

Date: 23/11/2022

Settlement Day:31/10/2022

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: 214

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	+9,740,997.780	+648,349,158.560
Balancing Services Contract Cost	+2,456,763.878	+601,357,004.057
Balancing Services Cost Variable	+4,544,557.152	+919,815,720.438
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	+119,350.080	+22,062,797.830
Black Start Other Costs	+2,000,000.000	+62,000,000.000
System Operator Internal Costs	+1,051,037.140	+224,921,947.960
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	+3,680.000	+787,520.000
ALoMCP Recovery	+32,876.710	+7,035,615.940
CMP 381 Deferral	+133,716.110	+24,336,332.020
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+224,921,947.960
Total External Costs	+19,031,941.710	+2,291,250,245.255
Total Adjusted Energy Volume (MWh)	+1,345,899.052	

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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	+21,224.281	+370,560.363	+17.45927
02	+21,067.510	+365,363.062	+17.34249
03	+20,726.277	+370,808.836	+17.89076
04	+20,369.867	+372,210.662	+18.27261
05	+20,016.237	+376,409.362	+18.80520
06	+19,877.485	+380,252.079	+19.12979
07	+19,890.961	+383,922.154	+19.30134
08	+19,634.433	+365,624.713	+18.62161
09	+19,605.731	+388,907.554	+19.83642
10	+19,646.818	+404,809.457	+20.60433
11	+20,910.305	+441,940.316	+21.13505
12	+22,190.718	+430,832.788	+19.41500
13	+24,505.701	+452,303.868	+18.45709
14	+26,978.490	+455,562.193	+16.88613
15	+28,858.629	+479,023.127	+16.59896
16	+29,937.707	+513,174.096	+17.14140
17	+29,716.593	+523,905.833	+17.63008
18	+30,022.554	+493,574.121	+16.44011
19	+30,288.941	+453,809.991	+14.98270
20	+30,267.724	+454,140.307	+15.00411
21	+30,349.052	+451,857.392	+14.88868
22	+30,310.321	+456,048.620	+15.04598
23	+30,425.428	+483,685.708	+15.89742
24	+30,491.739	+487,253.379	+15.97985
25	+30,787.567	+487,746.209	+15.84231
26	+30,811.826	+531,750.483	+17.25800
27	+31,901.731	+503,165.582	+15.77236
28	+32,154.385	+468,415.032	+14.56769
29	+32,364.503	+524,765.260	+16.21422
30	+32,635.885	+522,217.295	+16.00132
31	+32,820.407	+547,706.729	+16.68799
32	+33,452.379	+573,399.179	+17.14076
33	+33,685.342	+621,640.406	+18.45433
34	+35,118.851	+639,632.715	+18.21337
35	+35,493.916	+529,554.324	+14.91958
36	+35,311.249	+494,509.009	+14.00429
37	+35,177.821	+435,358.491	+12.37594
38	+34,692.577	+396,147.609	+11.41880
39	+34,146.106	+340,929.175	+9.98442
40	+33,247.089	+265,321.301	+7.98029
41	+32,062.631	+197,823.848	+6.16992
42	+30,929.237	+201,618.592	+6.51871

43	+29,386.993	+206,329.664	+7.02112
44	+27,770.868	+197,121.015	+7.09812
45	+25,781.428	+189,962.522	+7.36819
46	+24,208.621	+217,212.406	+8.97252
47	+22,795.768	+256,703.661	+11.26102
48	+21,848.370	+378,084.310	+17.30492

