

Date: 10/12/2019

Settlement Day:17/11/2019

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: 231

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+ .000	+ .000
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+1,066,012.730	+384,240,790.090
Balancing Services Contract Cost	+781,285.512	+205,218,134.081
Balancing Services Cost Variable	+543,040.380	+99,289,223.675
ESO Incentive Recovery Costs	+ .000	+7,000,000.000
Black Start Capital Costs	+ .000	+ .000
Black Start Testing Costs	+ .000	+ .000
Black Start Availability Costs	+124,335.080	+27,034,498.516
Black Start Other Costs	+ .000	+ .000
System Operator Internal Costs	+824,071.040	+190,360,410.240
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+4,128.420	+953,665.020
ESO Incentive Recovery t-1	+80,000.000	+3,200,000.000
ALoMCP Recovery	-81,709.830	-3,268,393.200
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+824,071.040	+190,360,410.240
Total External Costs	+2,517,092.292	+723,667,918.182
Total Adjusted Energy Volume (MWh)	+1,419,103.814	

Date: 10/12/2019

Settlement Day:17/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+24,781.430	+72,523.054	+2.92651
02	+24,854.358	+78,707.250	+3.16674
03	+24,605.670	+79,646.421	+3.23691
04	+24,343.352	+73,384.870	+3.01458
05	+24,088.342	+70,763.270	+2.93766
06	+23,762.755	+63,510.815	+2.67270
07	+23,631.021	+64,841.545	+2.74392
08	+23,374.596	+68,392.485	+2.92593
09	+23,061.869	+67,194.591	+2.91367
10	+22,793.719	+65,882.030	+2.89036
11	+23,184.009	+66,908.081	+2.88596
12	+23,440.588	+65,241.621	+2.78328
13	+23,994.022	+64,656.814	+2.69471
14	+24,915.189	+57,102.166	+2.29186
15	+25,961.593	+43,674.876	+1.68229
16	+26,430.763	+42,947.392	+1.62490
17	+27,205.624	+34,659.653	+1.27399
18	+28,265.935	+56,966.636	+2.01538
19	+29,149.534	+47,510.814	+1.62990
20	+30,031.787	+61,973.362	+2.06359
21	+30,589.845	+61,650.706	+2.01540
22	+30,970.259	+60,588.635	+1.95635
23	+31,389.086	+63,300.578	+2.01664
24	+31,719.195	+57,680.763	+1.81848
25	+32,177.422	+63,721.269	+1.98031
26	+32,408.905	+67,519.497	+2.08336
27	+32,254.606	+68,718.575	+2.13050
28	+32,385.906	+63,076.495	+1.94765
29	+32,724.949	+58,878.692	+1.79920
30	+32,874.637	+54,691.794	+1.66365
31	+33,568.310	+60,202.027	+1.79342
32	+34,179.434	+75,680.865	+2.21422
33	+35,425.239	+97,177.571	+2.74317
34	+37,041.033	+112,174.097	+3.02837
35	+37,797.227	+128,032.165	+3.38734
36	+37,428.129	+116,597.037	+3.11522
37	+36,680.000	+103,410.279	+2.81926
38	+36,556.435	+89,505.689	+2.44842
39	+36,122.311	+94,472.095	+2.61534
40	+35,078.978	+85,201.855	+2.42886
41	+34,730.342	+81,499.787	+2.34665
42	+33,270.794	+66,984.054	+2.01330

43	+32,104.673	+69,062.083	+2.15115
44	+30,473.933	+42,940.766	+1.40910
45	+29,225.482	+50,157.639	+1.71623
46	+27,758.094	+52,820.656	+1.90289
47	+25,794.192	+66,818.984	+2.59047
48	+24,498.242	+82,007.002	+3.34746

