

Date: 28/11/2022

Settlement Day:03/11/2022

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:22/23

Internal Scheme Name:2022/2023

Internal Scheme Day: 217

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	+9,536,296.500	+677,995,734.620
Balancing Services Contract Cost	+3,059,196.449	+609,656,979.284
Balancing Services Cost Variable	+2,429,287.936	+924,527,732.374
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+ .000	+5,280,663.760
Black Start Testing Costs	+ .000	+225,432.650
Black Start Availability Costs	+106,435.840	+22,384,855.560
Black Start Other Costs	+2,000,000.000	+68,000,000.000
System Operator Internal Costs	+1,051,037.140	+228,075,059.380
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	+3,680.000	+798,560.000
ALoMCP Recovery	+32,876.710	+7,134,246.070
CMP 381 Deferral	+133,716.110	+24,737,480.350
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+228,075,059.380
Total External Costs	+17,301,489.545	+2,340,741,684.668
Total Adjusted Energy Volume (MWh)	+1,386,474.745	

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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	+23,512.951	+627,869.529	+26.70314
02	+23,668.451	+640,377.362	+27.05616
03	+23,322.845	+610,574.262	+26.17924
04	+22,825.435	+572,172.252	+25.06731
05	+22,449.323	+532,493.718	+23.71981
06	+22,150.668	+538,792.030	+24.32396
07	+21,953.161	+525,660.094	+23.94462
08	+21,746.706	+573,411.582	+26.36774
09	+21,401.345	+527,622.246	+24.65370
10	+21,459.884	+511,136.614	+23.81824
11	+22,070.835	+489,745.609	+22.18972
12	+23,076.673	+488,632.697	+21.17431
13	+25,452.412	+429,652.210	+16.88061
14	+28,118.499	+455,963.129	+16.21577
15	+30,548.841	+428,587.438	+14.02958
16	+32,115.136	+450,741.582	+14.03518
17	+32,887.643	+370,912.200	+11.27816
18	+33,019.592	+374,037.074	+11.32773
19	+32,814.012	+323,454.778	+9.85722
20	+32,804.854	+341,992.839	+10.42507
21	+32,622.494	+336,210.551	+10.30610
22	+32,268.027	+309,176.446	+9.58151
23	+31,787.219	+274,955.556	+8.64988
24	+31,777.418	+286,191.506	+9.00613
25	+31,509.287	+267,606.787	+8.49295
26	+31,218.426	+237,768.579	+7.61629
27	+30,853.219	+306,091.310	+9.92089
28	+30,494.856	+295,493.205	+9.68994
29	+30,421.771	+356,121.318	+11.70613
30	+30,533.394	+311,969.923	+10.21734
31	+30,807.613	+337,799.907	+10.96482
32	+31,757.302	+364,532.327	+11.47869
33	+32,736.073	+415,864.432	+12.70355
34	+34,368.422	+529,188.033	+15.39751
35	+35,828.713	+440,444.223	+12.29305
36	+35,883.745	+429,884.660	+11.97993
37	+35,380.249	+379,853.251	+10.73631
38	+34,696.010	+296,324.630	+8.54060
39	+33,860.763	+294,216.320	+8.68900
40	+32,861.700	+274,143.921	+8.34235
41	+31,954.610	+301,280.954	+9.42840
42	+30,971.385	+326,926.005	+10.55574

43	+29,683.538	+236,442.094	+7.96543
44	+28,077.321	+221,303.281	+7.88192
45	+26,677.409	+207,814.364	+7.78990
46	+25,082.255	+194,609.530	+7.75885
47	+23,131.662	+148,382.617	+6.41470
48	+21,830.598	+158,037.840	+7.23928