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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	+0.01577	+0.00	+0.00	+183,587.49	+38,743.166	+95,547.498
02	+0.01565	+0.00	+0.00	+179,085.88	+38,448.355	+95,547.498
03	+0.01540	+0.00	+0.00	+185,981.01	+37,834.164	+95,547.498
04	+0.01513	+0.00	+0.00	+188,948.14	+37,170.837	+95,547.498
05	+0.01487	+0.00	+0.00	+194,654.17	+36,532.079	+95,547.498
06	+0.01477	+0.00	+0.00	+199,076.63	+36,286.402	+95,547.498
07	+0.01478	+0.00	+0.00	+202,688.73	+36,310.970	+95,547.498
08	+0.01459	+0.00	+0.00	+185,492.80	+35,844.185	+95,547.498
09	+0.01457	+0.00	+0.00	+208,891.59	+35,795.050	+95,547.498
10	+0.01460	+0.00	+0.00	+224,619.57	+35,868.753	+95,547.498
11	+0.01554	+0.00	+0.00	+256,300.85	+38,178.111	+95,547.498
12	+0.01649	+0.00	+0.00	+239,685.77	+40,512.036	+95,547.498
13	+0.01821	+0.00	+0.00	+264,347.78	+44,737.670	+82,384.998
14	+0.02004	+0.00	+0.00	+256,996.82	+49,233.548	+82,384.998
15	+0.02144	+0.00	+0.00	+261,858.86	+52,673.018	+92,867.498
16	+0.02224	+0.00	+0.00	+291,371.89	+54,638.429	+92,867.498
17	+0.02208	+0.00	+0.00	+197,792.49	+54,245.346	+198,106.223
18	+0.02231	+0.00	+0.00	+166,127.37	+54,810.402	+198,106.223
19	+0.02250	+0.00	+0.00	+157,131.37	+55,277.187	+166,236.583
20	+0.02249	+0.00	+0.00	+157,519.66	+55,252.620	+166,236.583
21	+0.02255	+0.00	+0.00	+177,924.76	+55,400.025	+143,200.723
22	+0.02252	+0.00	+0.00	+182,289.91	+55,326.323	+143,200.723
23	+0.02261	+0.00	+0.00	+170,579.40	+55,547.431	+182,026.553
24	+0.02266	+0.00	+0.00	+173,857.20	+55,670.269	+182,026.553
25	+0.02288	+0.00	+0.00	+205,899.11	+56,210.758	+149,202.040
26	+0.02289	+0.00	+0.00	+249,845.41	+56,235.325	+149,202.040
27	+0.02370	+0.00	+0.00	+329,297.06	+58,225.304	+36,469.575
28	+0.02389	+0.00	+0.00	+293,445.00	+58,692.089	+36,469.575
29	+0.02405	+0.00	+0.00	+272,000.29	+59,085.171	+113,336.925
30	+0.02425	+0.00	+0.00	+268,292.84	+59,576.524	+113,336.925
31	+0.02439	+0.00	+0.00	+287,726.25	+59,920.471	+118,581.310
32	+0.02486	+0.00	+0.00	+310,693.91	+61,075.150	+118,581.310
33	+0.02503	+0.00	+0.00	+254,490.01	+61,492.800	+222,040.875
34	+0.02609	+0.00	+0.00	+266,337.05	+64,096.970	+222,040.875
35	+0.02637	+0.00	+0.00	+248,284.60	+64,784.863	+128,391.655
36	+0.02624	+0.00	+0.00	+213,992.95	+64,465.484	+128,391.655
37	+0.02614	+0.00	+0.00	+180,742.97	+64,219.808	+103,070.860
38	+0.02578	+0.00	+0.00	+143,619.16	+63,335.373	+103,070.860
39	+0.02537	+0.00	+0.00	+193,848.53	+62,328.100	+0.000
40	+0.02470	+0.00	+0.00	+122,124.93	+60,682.068	+0.000
41	+0.02382	+0.00	+0.00	+59,729.21	+58,520.116	+0.000
42	+0.02298	+0.00	+0.00	+68,393.79	+56,456.434	+0.000

43	+0.02183	+.00	+.00	+79,771.90	+53,631.155	+.000
44	+0.02063	+.00	+.00	+77,520.16	+50,683.039	+.000
45	+0.01916	+.00	+.00	+78,883.88	+47,071.596	+.000
46	+0.01799	+.00	+.00	+112,916.75	+44,197.182	+.000
47	+0.01694	+.00	+.00	+195,417.53	+41,617.580	-36,922.230
48	+0.01623	+.00	+.00	+320,914.35	+39,873.278	-36,922.230