Date: 10/12/2019

Settlement Day:17/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+0.01746	+0.00	+0.00	+10,897.91	+13,641.245	+31,382.500
02	+0.01751	+0.00	+0.00	+16,995.50	+13,680.309	+31,382.500
03	+0.01734	+0.00	+0.00	+18,229.13	+13,547.491	+31,382.500
04	+0.01715	+0.00	+0.00	+12,296.68	+13,399.047	+31,382.500
05	+0.01697	+0.00	+0.00	+9,986.86	+13,258.415	+31,382.500
06	+0.01674	+0.00	+0.00	+3,132.79	+13,078.719	+31,382.500
07	+0.01665	+0.00	+0.00	+4,619.41	+13,008.404	+31,382.500
08	+0.01647	+0.00	+0.00	+8,482.13	+12,867.772	+31,382.500
09	+0.01625	+0.00	+0.00	+7,665.30	+12,695.890	+31,382.500
10	+0.01606	+0.00	+0.00	+6,681.84	+12,547.445	+31,382.500
11	+0.01634	+0.00	+0.00	+7,222.90	+12,766.205	+31,382.500
12	+0.01652	+0.00	+0.00	+5,244.66	+12,906.837	+31,382.500
13	+0.01691	+0.00	+0.00	+4,316.83	+13,211.538	+31,050.000
14	+0.01756	+0.00	+0.00	-4,363.69	+13,719.374	+31,050.000
15	+0.01829	+0.00	+0.00	+11,994.58	+14,289.712	+0.000
16	+0.01862	+0.00	+0.00	+10,695.50	+14,547.536	+0.000
17	+0.01917	+0.00	+0.00	+1,455.10	+14,977.243	+0.000
18	+0.01992	+0.00	+0.00	+22,463.00	+15,563.207	+0.000
19	+0.02054	+0.00	+0.00	+11,933.27	+16,047.604	+0.000
20	+0.02116	+0.00	+0.00	+25,321.91	+16,532.001	+0.000
21	+0.02156	+0.00	+0.00	+24,306.41	+16,844.516	+0.000
22	+0.02182	+0.00	+0.00	+17,414.05	+17,047.650	+5,379.940
23	+0.02212	+0.00	+0.00	+19,606.36	+17,282.036	+5,379.940
24	+0.02235	+0.00	+0.00	+13,588.16	+17,461.731	+5,379.940
25	+0.02267	+0.00	+0.00	+19,074.39	+17,711.743	+5,379.940
26	+0.02284	+0.00	+0.00	+22,578.16	+17,844.561	+5,379.940
27	+0.02273	+0.00	+0.00	+23,967.77	+17,758.620	+5,379.940
28	+0.02282	+0.00	+0.00	+23,549.74	+17,828.935	+0.000
29	+0.02306	+0.00	+0.00	+18,936.23	+18,016.444	+0.000
30	+0.02317	+0.00	+0.00	+14,558.80	+18,102.385	+0.000
31	+0.02365	+0.00	+0.00	+19,237.62	+18,477.402	+0.000
32	+0.02409	+0.00	+0.00	+33,954.33	+18,821.168	+0.000
33	+0.02496	+0.00	+0.00	+48,564.16	+19,500.886	+5,379.940
34	+0.02610	+0.00	+0.00	+61,586.08	+20,391.552	+5,379.940
35	+0.02663	+0.00	+0.00	+76,526.13	+20,805.633	+5,379.940
36	+0.02637	+0.00	+0.00	+65,541.35	+20,602.499	+5,379.940
37	+0.02585	+0.00	+0.00	+53,255.29	+20,196.230	+5,379.940
38	+0.02576	+0.00	+0.00	+39,506.59	+20,125.915	+5,379.940
39	+0.02545	+0.00	+0.00	+45,009.95	+19,883.716	+5,379.940
40	+0.02472	+0.00	+0.00	+42,384.09	+19,313.378	+0.000
41	+0.02447	+0.00	+0.00	+39,115.05	+19,118.056	+0.000
42	+0.02344	+0.00	+0.00	+26,383.39	+18,313.332	+0.000

43	+0.02262	+.00	+.00	+29,881.75	+17,672.678	+.000
44	+0.02147	+.00	+.00	+5,752.36	+16,774.200	+.000
45	+0.02059	+.00	+.00	+2,305.91	+16,086.669	+12,187.580
46	+0.01956	+.00	+.00	+6,753.00	+15,281.945	+12,187.580
47	+0.01818	+.00	+.00	+30,311.22	+14,203.771	+5,018.000
48	+0.01726	+.00	+.00	+47,092.78	+13,484.988	+5,018.000

