

Date: 22/12/2022

Settlement Day:29/11/2022

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: 243

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	+3,828,750.520	+875,609,146.830
Balancing Services Contract Cost	+2,163,586.250	+691,809,457.444
Balancing Services Cost Variable	+8,421,302.120	+1,026,120,481.192
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+62,417.360	+6,716,263.030
Black Start Testing Costs	+ .000	+225,432.650
Black Start Availability Costs	+83,675.520	+24,820,004.070
Black Start Other Costs	+2,000,000.000	+120,000,000.000
System Operator Internal Costs	+1,051,037.140	+255,402,025.020
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	+3,680.000	+894,240.000
ALoMCP Recovery	+32,876.710	+7,989,040.530
CMP 381 Deferral	+133,716.110	+28,214,099.210
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+255,402,025.020
Total External Costs	+16,730,004.590	+2,782,398,164.956
Total Adjusted Energy Volume (MWh)	+1,552,131.915	

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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	+26,470.725	+186,059.999	+7.02890
02	+26,858.441	+204,028.256	+7.59643
03	+26,675.242	+149,686.962	+5.61146
04	+26,271.753	+142,150.545	+5.41078
05	+25,789.495	+85,797.339	+3.32683
06	+25,482.502	+101,453.561	+3.98130
07	+25,494.579	+153,469.711	+6.01970
08	+25,271.388	+150,338.052	+5.94894
09	+25,431.867	+106,302.121	+4.17988
10	+25,638.963	+114,762.520	+4.47610
11	+25,963.898	+244,780.462	+9.42772
12	+26,690.094	+225,767.557	+8.45885
13	+27,653.933	+555,524.471	+20.08844
14	+30,130.608	+605,281.823	+20.08860
15	+32,338.293	+438,981.863	+13.57468
16	+33,702.549	+390,000.493	+11.57184
17	+34,432.204	+374,321.103	+10.87125
18	+34,899.096	+387,347.930	+11.09908
19	+35,483.617	+451,417.031	+12.72184
20	+35,502.090	+421,676.590	+11.87751
21	+35,338.056	+548,126.392	+15.51094
22	+35,416.975	+521,153.031	+14.71478
23	+35,606.988	+413,235.500	+11.60546
24	+35,703.944	+456,728.299	+12.79210
25	+36,132.390	+539,713.911	+14.93712
26	+35,853.076	+603,675.993	+16.83750
27	+35,902.095	+464,068.653	+12.92595
28	+35,704.970	+429,350.874	+12.02496
29	+35,654.127	+419,174.124	+11.75668
30	+35,612.660	+411,437.535	+11.55313
31	+35,877.932	+597,842.253	+16.66323
32	+36,658.041	+618,847.537	+16.88163
33	+37,707.241	+466,329.105	+12.36710
34	+38,287.551	+443,404.961	+11.58092
35	+38,545.857	+547,733.139	+14.20991
36	+38,361.350	+587,676.880	+15.31950
37	+38,126.606	+750,962.702	+19.69655
38	+37,448.948	+525,666.917	+14.03689
39	+36,010.033	+504,188.197	+14.00133
40	+35,070.721	+438,969.013	+12.51668
41	+34,245.928	+397,447.584	+11.60569
42	+32,798.366	+249,657.584	+7.61189

43	+32,965.901	+306,651.408	+9.30208
44	+31,657.426	+242,458.487	+7.65882
45	+30,635.690	+289,182.720	+9.43941
46	+29,301.517	+206,377.359	+7.04323
47	+28,144.717	+183,822.432	+6.53133
48	+27,181.472	+128,010.749	+4.70949

