

Date: 15/12/2022

Settlement Day:22/11/2022

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: 236

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	+2,073,392.090	+817,310,983.740
Balancing Services Contract Cost	+4,415,205.670	+667,827,885.704
Balancing Services Cost Variable	+6,359,257.170	+999,105,245.352
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+62,417.360	+6,279,341.510
Black Start Testing Costs	+ .000	+225,432.650
Black Start Availability Costs	+91,528.320	+24,227,156.630
Black Start Other Costs	+2,000,000.000	+106,000,000.000
System Operator Internal Costs	+1,051,037.140	+248,044,765.040
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	+3,680.000	+868,480.000
ALoMCP Recovery	+32,876.710	+7,758,903.560
CMP 381 Deferral	+133,716.110	+27,278,086.440
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+248,044,765.040
Total External Costs	+15,172,073.430	+2,656,881,515.586
Total Adjusted Energy Volume (MWh)	+1,574,019.936	

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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	+27,686.749	+111,278.474	+4.01920
02	+27,924.409	+121,882.494	+4.36473
03	+27,267.284	+135,117.090	+4.95528
04	+26,661.265	+124,538.065	+4.67112
05	+25,845.414	+109,695.545	+4.24429
06	+25,513.864	+102,889.458	+4.03269
07	+25,622.654	+108,383.550	+4.22999
08	+25,737.587	+140,729.982	+5.46788
09	+26,070.636	+141,701.849	+5.43530
10	+26,274.858	+132,727.159	+5.05149
11	+26,750.632	+151,892.727	+5.67810
12	+27,895.300	+147,307.379	+5.28072
13	+29,830.499	+194,714.502	+6.52736
14	+32,406.107	+243,048.698	+7.50009
15	+35,205.409	+297,935.260	+8.46277
16	+36,428.535	+353,709.545	+9.70968
17	+36,867.048	+316,017.904	+8.57183
18	+37,192.177	+320,239.801	+8.61041
19	+37,507.837	+338,174.678	+9.01611
20	+37,462.354	+305,993.194	+8.16802
21	+37,105.982	+238,370.983	+6.42406
22	+37,002.472	+247,785.375	+6.69645
23	+36,396.228	+264,783.385	+7.27502
24	+36,250.982	+303,390.314	+8.36916
25	+35,351.779	+428,527.851	+12.12182
26	+35,309.633	+422,416.067	+11.96320
27	+35,172.520	+425,769.710	+12.10518
28	+34,918.231	+612,762.322	+17.54849
29	+34,599.646	+623,423.515	+18.01821
30	+34,617.383	+688,606.929	+19.89194
31	+34,677.789	+754,807.253	+21.76630
32	+35,327.871	+754,782.602	+21.36507
33	+36,082.079	+781,793.188	+21.66708
34	+37,362.103	+814,637.027	+21.80383
35	+37,921.973	+548,215.078	+14.45640
36	+37,902.644	+452,996.853	+11.95159
37	+37,530.390	+525,420.823	+13.99988
38	+36,926.896	+530,165.617	+14.35717
39	+36,217.312	+496,441.885	+13.70731
40	+35,416.900	+470,609.619	+13.28771
41	+34,995.944	+390,645.690	+11.16260
42	+33,942.878	+328,764.311	+9.68581

43	+33,365.735	+249,267.205	+7.47075
44	+31,866.369	+174,328.007	+5.47060
45	+30,989.533	+175,017.848	+5.64764
46	+29,443.328	+202,540.506	+6.87900
47	+28,102.886	+219,747.244	+7.81938
48	+27,071.832	+198,882.295	+7.34647

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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	+0.01759	+0.00	+0.00	-33,985.49	+77,663.468	+8,229.750
02	+0.01774	+0.00	+0.00	-24,550.04	+78,325.749	+8,229.750
03	+0.01732	+0.00	+0.00	+186.30	+76,471.362	+0.000
04	+0.01694	+0.00	+0.00	-7,432.35	+74,793.584	+0.000
05	+0.01642	+0.00	+0.00	-18,223.83	+72,497.677	+0.000
06	+0.01621	+0.00	+0.00	-23,393.92	+71,570.484	+0.000
07	+0.01628	+0.00	+0.00	-18,445.16	+71,879.548	+0.000
08	+0.01635	+0.00	+0.00	+13,355.94	+72,188.613	+0.000
09	+0.01656	+0.00	+0.00	+12,691.81	+73,115.806	+0.000
10	+0.01669	+0.00	+0.00	+2,704.36	+73,689.783	+0.000
11	+0.01700	+0.00	+0.00	-39,424.03	+75,058.496	+58,878.915
12	+0.01772	+0.00	+0.00	-49,618.51	+78,237.444	+58,878.915
13	+0.01895	+0.00	+0.00	-110,104.67	+83,668.147	+157,189.930
14	+0.02059	+0.00	+0.00	-74,546.83	+90,909.085	+157,189.930
15	+0.02237	+0.00	+0.00	-55,571.86	+98,768.151	+179,234.500
16	+0.02314	+0.00	+0.00	-5,796.23	+102,167.859	+179,234.500
17	+0.02342	+0.00	+0.00	-6,591.19	+103,404.117	+140,156.490
18	+0.02363	+0.00	+0.00	-4,005.29	+104,331.310	+140,156.490
19	+0.02383	+0.00	+0.00	+31,377.05	+105,214.351	+121,150.935
20	+0.02380	+0.00	+0.00	-570.72	+105,081.895	+121,150.935
21	+0.02357	+0.00	+0.00	-3,926.19	+104,066.398	+58,676.000
22	+0.02351	+0.00	+0.00	+5,955.63	+103,801.485	+58,676.000
23	+0.02312	+0.00	+0.00	-37,414.99	+102,079.555	+122,082.910
24	+0.02303	+0.00	+0.00	+1,893.08	+101,682.187	+122,082.910
25	+0.02246	+0.00	+0.00	-79,280.47	+99,165.519	+332,834.560
26	+0.02243	+0.00	+0.00	-85,158.54	+99,033.063	+332,834.560
27	+0.02235	+0.00	+0.00	+46,612.39	+98,679.847	+205,040.510
28	+0.02218	+0.00	+0.00	+234,929.38	+97,929.262	+205,040.510
29	+0.02198	+0.00	+0.00	+215,653.86	+97,046.221	+236,535.315
30	+0.02199	+0.00	+0.00	+280,759.37	+97,090.373	+236,535.315
31	+0.02203	+0.00	+0.00	+295,968.26	+97,266.981	+287,215.130
32	+0.02244	+0.00	+0.00	+292,749.52	+99,077.215	+287,215.130
33	+0.02292	+0.00	+0.00	+298,376.67	+101,196.514	+304,859.145
34	+0.02374	+0.00	+0.00	+324,832.33	+104,816.983	+304,859.145
35	+0.02409	+0.00	+0.00	+242,215.69	+106,362.305	+118,327.175
36	+0.02408	+0.00	+0.00	+147,075.37	+106,318.153	+118,327.175
37	+0.02384	+0.00	+0.00	+71,673.11	+105,258.503	+268,023.115
38	+0.02346	+0.00	+0.00	+79,378.28	+103,580.725	+268,023.115
39	+0.02301	+0.00	+0.00	+112,496.19	+101,593.882	+204,687.180
40	+0.02250	+0.00	+0.00	+90,637.06	+99,342.128	+204,687.180
41	+0.02223	+0.00	+0.00	+19,193.22	+98,150.022	+198,270.515
42	+0.02156	+0.00	+0.00	-37,468.55	+95,191.834	+198,270.515