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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	+0.01696	+0.00	+0.00	+501,046.79	+51,883.972	+18,500.198
02	+0.01707	+0.00	+0.00	+512,852.06	+52,220.483	+18,500.198
03	+0.01682	+0.00	+0.00	+481,426.93	+51,455.684	+21,718.963
04	+0.01646	+0.00	+0.00	+445,324.22	+50,354.374	+21,718.963
05	+0.01619	+0.00	+0.00	+412,137.76	+49,528.391	+16,951.363
06	+0.01598	+0.00	+0.00	+419,777.33	+48,885.959	+16,951.363
07	+0.01583	+0.00	+0.00	+407,639.68	+48,427.080	+16,915.118
08	+0.01568	+0.00	+0.00	+456,349.21	+47,968.200	+16,915.118
09	+0.01544	+0.00	+0.00	+416,338.80	+47,233.993	+12,669.058
10	+0.01548	+0.00	+0.00	+399,597.69	+47,356.361	+12,669.058
11	+0.01592	+0.00	+0.00	+377,912.74	+48,702.407	+10,152.748
12	+0.01664	+0.00	+0.00	+372,201.23	+50,905.029	+10,152.748
13	+0.01836	+0.00	+0.00	+284,387.95	+56,166.847	+28,000.000
14	+0.02028	+0.00	+0.00	+298,435.94	+62,040.504	+28,000.000
15	+0.02203	+0.00	+0.00	+176,382.05	+67,394.098	+111,501.050
16	+0.02316	+0.00	+0.00	+191,318.95	+70,850.990	+111,501.050
17	+0.02372	+0.00	+0.00	+179,976.92	+72,564.140	+39,437.010
18	+0.02382	+0.00	+0.00	+182,463.10	+72,870.059	+39,437.010
19	+0.02367	+0.00	+0.00	+135,551.34	+72,411.180	+36,724.515
20	+0.02366	+0.00	+0.00	+154,153.27	+72,380.588	+36,724.515
21	+0.02353	+0.00	+0.00	+185,925.80	+71,982.892	+0.000
22	+0.02327	+0.00	+0.00	+160,552.30	+71,187.501	+0.000
23	+0.02293	+0.00	+0.00	+128,502.97	+70,147.375	+0.000
24	+0.02292	+0.00	+0.00	+139,802.79	+70,116.783	+0.000
25	+0.02273	+0.00	+0.00	+122,431.59	+69,535.535	+0.000
26	+0.02252	+0.00	+0.00	+93,934.64	+68,893.104	+0.000
27	+0.02225	+0.00	+0.00	+81,949.57	+68,067.121	+82,032.275
28	+0.02199	+0.00	+0.00	+73,012.07	+67,271.730	+82,032.275
29	+0.02194	+0.00	+0.00	+50,880.17	+67,118.770	+165,111.635
30	+0.02202	+0.00	+0.00	+6,217.82	+67,363.506	+165,111.635
31	+0.02222	+0.00	+0.00	+30,758.32	+67,975.345	+165,123.730
32	+0.02291	+0.00	+0.00	+53,083.75	+70,086.191	+165,123.730
33	+0.02361	+0.00	+0.00	+60,231.13	+72,227.628	+204,837.595
34	+0.02479	+0.00	+0.00	+166,018.14	+75,837.480	+204,837.595
35	+0.02584	+0.00	+0.00	+194,199.16	+79,049.636	+81,206.475
36	+0.02588	+0.00	+0.00	+183,384.12	+79,172.004	+81,206.475
37	+0.02552	+0.00	+0.00	+171,286.37	+78,070.693	+45,572.115
38	+0.02502	+0.00	+0.00	+90,951.22	+76,541.095	+45,572.115
39	+0.02442	+0.00	+0.00	+130,229.59	+74,705.577	+8,017.600
40	+0.02370	+0.00	+0.00	+114,755.79	+72,502.956	+8,017.600
41	+0.02305	+0.00	+0.00	+118,083.31	+70,514.478	+35,978.625
42	+0.02234	+0.00	+0.00	+148,263.09	+68,342.449	+35,978.625

43	+0.02141	+.00	+.00	+56,397.40	+65,497.396	+43,300.260
44	+0.02025	+.00	+.00	+48,667.44	+61,948.728	+43,300.260
45	+0.01924	+.00	+.00	+14,035.96	+58,858.940	+70,893.635
46	+0.01809	+.00	+.00	+8,176.11	+55,340.864	+70,893.635
47	+0.01668	+.00	+.00	+41,848.42	+51,027.397	+.000
48	+0.01575	+.00	+.00	+57,443.50	+48,182.344	+.000