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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	+0.01705	+0.00	+0.00	+41,111.58	+36,889.146	+50,645.055
02	+0.01730	+0.00	+0.00	+57,697.09	+37,430.042	+50,645.055
03	+0.01719	+0.00	+0.00	+54,609.26	+37,192.048	+0.000
04	+0.01693	+0.00	+0.00	+48,510.90	+36,629.515	+0.000
05	+0.01662	+0.00	+0.00	-6,127.70	+35,958.803	+0.000
06	+0.01642	+0.00	+0.00	+10,634.72	+35,526.086	+0.000
07	+0.01643	+0.00	+0.00	+62,595.56	+35,547.722	+0.000
08	+0.01628	+0.00	+0.00	+60,293.55	+35,223.184	+0.000
09	+0.01639	+0.00	+0.00	+15,649.21	+35,461.179	+0.000
10	+0.01652	+0.00	+0.00	+23,390.58	+35,742.445	+0.000
11	+0.01673	+0.00	+0.00	-1,843.50	+36,196.798	+154,090.515
12	+0.01720	+0.00	+0.00	-23,455.97	+37,213.684	+154,090.515
13	+0.01782	+0.00	+0.00	-215,910.30	+38,555.107	+672,872.545
14	+0.01941	+0.00	+0.00	-174,947.22	+41,995.209	+672,872.545
15	+0.02083	+0.00	+0.00	-42,998.36	+45,067.502	+366,769.720
16	+0.02171	+0.00	+0.00	-96,847.00	+46,971.457	+366,769.720
17	+0.02218	+0.00	+0.00	-95,218.50	+47,988.343	+346,862.265
18	+0.02248	+0.00	+0.00	-83,850.97	+48,637.419	+346,862.265
19	+0.02286	+0.00	+0.00	-78,926.45	+49,459.582	+403,905.070
20	+0.02287	+0.00	+0.00	-108,722.20	+49,481.218	+403,905.070
21	+0.02277	+0.00	+0.00	-160,089.50	+49,264.859	+582,275.270
22	+0.02282	+0.00	+0.00	-187,339.41	+49,373.038	+582,275.270
23	+0.02294	+0.00	+0.00	-161,270.49	+49,632.669	+447,625.100
24	+0.02300	+0.00	+0.00	-118,109.55	+49,762.484	+447,625.100
25	+0.02328	+0.00	+0.00	+90,659.16	+50,368.288	+320,293.325
26	+0.02310	+0.00	+0.00	+155,616.82	+49,978.842	+320,293.325
27	+0.02313	+0.00	+0.00	+127,818.85	+50,043.750	+208,318.025
28	+0.02300	+0.00	+0.00	+93,820.10	+49,762.484	+208,318.025
29	+0.02297	+0.00	+0.00	+101,234.02	+49,697.576	+190,893.285
30	+0.02294	+0.00	+0.00	+93,663.36	+49,632.669	+190,893.285
31	+0.02312	+0.00	+0.00	+266,677.02	+50,022.114	+203,288.765
32	+0.02362	+0.00	+0.00	+284,916.81	+51,103.907	+203,288.765
33	+0.02429	+0.00	+0.00	+331,981.38	+52,553.510	+0.000
34	+0.02467	+0.00	+0.00	+306,955.46	+53,375.673	+0.000
35	+0.02483	+0.00	+0.00	+410,398.68	+53,721.847	+0.000
36	+0.02472	+0.00	+0.00	+450,950.83	+53,483.852	+0.000
37	+0.02456	+0.00	+0.00	+615,121.61	+53,137.678	+0.000
38	+0.02413	+0.00	+0.00	+392,204.15	+52,207.336	+0.000
39	+0.02320	+0.00	+0.00	+317,286.15	+50,195.201	+58,583.100
40	+0.02260	+0.00	+0.00	+255,385.56	+48,897.049	+58,583.100
41	+0.02206	+0.00	+0.00	+166,557.83	+47,728.713	+108,876.135
42	+0.02113	+0.00	+0.00	+23,911.65	+45,716.577	+108,876.135

43	+0.02124	+.00	+.00	+160,343.41	+45,954.572	+28,829.790
44	+0.02040	+.00	+.00	+100,796.52	+44,137.160	+28,829.790
45	+0.01974	+.00	+.00	+113,477.90	+42,709.193	+66,523.095
46	+0.01888	+.00	+.00	+35,429.19	+40,848.508	+66,523.095
47	+0.01813	+.00	+.00	+83,545.60	+39,225.819	+.000
48	+0.01751	+.00	+.00	+31,163.13	+37,884.395	+.000