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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	+0.000	+0.000	+0.000	+1,882.151	+31,540.000	+16,574.856
02	+0.000	+0.000	+0.000	+1,867.829	+31,300.000	+16,448.731
03	+0.000	+0.000	+0.000	+1,837.991	+30,800.000	+16,185.972
04	+0.000	+0.000	+0.000	+1,805.767	+30,260.000	+15,902.192
05	+0.000	+0.000	+0.000	+1,774.736	+29,740.000	+15,628.922
06	+0.000	+0.000	+0.000	+1,762.801	+29,540.000	+15,523.819
07	+0.000	+0.000	+0.000	+1,763.994	+29,560.000	+15,534.329
08	+0.000	+0.000	+0.000	+1,741.318	+29,180.000	+15,334.632
09	+0.000	+0.000	+0.000	+1,738.931	+29,140.000	+15,313.611
10	+0.000	+0.000	+0.000	+1,742.511	+29,200.000	+15,345.142
11	+0.000	+0.000	+0.000	+1,854.700	+31,080.000	+16,333.117
12	+0.000	+0.000	+0.000	+1,968.083	+32,980.000	+17,331.602
13	+0.000	+0.000	+0.000	+2,173.365	+36,420.000	+19,139.386
14	+0.000	+0.000	+0.000	+2,391.776	+40,080.000	+21,062.784
15	+0.000	+0.000	+0.000	+2,558.866	+42,880.000	+22,534.236
16	+0.000	+0.000	+0.000	+2,654.346	+44,480.000	+23,375.066
17	+0.000	+0.000	+0.000	+2,635.250	+44,160.000	+23,206.900
18	+0.000	+0.000	+0.000	+2,662.700	+44,620.000	+23,448.639
19	+0.000	+0.000	+0.000	+2,685.377	+45,000.000	+23,648.336
20	+0.000	+0.000	+0.000	+2,684.183	+44,980.000	+23,637.825
21	+0.000	+0.000	+0.000	+2,691.344	+45,100.000	+23,700.888
22	+0.000	+0.000	+0.000	+2,687.764	+45,040.000	+23,669.356
23	+0.000	+0.000	+0.000	+2,698.505	+45,220.000	+23,763.950
24	+0.000	+0.000	+0.000	+2,704.473	+45,320.000	+23,816.502
25	+0.000	+0.000	+0.000	+2,730.730	+45,760.000	+24,047.730
26	+0.000	+0.000	+0.000	+2,731.923	+45,780.000	+24,058.240
27	+0.000	+0.000	+0.000	+2,828.597	+47,400.000	+24,909.580
28	+0.000	+0.000	+0.000	+2,851.273	+47,780.000	+25,109.277
29	+0.000	+0.000	+0.000	+2,870.369	+48,100.000	+25,277.443
30	+0.000	+0.000	+0.000	+2,894.239	+48,500.000	+25,487.651
31	+0.000	+0.000	+0.000	+2,910.948	+48,780.000	+25,634.796
32	+0.000	+0.000	+0.000	+2,967.043	+49,720.000	+26,128.783
33	+0.000	+0.000	+0.000	+2,987.333	+50,060.000	+26,307.460
34	+0.000	+0.000	+0.000	+3,113.844	+52,180.000	+27,421.559
35	+0.000	+0.000	+0.000	+3,147.262	+52,740.000	+27,715.849
36	+0.000	+0.000	+0.000	+3,131.746	+52,480.000	+27,579.215
37	+0.000	+0.000	+0.000	+3,119.811	+52,280.000	+27,474.111
38	+0.000	+0.000	+0.000	+3,076.845	+51,560.000	+27,095.737
39	+0.000	+0.000	+0.000	+3,027.912	+50,740.000	+26,664.812
40	+0.000	+0.000	+0.000	+2,947.947	+49,400.000	+25,960.617
41	+0.000	+0.000	+0.000	+2,842.919	+47,640.000	+25,035.705
42	+0.000	+0.000	+0.000	+2,742.665	+45,960.000	+24,152.833

43	+.000	+.000	+.000	+2,605.412	+43,660.000	+22,944.141
44	+.000	+.000	+.000	+2,462.192	+41,260.000	+21,682.896
45	+.000	+.000	+.000	+2,286.748	+38,320.000	+20,137.872
46	+.000	+.000	+.000	+2,147.108	+35,980.000	+18,908.158
47	+.000	+.000	+.000	+2,021.790	+33,880.000	+17,804.569
48	+.000	+.000	+.000	+1,937.052	+32,460.000	+17,058.333