Date: 28/11/2022

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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	+1,805.152	+33,920.000	+17,825.590
02	+0.000	+0.000	+0.000	+1,816.860	+34,140.000	+17,941.204
03	+0.000	+0.000	+0.000	+1,790.251	+33,640.000	+17,678.445
04	+0.000	+0.000	+0.000	+1,751.934	+32,920.000	+17,300.071
05	+0.000	+0.000	+0.000	+1,723.196	+32,380.000	+17,016.291
06	+0.000	+0.000	+0.000	+1,700.845	+31,960.000	+16,795.573
07	+0.000	+0.000	+0.000	+1,684.879	+31,660.000	+16,637.918
08	+0.000	+0.000	+0.000	+1,668.914	+31,360.000	+16,480.262
09	+0.000	+0.000	+0.000	+1,643.369	+30,880.000	+16,228.013
10	+0.000	+0.000	+0.000	+1,647.627	+30,960.000	+16,270.055
11	+0.000	+0.000	+0.000	+1,694.459	+31,840.000	+16,732.511
12	+0.000	+0.000	+0.000	+1,771.092	+33,280.000	+17,489.258
13	+0.000	+0.000	+0.000	+1,954.162	+36,720.000	+19,297.042
14	+0.000	+0.000	+0.000	+2,158.519	+40,560.000	+21,315.033
15	+0.000	+0.000	+0.000	+2,344.782	+44,060.000	+23,154.348
16	+0.000	+0.000	+0.000	+2,465.054	+46,320.000	+24,342.020
17	+0.000	+0.000	+0.000	+2,524.658	+47,440.000	+24,930.601
18	+0.000	+0.000	+0.000	+2,535.302	+47,640.000	+25,035.705
19	+0.000	+0.000	+0.000	+2,519.336	+47,340.000	+24,878.049
20	+0.000	+0.000	+0.000	+2,518.272	+47,320.000	+24,867.539
21	+0.000	+0.000	+0.000	+2,504.435	+47,060.000	+24,730.904
22	+0.000	+0.000	+0.000	+2,476.762	+46,540.000	+24,457.634
23	+0.000	+0.000	+0.000	+2,440.574	+45,860.000	+24,100.282
24	+0.000	+0.000	+0.000	+2,439.509	+45,840.000	+24,089.771
25	+0.000	+0.000	+0.000	+2,419.287	+45,460.000	+23,890.074
26	+0.000	+0.000	+0.000	+2,396.935	+45,040.000	+23,669.356
27	+0.000	+0.000	+0.000	+2,368.197	+44,500.000	+23,385.576
28	+0.000	+0.000	+0.000	+2,340.524	+43,980.000	+23,112.307
29	+0.000	+0.000	+0.000	+2,335.202	+43,880.000	+23,059.755
30	+0.000	+0.000	+0.000	+2,343.717	+44,040.000	+23,143.838
31	+0.000	+0.000	+0.000	+2,365.004	+44,440.000	+23,354.045
32	+0.000	+0.000	+0.000	+2,438.445	+45,820.000	+24,079.261
33	+0.000	+0.000	+0.000	+2,512.950	+47,220.000	+24,814.987
34	+0.000	+0.000	+0.000	+2,638.544	+49,580.000	+26,055.211
35	+0.000	+0.000	+0.000	+2,750.302	+51,680.000	+27,158.800
36	+0.000	+0.000	+0.000	+2,754.560	+51,760.000	+27,200.841
37	+0.000	+0.000	+0.000	+2,716.243	+51,040.000	+26,822.468
38	+0.000	+0.000	+0.000	+2,663.025	+50,040.000	+26,296.949
39	+0.000	+0.000	+0.000	+2,599.163	+48,840.000	+25,666.327
40	+0.000	+0.000	+0.000	+2,522.529	+47,400.000	+24,909.580
41	+0.000	+0.000	+0.000	+2,453.346	+46,100.000	+24,226.406
42	+0.000	+0.000	+0.000	+2,377.777	+44,680.000	+23,480.170

43	+.000	+.000	+.000	+2,278.791	+42,820.000	+22,502.705
44	+.000	+.000	+.000	+2,155.326	+40,500.000	+21,283.502
45	+.000	+.000	+.000	+2,047.826	+38,480.000	+20,221.955
46	+.000	+.000	+.000	+1,925.424	+36,180.000	+19,013.262
47	+.000	+.000	+.000	+1,775.350	+33,360.000	+17,531.299
48	+.000	+.000	+.000	+1,676.364	+31,500.000	+16,553.835