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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	+1,064.216	+0.000	+1,426.668	+34,100.000	+17,920.183
02	+0.000	+1,079.820	+0.000	+1,447.586	+34,600.000	+18,182.943
03	+0.000	+1,072.954	+0.000	+1,438.382	+34,380.000	+18,067.328
04	+0.000	+1,056.726	+0.000	+1,416.627	+33,860.000	+17,794.059
05	+0.000	+1,037.377	+0.000	+1,390.687	+33,240.000	+17,468.237
06	+0.000	+1,024.893	+0.000	+1,373.952	+32,840.000	+17,258.030
07	+0.000	+1,025.517	+0.000	+1,374.789	+32,860.000	+17,268.540
08	+0.000	+1,016.155	+0.000	+1,362.237	+32,560.000	+17,110.885
09	+0.000	+1,023.021	+0.000	+1,371.442	+32,780.000	+17,226.499
10	+0.000	+1,031.135	+0.000	+1,382.320	+33,040.000	+17,363.134
11	+0.000	+1,044.242	+0.000	+1,399.891	+33,460.000	+17,583.851
12	+0.000	+1,073.579	+0.000	+1,439.219	+34,400.000	+18,077.839
13	+0.000	+1,112.277	+0.000	+1,491.098	+35,640.000	+18,729.482
14	+0.000	+1,211.521	+0.000	+1,624.142	+38,820.000	+20,400.631
15	+0.000	+1,300.154	+0.000	+1,742.961	+41,660.000	+21,893.104
16	+0.000	+1,355.081	+0.000	+1,816.596	+43,420.000	+22,818.016
17	+0.000	+1,384.417	+0.000	+1,855.923	+44,360.000	+23,312.004
18	+0.000	+1,403.142	+0.000	+1,881.026	+44,960.000	+23,627.315
19	+0.000	+1,426.861	+0.000	+1,912.822	+45,720.000	+24,026.709
20	+0.000	+1,427.485	+0.000	+1,913.659	+45,740.000	+24,037.219
21	+0.000	+1,421.243	+0.000	+1,905.292	+45,540.000	+23,932.116
22	+0.000	+1,424.364	+0.000	+1,909.475	+45,640.000	+23,984.668
23	+0.000	+1,431.854	+0.000	+1,919.516	+45,880.000	+24,110.792
24	+0.000	+1,435.599	+0.000	+1,924.537	+46,000.000	+24,173.854
25	+0.000	+1,453.076	+0.000	+1,947.966	+46,560.000	+24,468.145
26	+0.000	+1,441.841	+0.000	+1,932.905	+46,200.000	+24,278.958
27	+0.000	+1,443.714	+0.000	+1,935.415	+46,260.000	+24,310.489
28	+0.000	+1,435.599	+0.000	+1,924.537	+46,000.000	+24,173.854
29	+0.000	+1,433.727	+0.000	+1,922.027	+45,940.000	+24,142.323
30	+0.000	+1,431.854	+0.000	+1,919.516	+45,880.000	+24,110.792
31	+0.000	+1,443.089	+0.000	+1,934.578	+46,240.000	+24,299.979
32	+0.000	+1,474.298	+0.000	+1,976.416	+47,240.000	+24,825.497
33	+0.000	+1,516.118	+0.000	+2,032.478	+48,580.000	+25,529.692
34	+0.000	+1,539.836	+0.000	+2,064.275	+49,340.000	+25,929.086
35	+0.000	+1,549.823	+0.000	+2,077.663	+49,660.000	+26,097.252
36	+0.000	+1,542.957	+0.000	+2,068.459	+49,440.000	+25,981.638
37	+0.000	+1,532.970	+0.000	+2,055.071	+49,120.000	+25,813.472
38	+0.000	+1,506.131	+0.000	+2,019.090	+48,260.000	+25,361.526
39	+0.000	+1,448.083	+0.000	+1,941.272	+46,400.000	+24,384.062
40	+0.000	+1,410.632	+0.000	+1,891.067	+45,200.000	+23,753.439
41	+0.000	+1,376.927	+0.000	+1,845.882	+44,120.000	+23,185.879
42	+0.000	+1,318.879	+0.000	+1,768.064	+42,260.000	+22,208.415

43	+.000	+1,325.745	+.000	+1,777.268	+42,480.000	+22,324.029
44	+.000	+1,273.314	+.000	+1,706.981	+40,800.000	+21,441.158
45	+.000	+1,232.119	+.000	+1,651.755	+39,480.000	+20,747.473
46	+.000	+1,178.440	+.000	+1,579.794	+37,760.000	+19,843.581
47	+.000	+1,131.627	+.000	+1,517.037	+36,260.000	+19,055.303
48	+.000	+1,092.928	+.000	+1,465.158	+35,020.000	+18,403.660