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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	+58.034	+518.466	+2,108.703	+ .000
02	+ .000	+ .000	+57.592	+514.521	+2,092.657	+ .000
03	+ .000	+ .000	+56.672	+506.301	+2,059.228	+ .000
04	+ .000	+ .000	+55.678	+497.425	+2,023.125	+ .000
05	+ .000	+ .000	+54.722	+488.877	+1,988.359	+ .000
06	+ .000	+ .000	+54.354	+485.589	+1,974.987	+ .000
07	+ .000	+ .000	+54.390	+485.918	+1,976.324	+ .000
08	+ .000	+ .000	+53.691	+479.671	+1,950.918	+ .000
09	+ .000	+ .000	+53.618	+479.014	+1,948.244	+ .000
10	+ .000	+ .000	+53.728	+480.000	+1,952.255	+ .000
11	+ .000	+ .000	+57.187	+510.904	+2,077.948	+ .000
12	+ .000	+ .000	+60.683	+542.137	+2,204.979	+ .000
13	+ .000	+ .000	+67.013	+598.685	+2,434.970	+ .000
14	+ .000	+ .000	+73.747	+658.849	+2,679.671	+ .000
15	+ .000	+ .000	+78.899	+704.877	+2,866.873	+ .000
16	+ .000	+ .000	+81.843	+731.178	+2,973.846	+ .000
17	+ .000	+ .000	+81.254	+725.918	+2,952.452	+ .000
18	+ .000	+ .000	+82.101	+733.479	+2,983.206	+ .000
19	+ .000	+ .000	+82.800	+739.726	+3,008.612	+ .000
20	+ .000	+ .000	+82.763	+739.397	+3,007.275	+ .000
21	+ .000	+ .000	+82.984	+741.370	+3,015.298	+ .000
22	+ .000	+ .000	+82.874	+740.384	+3,011.287	+ .000
23	+ .000	+ .000	+83.205	+743.342	+3,023.321	+ .000
24	+ .000	+ .000	+83.389	+744.986	+3,030.007	+ .000
25	+ .000	+ .000	+84.198	+752.219	+3,059.425	+ .000
26	+ .000	+ .000	+84.235	+752.548	+3,060.762	+ .000
27	+ .000	+ .000	+87.216	+779.178	+3,169.072	+ .000
28	+ .000	+ .000	+87.915	+785.425	+3,194.478	+ .000
29	+ .000	+ .000	+88.504	+790.685	+3,215.872	+ .000
30	+ .000	+ .000	+89.240	+797.260	+3,242.616	+ .000
31	+ .000	+ .000	+89.755	+801.863	+3,261.336	+ .000
32	+ .000	+ .000	+91.485	+817.315	+3,324.182	+ .000
33	+ .000	+ .000	+92.110	+822.904	+3,346.914	+ .000
34	+ .000	+ .000	+96.011	+857.753	+3,488.653	+ .000
35	+ .000	+ .000	+97.042	+866.959	+3,526.094	+ .000
36	+ .000	+ .000	+96.563	+862.685	+3,508.711	+ .000
37	+ .000	+ .000	+96.195	+859.397	+3,495.339	+ .000
38	+ .000	+ .000	+94.870	+847.562	+3,447.201	+ .000
39	+ .000	+ .000	+93.362	+834.082	+3,392.378	+ .000
40	+ .000	+ .000	+90.896	+812.055	+3,302.788	+ .000
41	+ .000	+ .000	+87.658	+783.123	+3,185.118	+ .000
42	+ .000	+ .000	+84.566	+755.507	+3,072.796	+ .000



43	+.000	+.000	+80.334	+717.699	+2,919.023	+.000
44	+.000	+.000	+75.918	+678.247	+2,758.563	+.000
45	+.000	+.000	+70.509	+629.918	+2,562.001	+.000
46	+.000	+.000	+66.203	+591.452	+2,405.553	+.000
47	+.000	+.000	+62.339	+556.931	+2,265.151	+.000
48	+.000	+.000	+59.726	+533.589	+2,170.212	+.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	+370,560.363
02	+ .000	+365,363.062
03	+ .000	+370,808.836
04	+ .000	+372,210.662
05	+ .000	+376,409.362
06	+ .000	+380,252.079
07	+ .000	+383,922.154
08	+ .000	+365,624.713
09	+ .000	+388,907.554
10	+ .000	+404,809.457
11	+ .000	+441,940.316
12	+ .000	+430,832.788
13	+ .000	+452,303.868
14	+ .000	+455,562.193
15	+ .000	+479,023.127
16	+ .000	+513,174.096
17	+ .000	+523,905.833
18	+ .000	+493,574.121
19	+ .000	+453,809.991
20	+ .000	+454,140.307
21	+ .000	+451,857.392
22	+ .000	+456,048.620
23	+ .000	+483,685.708
24	+ .000	+487,253.379
25	+ .000	+487,746.209
26	+ .000	+531,750.483
27	+ .000	+503,165.582
28	+ .000	+468,415.032
29	+ .000	+524,765.260
30	+ .000	+522,217.295
31	+ .000	+547,706.729
32	+ .000	+573,399.179
33	+ .000	+621,640.406
34	+ .000	+639,632.715
35	+ .000	+529,554.324
36	+ .000	+494,509.009
37	+ .000	+435,358.491
38	+ .000	+396,147.609
39	+ .000	+340,929.175
40	+ .000	+265,321.301
41	+ .000	+197,823.848
42	+ .000	+201,618.592

43	+ .000	+206,329.664
44	+ .000	+197,121.015
45	+ .000	+189,962.522
46	+ .000	+217,212.406
47	+ .000	+256,703.661
48	+ .000	+378,084.310