Date: 28/11/2022

Settlement Day:03/11/2022

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	SO-TO Outage Costs	ALoMCP Recovery	CMP 381 Deferral	Wind forecast Incentive(£)
01	+.000	+.000	+62.413	+557.589	+2,267.825	+.000
02	+.000	+.000	+62.818	+561.205	+2,282.534	+.000
03	+.000	+.000	+61.898	+552.986	+2,249.105	+.000
04	+.000	+.000	+60.573	+541.151	+2,200.967	+.000
05	+.000	+.000	+59.579	+532.274	+2,164.864	+.000
06	+.000	+.000	+58.806	+525.370	+2,136.783	+.000
07	+.000	+.000	+58.254	+520.438	+2,116.726	+.000
08	+.000	+.000	+57.702	+515.507	+2,096.669	+.000
09	+.000	+.000	+56.819	+507.616	+2,064.577	+.000
10	+.000	+.000	+56.966	+508.931	+2,069.925	+.000
11	+.000	+.000	+58.586	+523.397	+2,128.760	+.000
12	+.000	+.000	+61.235	+547.068	+2,225.036	+.000
13	+.000	+.000	+67.565	+603.616	+2,455.028	+.000
14	+.000	+.000	+74.630	+666.740	+2,711.763	+.000
15	+.000	+.000	+81.070	+724.274	+2,945.766	+.000
16	+.000	+.000	+85.229	+761.425	+3,096.865	+.000
17	+.000	+.000	+87.290	+779.836	+3,171.746	+.000
18	+.000	+.000	+87.658	+783.123	+3,185.118	+.000
19	+.000	+.000	+87.106	+778.192	+3,165.060	+.000
20	+.000	+.000	+87.069	+777.863	+3,163.723	+.000
21	+.000	+.000	+86.590	+773.589	+3,146.340	+.000
22	+.000	+.000	+85.634	+765.041	+3,111.574	+.000
23	+.000	+.000	+84.382	+753.863	+3,066.110	+.000
24	+.000	+.000	+84.346	+753.534	+3,064.773	+.000
25	+.000	+.000	+83.646	+747.288	+3,039.367	+.000
26	+.000	+.000	+82.874	+740.384	+3,011.287	+.000
27	+.000	+.000	+81.880	+731.507	+2,975.183	+.000
28	+.000	+.000	+80.923	+722.959	+2,940.417	+.000
29	+.000	+.000	+80.739	+721.315	+2,933.731	+.000
30	+.000	+.000	+81.034	+723.945	+2,944.429	+.000
31	+.000	+.000	+81.770	+730.520	+2,971.172	+.000
32	+.000	+.000	+84.309	+753.205	+3,063.436	+.000
33	+.000	+.000	+86.885	+776.219	+3,157.037	+.000
34	+.000	+.000	+91.227	+815.014	+3,314.822	+.000
35	+.000	+.000	+95.091	+849.534	+3,455.224	+.000
36	+.000	+.000	+95.238	+850.849	+3,460.573	+.000
37	+.000	+.000	+93.914	+839.014	+3,412.435	+.000
38	+.000	+.000	+92.074	+822.575	+3,345.577	+.000
39	+.000	+.000	+89.866	+802.849	+3,265.347	+.000
40	+.000	+.000	+87.216	+779.178	+3,169.072	+.000
41	+.000	+.000	+84.824	+757.808	+3,082.156	+.000
42	+.000	+.000	+82.211	+734.466	+2,987.218	+.000



43	+.000	+.000	+78.789	+703.890	+2,862.862	+.000
44	+.000	+.000	+74.520	+665.753	+2,707.751	+.000
45	+.000	+.000	+70.803	+632.548	+2,572.698	+.000
46	+.000	+.000	+66.571	+594.740	+2,418.924	+.000
47	+.000	+.000	+61.382	+548.384	+2,230.385	+.000
48	+.000	+.000	+57.960	+517.808	+2,106.029	+.000

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SAA Run Number:02

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NGESO Version Id:01

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	+627,869.529
02	+ .000	+640,377.362
03	+ .000	+610,574.262
04	+ .000	+572,172.252
05	+ .000	+532,493.718
06	+ .000	+538,792.030
07	+ .000	+525,660.094
08	+ .000	+573,411.582
09	+ .000	+527,622.246
10	+ .000	+511,136.614
11	+ .000	+489,745.609
12	+ .000	+488,632.697
13	+ .000	+429,652.210
14	+ .000	+455,963.129
15	+ .000	+428,587.438
16	+ .000	+450,741.582
17	+ .000	+370,912.200
18	+ .000	+374,037.074
19	+ .000	+323,454.778
20	+ .000	+341,992.839
21	+ .000	+336,210.551
22	+ .000	+309,176.446
23	+ .000	+274,955.556
24	+ .000	+286,191.506
25	+ .000	+267,606.787
26	+ .000	+237,768.579
27	+ .000	+306,091.310
28	+ .000	+295,493.205
29	+ .000	+356,121.318
30	+ .000	+311,969.923
31	+ .000	+337,799.907
32	+ .000	+364,532.327
33	+ .000	+415,864.432
34	+ .000	+529,188.033
35	+ .000	+440,444.223
36	+ .000	+429,884.660
37	+ .000	+379,853.251
38	+ .000	+296,324.630
39	+ .000	+294,216.320
40	+ .000	+274,143.921
41	+ .000	+301,280.954
42	+ .000	+326,926.005

43	+.000	+236,442.094
44	+.000	+221,303.281
45	+.000	+207,814.364
46	+.000	+194,609.530
47	+.000	+148,382.617
48	+.000	+158,037.840