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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	+62.744	+560.548	+2,279.860	+ .000
02	+ .000	+ .000	+63.664	+568.767	+2,313.289	+ .000
03	+ .000	+ .000	+63.259	+565.151	+2,298.580	+ .000
04	+ .000	+ .000	+62.302	+556.603	+2,263.814	+ .000
05	+ .000	+ .000	+61.162	+546.411	+2,222.362	+ .000
06	+ .000	+ .000	+60.426	+539.836	+2,195.619	+ .000
07	+ .000	+ .000	+60.462	+540.164	+2,196.956	+ .000
08	+ .000	+ .000	+59.910	+535.233	+2,176.898	+ .000
09	+ .000	+ .000	+60.315	+538.849	+2,191.607	+ .000
10	+ .000	+ .000	+60.794	+543.123	+2,208.990	+ .000
11	+ .000	+ .000	+61.566	+550.027	+2,237.071	+ .000
12	+ .000	+ .000	+63.296	+565.479	+2,299.917	+ .000
13	+ .000	+ .000	+65.578	+585.863	+2,382.821	+ .000
14	+ .000	+ .000	+71.429	+638.137	+2,595.430	+ .000
15	+ .000	+ .000	+76.654	+684.822	+2,785.307	+ .000
16	+ .000	+ .000	+79.893	+713.753	+2,902.977	+ .000
17	+ .000	+ .000	+81.622	+729.205	+2,965.823	+ .000
18	+ .000	+ .000	+82.726	+739.068	+3,005.938	+ .000
19	+ .000	+ .000	+84.125	+751.562	+3,056.750	+ .000
20	+ .000	+ .000	+84.162	+751.890	+3,058.087	+ .000
21	+ .000	+ .000	+83.794	+748.603	+3,044.716	+ .000
22	+ .000	+ .000	+83.978	+750.247	+3,051.402	+ .000
23	+ .000	+ .000	+84.419	+754.192	+3,067.448	+ .000
24	+ .000	+ .000	+84.640	+756.164	+3,075.471	+ .000
25	+ .000	+ .000	+85.670	+765.370	+3,112.911	+ .000
26	+ .000	+ .000	+85.008	+759.452	+3,088.842	+ .000
27	+ .000	+ .000	+85.118	+760.438	+3,092.854	+ .000
28	+ .000	+ .000	+84.640	+756.164	+3,075.471	+ .000
29	+ .000	+ .000	+84.530	+755.178	+3,071.459	+ .000
30	+ .000	+ .000	+84.419	+754.192	+3,067.448	+ .000
31	+ .000	+ .000	+85.082	+760.110	+3,091.516	+ .000
32	+ .000	+ .000	+86.922	+776.548	+3,158.375	+ .000
33	+ .000	+ .000	+89.387	+798.575	+3,247.964	+ .000
34	+ .000	+ .000	+90.786	+811.068	+3,298.776	+ .000
35	+ .000	+ .000	+91.374	+816.329	+3,320.171	+ .000
36	+ .000	+ .000	+90.970	+812.712	+3,305.462	+ .000
37	+ .000	+ .000	+90.381	+807.452	+3,284.068	+ .000
38	+ .000	+ .000	+88.798	+793.315	+3,226.570	+ .000
39	+ .000	+ .000	+85.376	+762.740	+3,102.214	+ .000
40	+ .000	+ .000	+83.168	+743.014	+3,021.984	+ .000
41	+ .000	+ .000	+81.181	+725.260	+2,949.777	+ .000
42	+ .000	+ .000	+77.758	+694.685	+2,825.421	+ .000

43	+.000	+.000	+78.163	+698.301	+2,840.130	+.000
44	+.000	+.000	+75.072	+670.685	+2,727.809	+.000
45	+.000	+.000	+72.643	+648.986	+2,639.556	+.000
46	+.000	+.000	+69.478	+620.712	+2,524.560	+.000
47	+.000	+.000	+66.718	+596.055	+2,424.273	+.000
48	+.000	+.000	+64.437	+575.671	+2,341.369	+.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	+186,059.999
02	+ .000	+204,028.256
03	+ .000	+149,686.962
04	+ .000	+142,150.545
05	+ .000	+85,797.339
06	+ .000	+101,453.561
07	+ .000	+153,469.711
08	+ .000	+150,338.052
09	+ .000	+106,302.121
10	+ .000	+114,762.520
11	+ .000	+244,780.462
12	+ .000	+225,767.557
13	+ .000	+555,524.471
14	+ .000	+605,281.823
15	+ .000	+438,981.863
16	+ .000	+390,000.493
17	+ .000	+374,321.103
18	+ .000	+387,347.930
19	+ .000	+451,417.031
20	+ .000	+421,676.590
21	+ .000	+548,126.392
22	+ .000	+521,153.031
23	+ .000	+413,235.500
24	+ .000	+456,728.299
25	+ .000	+539,713.911
26	+ .000	+603,675.993
27	+ .000	+464,068.653
28	+ .000	+429,350.874
29	+ .000	+419,174.124
30	+ .000	+411,437.535
31	+ .000	+597,842.253
32	+ .000	+618,847.537
33	+ .000	+466,329.105
34	+ .000	+443,404.961
35	+ .000	+547,733.139
36	+ .000	+587,676.880
37	+ .000	+750,962.702
38	+ .000	+525,666.917
39	+ .000	+504,188.197
40	+ .000	+438,969.013
41	+ .000	+397,447.584
42	+ .000	+249,657.584

43	+.000	+306,651.408
44	+.000	+242,458.487
45	+.000	+289,182.720
46	+.000	+206,377.359
47	+.000	+183,822.432
48	+.000	+128,010.749