.059	+19,415.114
22	-460.582	+0.000	+22.835	+2,675.293	+52.451	+19,192.615
23	-459.989	+0.000	+22.806	+2,671.847	+52.384	+19,167.892
24	-458.802	+0.000	+22.747	+2,664.955	+52.249	+19,118.448
25	-461.769	+0.000	+22.894	+2,682.185	+52.586	+19,242.059
26	-458.605	+0.000	+22.737	+2,663.806	+52.226	+19,110.207
27	-457.418	+0.000	+22.679	+2,656.914	+52.091	+19,060.763
28	-454.847	+0.000	+22.551	+2,641.981	+51.798	+18,953.634
29	-452.672	+0.000	+22.443	+2,629.345	+51.551	+18,862.986
30	-453.265	+0.000	+22.473	+2,632.791	+51.618	+18,887.708
31	-448.321	+0.000	+22.228	+2,604.074	+51.055	+18,681.690
32	-457.616	+0.000	+22.688	+2,658.063	+52.114	+19,069.004
33	-471.459	+0.000	+23.375	+2,738.471	+53.690	+19,645.854
34	-481.347	+0.000	+23.865	+2,795.905	+54.816	+20,057.889
35	-488.268	+0.000	+24.208	+2,836.109	+55.604	+20,346.314
36	-493.212	+0.000	+24.453	+2,864.826	+56.167	+20,552.332
37	-493.015	+0.000	+24.443	+2,863.678	+56.145	+20,544.091
38	-499.936	+0.000	+24.787	+2,903.882	+56.933	+20,832.516
39	-501.123	+0.000	+24.845	+2,910.774	+57.068	+20,881.960
40	-493.212	+0.000	+24.453	+2,864.826	+56.167	+20,552.332
41	-478.380	+0.000	+23.718	+2,778.675	+54.478	+19,934.278
42	-457.418	+0.000	+22.679	+2,656.914	+52.091	+19,060.763

43	-441.004	+.000	+21.865	+2,561.573	+50.222	+18,376.784
44	-413.318	+.000	+20.492	+2,400.757	+47.069	+17,223.085
45	-390.377	+.000	+19.355	+2,267.509	+44.456	+16,267.162
46	-360.318	+.000	+17.864	+2,092.908	+41.033	+15,014.574
47	-319.580	+.000	+15.845	+1,856.279	+36.394	+13,316.988
48	-303.759	+.000	+15.060	+1,764.384	+34.592	+12,657.731

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)
01	+.000	+100.927	+.000	+.000	+.000	+.000
02	+.000	+98.340	+.000	+.000	+.000	+.000
03	+.000	+97.394	+.000	+.000	+.000	+.000
04	+.000	+97.394	+.000	+.000	+.000	+.000
05	+.000	+96.448	+.000	+.000	+.000	+.000
06	+.000	+95.376	+.000	+.000	+.000	+.000
07	+.000	+94.619	+.000	+.000	+.000	+.000
08	+.000	+94.177	+.000	+.000	+.000	+.000
09	+.000	+93.673	+.000	+.000	+.000	+.000
10	+.000	+94.556	+.000	+.000	+.000	+.000
11	+.000	+97.268	+.000	+.000	+.000	+.000
12	+.000	+101.558	+.000	+.000	+.000	+.000
13	+.000	+115.940	+.000	+.000	+.000	+.000
14	+.000	+129.817	+.000	+.000	+.000	+.000
15	+.000	+141.045	+.000	+.000	+.000	+.000
16	+.000	+147.542	+.000	+.000	+.000	+.000
17	+.000	+150.444	+.000	+.000	+.000	+.000
18	+.000	+149.498	+.000	+.000	+.000	+.000
19	+.000	+151.390	+.000	+.000	+.000	+.000
20	+.000	+149.182	+.000	+.000	+.000	+.000
21	+.000	+148.615	+.000	+.000	+.000	+.000
22	+.000	+146.911	+.000	+.000	+.000	+.000
23	+.000	+146.722	+.000	+.000	+.000	+.000
24	+.000	+146.344	+.000	+.000	+.000	+.000
25	+.000	+147.290	+.000	+.000	+.000	+.000
26	+.000	+146.281	+.000	+.000	+.000	+.000
27	+.000	+145.902	+.000	+.000	+.000	+.000
28	+.000	+145.082	+.000	+.000	+.000	+.000
29	+.000	+144.388	+.000	+.000	+.000	+.000
30	+.000	+144.578	+.000	+.000	+.000	+.000
31	+.000	+143.001	+.000	+.000	+.000	+.000
32	+.000	+145.965	+.000	+.000	+.000	+.000
33	+.000	+150.381	+.000	+.000	+.000	+.000
34	+.000	+153.535	+.000	+.000	+.000	+.000
35	+.000	+155.743	+.000	+.000	+.000	+.000
36	+.000	+157.320	+.000	+.000	+.000	+.000
37	+.000	+157.256	+.000	+.000	+.000	+.000
38	+.000	+159.464	+.000	+.000	+.000	+.000
39	+.000	+159.843	+.000	+.000	+.000	+.000
40	+.000	+157.320	+.000	+.000	+.000	+.000
41	+.000	+152.589	+.000	+.000	+.000	+.000
42	+.000	+145.902	+.000	+.000	+.000	+.000

43	+.000	+140.667	+.000	+.000	+.000	+.000
44	+.000	+131.836	+.000	+.000	+.000	+.000
45	+.000	+124.518	+.000	+.000	+.000	+.000
46	+.000	+114.930	+.000	+.000	+.000	+.000
47	+.000	+101.936	+.000	+.000	+.000	+.000
48	+.000	+96.890	+.000	+.000	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+69,261.159
02	+ .000	+91,255.608
03	+ .000	+91,762.978
04	+ .000	+92,183.748
05	+ .000	+91,404.257
06	+ .000	+89,257.026
07	+ .000	+86,803.851
08	+ .000	+86,090.584
09	+ .000	+86,079.661
10	+ .000	+84,303.136
11	+ .000	+64,705.017
12	+ .000	+64,779.533
13	+ .000	+57,943.088
14	+ .000	+53,073.600
15	+ .000	+51,481.097
16	+ .000	+70,033.110
17	+ .000	+71,002.618
18	+ .000	+67,627.197
19	+ .000	+88,342.738
20	+ .000	+80,841.360
21	+ .000	+82,962.522
22	+ .000	+77,880.137
23	+ .000	+80,068.540
24	+ .000	+83,753.598
25	+ .000	+84,321.169
26	+ .000	+82,240.123
27	+ .000	+70,506.801
28	+ .000	+60,814.991
29	+ .000	+72,204.582
30	+ .000	+78,153.778
31	+ .000	+98,730.823
32	+ .000	+94,347.336
33	+ .000	+105,734.002
34	+ .000	+112,562.361
35	+ .000	+113,275.299
36	+ .000	+109,433.903
37	+ .000	+141,847.738
38	+ .000	+155,063.796
39	+ .000	+158,080.318
40	+ .000	+142,128.733
41	+ .000	+136,877.970
42	+ .000	+91,493.551

43	+.000	+98,792.665
44	+.000	+126,735.182
45	+.000	+106,065.399
46	+.000	+133,746.672
47	+.000	+155,495.415
48	+.000	+153,023.015