Date: 10/12/2019

Settlement Day:17/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+0.000	+0.000	+0.000	+2,170.890	+0.000	+14,388.280
02	+0.000	+0.000	+0.000	+2,177.107	+0.000	+14,429.484
03	+0.000	+0.000	+0.000	+2,155.970	+0.000	+14,289.392
04	+0.000	+0.000	+0.000	+2,132.347	+0.000	+14,132.818
05	+0.000	+0.000	+0.000	+2,109.966	+0.000	+13,984.486
06	+0.000	+0.000	+0.000	+2,081.369	+0.000	+13,794.949
07	+0.000	+0.000	+0.000	+2,070.179	+0.000	+13,720.783
08	+0.000	+0.000	+0.000	+2,047.799	+0.000	+13,572.450
09	+0.000	+0.000	+0.000	+2,020.445	+0.000	+13,391.154
10	+0.000	+0.000	+0.000	+1,996.821	+0.000	+13,234.581
11	+0.000	+0.000	+0.000	+2,031.635	+0.000	+13,465.321
12	+0.000	+0.000	+0.000	+2,054.016	+0.000	+13,613.654
13	+0.000	+0.000	+0.000	+2,102.506	+0.000	+13,935.041
14	+0.000	+0.000	+0.000	+2,183.324	+0.000	+14,470.687
15	+0.000	+0.000	+0.000	+2,274.089	+0.000	+15,072.259
16	+0.000	+0.000	+0.000	+2,315.119	+0.000	+15,344.203
17	+0.000	+0.000	+0.000	+2,383.503	+0.000	+15,797.442
18	+0.000	+0.000	+0.000	+2,476.755	+0.000	+16,415.495
19	+0.000	+0.000	+0.000	+2,553.843	+0.000	+16,926.419
20	+0.000	+0.000	+0.000	+2,630.930	+0.000	+17,437.343
21	+0.000	+0.000	+0.000	+2,680.664	+0.000	+17,766.972
22	+0.000	+0.000	+0.000	+2,712.991	+0.000	+17,981.230
23	+0.000	+0.000	+0.000	+2,750.292	+0.000	+18,228.451
24	+0.000	+0.000	+0.000	+2,778.889	+0.000	+18,417.988
25	+0.000	+0.000	+0.000	+2,818.676	+0.000	+18,681.690
26	+0.000	+0.000	+0.000	+2,839.813	+0.000	+18,821.783
27	+0.000	+0.000	+0.000	+2,826.136	+0.000	+18,731.135
28	+0.000	+0.000	+0.000	+2,837.327	+0.000	+18,805.301
29	+0.000	+0.000	+0.000	+2,867.167	+0.000	+19,003.078
30	+0.000	+0.000	+0.000	+2,880.844	+0.000	+19,093.726
31	+0.000	+0.000	+0.000	+2,940.525	+0.000	+19,489.280
32	+0.000	+0.000	+0.000	+2,995.232	+0.000	+19,851.871
33	+0.000	+0.000	+0.000	+3,103.404	+0.000	+20,568.813
34	+0.000	+0.000	+0.000	+3,245.146	+0.000	+21,508.254
35	+0.000	+0.000	+0.000	+3,311.043	+0.000	+21,945.012
36	+0.000	+0.000	+0.000	+3,278.716	+0.000	+21,730.753
37	+0.000	+0.000	+0.000	+3,214.062	+0.000	+21,302.236
38	+0.000	+0.000	+0.000	+3,202.872	+0.000	+21,228.070
39	+0.000	+0.000	+0.000	+3,164.328	+0.000	+20,972.608
40	+0.000	+0.000	+0.000	+3,073.563	+0.000	+20,371.036
41	+0.000	+0.000	+0.000	+3,042.479	+0.000	+20,165.018
42	+0.000	+0.000	+0.000	+2,914.414	+0.000	+19,316.225

43	+.000	+.000	+.000	+2,812.460	+.000	+18,640.487
44	+.000	+.000	+.000	+2,669.474	+.000	+17,692.805
45	+.000	+.000	+.000	+2,560.059	+.000	+16,967.623
46	+.000	+.000	+.000	+2,431.994	+.000	+16,118.830
47	+.000	+.000	+.000	+2,260.412	+.000	+14,981.612
48	+.000	+.000	+.000	+2,146.023	+.000	+14,223.466

Date: 10/12/2019

Settlement Day:17/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+72.082	+1,396.800	-1,426.654	+.000
02	+.000	+.000	+72.289	+1,400.800	-1,430.739	+.000
03	+.000	+.000	+71.587	+1,387.200	-1,416.848	+.000
04	+.000	+.000	+70.802	+1,372.000	-1,401.324	+.000
05	+.000	+.000	+70.059	+1,357.600	-1,386.616	+.000
06	+.000	+.000	+69.110	+1,339.200	-1,367.823	+.000
07	+.000	+.000	+68.738	+1,332.000	-1,360.469	+.000
08	+.000	+.000	+67.995	+1,317.600	-1,345.761	+.000
09	+.000	+.000	+67.087	+1,300.000	-1,327.785	+.000
10	+.000	+.000	+66.302	+1,284.800	-1,312.260	+.000
11	+.000	+.000	+67.458	+1,307.200	-1,335.139	+.000
12	+.000	+.000	+68.201	+1,321.600	-1,349.846	+.000
13	+.000	+.000	+69.812	+1,352.800	-1,381.713	+.000
14	+.000	+.000	+72.495	+1,404.800	-1,434.825	+.000
15	+.000	+.000	+75.509	+1,463.200	-1,494.473	+.000
16	+.000	+.000	+76.871	+1,489.600	-1,521.437	+.000
17	+.000	+.000	+79.142	+1,533.600	-1,566.377	+.000
18	+.000	+.000	+82.238	+1,593.600	-1,627.660	+.000
19	+.000	+.000	+84.798	+1,643.200	-1,678.320	+.000
20	+.000	+.000	+87.357	+1,692.800	-1,728.980	+.000
21	+.000	+.000	+89.009	+1,724.800	-1,761.664	+.000
22	+.000	+.000	+90.082	+1,745.600	-1,782.908	+.000
23	+.000	+.000	+91.321	+1,769.600	-1,807.421	+.000
24	+.000	+.000	+92.270	+1,788.000	-1,826.215	+.000
25	+.000	+.000	+93.591	+1,813.600	-1,852.362	+.000
26	+.000	+.000	+94.293	+1,827.200	-1,866.253	+.000
27	+.000	+.000	+93.839	+1,818.400	-1,857.264	+.000
28	+.000	+.000	+94.211	+1,825.600	-1,864.618	+.000
29	+.000	+.000	+95.201	+1,844.800	-1,884.229	+.000
30	+.000	+.000	+95.655	+1,853.600	-1,893.217	+.000
31	+.000	+.000	+97.637	+1,892.000	-1,932.437	+.000
32	+.000	+.000	+99.454	+1,927.200	-1,968.390	+.000
33	+.000	+.000	+103.045	+1,996.800	-2,039.477	+.000
34	+.000	+.000	+107.752	+2,088.000	-2,132.627	+.000
35	+.000	+.000	+109.940	+2,130.400	-2,175.933	+.000
36	+.000	+.000	+108.866	+2,109.600	-2,154.688	+.000
37	+.000	+.000	+106.720	+2,068.000	-2,112.199	+.000
38	+.000	+.000	+106.348	+2,060.800	-2,104.845	+.000
39	+.000	+.000	+105.068	+2,036.000	-2,079.515	+.000
40	+.000	+.000	+102.055	+1,977.600	-2,019.867	+.000
41	+.000	+.000	+101.022	+1,957.600	-1,999.440	+.000
42	+.000	+.000	+96.770	+1,875.200	-1,915.278	+.000

43	+.000	+.000	+93.385	+1,809.600	-1,848.276	+.000
44	+.000	+.000	+88.637	+1,717.600	-1,754.310	+.000
45	+.000	+.000	+85.004	+1,647.200	-1,682.405	+.000
46	+.000	+.000	+80.752	+1,564.800	-1,598.244	+.000
47	+.000	+.000	+75.055	+1,454.400	-1,485.485	+.000
48	+.000	+.000	+71.257	+1,380.800	-1,410.312	+.000

Date: 10/12/2019

Settlement Day:17/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+72,523.054
02	+ .000	+78,707.250
03	+ .000	+79,646.421
04	+ .000	+73,384.870
05	+ .000	+70,763.270
06	+ .000	+63,510.815
07	+ .000	+64,841.545
08	+ .000	+68,392.485
09	+ .000	+67,194.591
10	+ .000	+65,882.030
11	+ .000	+66,908.081
12	+ .000	+65,241.621
13	+ .000	+64,656.814
14	+ .000	+57,102.166
15	+ .000	+43,674.876
16	+ .000	+42,947.392
17	+ .000	+34,659.653
18	+ .000	+56,966.636
19	+ .000	+47,510.814
20	+ .000	+61,973.362
21	+ .000	+61,650.706
22	+ .000	+60,588.635
23	+ .000	+63,300.578
24	+ .000	+57,680.763
25	+ .000	+63,721.269
26	+ .000	+67,519.497
27	+ .000	+68,718.575
28	+ .000	+63,076.495
29	+ .000	+58,878.692
30	+ .000	+54,691.794
31	+ .000	+60,202.027
32	+ .000	+75,680.865
33	+ .000	+97,177.571
34	+ .000	+112,174.097
35	+ .000	+128,032.165
36	+ .000	+116,597.037
37	+ .000	+103,410.279
38	+ .000	+89,505.689
39	+ .000	+94,472.095
40	+ .000	+85,201.855
41	+ .000	+81,499.787
42	+ .000	+66,984.054

43	+.000	+69,062.083
44	+.000	+42,940.766
45	+.000	+50,157.639
46	+.000	+52,820.656
47	+.000	+66,818.984
48	+.000	+82,007.002