43	+0.02120	+.00	+.00	-21,970.97	+93,602.360	+106,080.395
44	+0.02025	+.00	+.00	-89,509.23	+89,407.915	+106,080.395
45	+0.01969	+.00	+.00	-50,532.45	+86,935.400	+72,156.115
46	+0.01871	+.00	+.00	-15,375.14	+82,608.498	+72,156.115
47	+0.01785	+.00	+.00	+80,687.51	+78,811.421	+.000
48	+0.01720	+.00	+.00	+64,886.36	+75,941.538	+.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	+1,097.921	+0.000	+1,609.983	+35,180.000	+18,487.743
02	+0.000	+1,107.284	+0.000	+1,623.712	+35,480.000	+18,645.399
03	+0.000	+1,081.069	+0.000	+1,585.271	+34,640.000	+18,203.963
04	+0.000	+1,057.350	+0.000	+1,550.490	+33,880.000	+17,804.569
05	+0.000	+1,024.893	+0.000	+1,502.895	+32,840.000	+17,258.030
06	+0.000	+1,011.785	+0.000	+1,483.674	+32,420.000	+17,037.312
07	+0.000	+1,016.155	+0.000	+1,490.081	+32,560.000	+17,110.885
08	+0.000	+1,020.524	+0.000	+1,496.488	+32,700.000	+17,184.457
09	+0.000	+1,033.631	+0.000	+1,515.709	+33,120.000	+17,405.175
10	+0.000	+1,041.746	+0.000	+1,527.608	+33,380.000	+17,541.810
11	+0.000	+1,061.095	+0.000	+1,555.981	+34,000.000	+17,867.631
12	+0.000	+1,106.036	+0.000	+1,621.882	+35,440.000	+18,624.378
13	+0.000	+1,182.809	+0.000	+1,734.462	+37,900.000	+19,917.154
14	+0.000	+1,285.173	+0.000	+1,884.568	+41,180.000	+21,640.855
15	+0.000	+1,396.276	+0.000	+2,047.489	+44,740.000	+23,511.701
16	+0.000	+1,444.338	+0.000	+2,117.965	+46,280.000	+24,320.999
17	+0.000	+1,461.815	+0.000	+2,143.593	+46,840.000	+24,615.290
18	+0.000	+1,474.922	+0.000	+2,162.814	+47,260.000	+24,836.008
19	+0.000	+1,487.406	+0.000	+2,181.120	+47,660.000	+25,046.215
20	+0.000	+1,485.533	+0.000	+2,178.374	+47,600.000	+25,014.684
21	+0.000	+1,471.177	+0.000	+2,157.323	+47,140.000	+24,772.945
22	+0.000	+1,467.432	+0.000	+2,151.831	+47,020.000	+24,709.883
23	+0.000	+1,443.089	+0.000	+2,116.135	+46,240.000	+24,299.979
24	+0.000	+1,437.472	+0.000	+2,107.897	+46,060.000	+24,205.385
25	+0.000	+1,401.894	+0.000	+2,055.726	+44,920.000	+23,606.294
26	+0.000	+1,400.021	+0.000	+2,052.980	+44,860.000	+23,574.763
27	+0.000	+1,395.028	+0.000	+2,045.658	+44,700.000	+23,490.680
28	+0.000	+1,384.417	+0.000	+2,030.098	+44,360.000	+23,312.004
29	+0.000	+1,371.934	+0.000	+2,011.792	+43,960.000	+23,101.796
30	+0.000	+1,372.558	+0.000	+2,012.708	+43,980.000	+23,112.307
31	+0.000	+1,375.054	+0.000	+2,016.369	+44,060.000	+23,154.348
32	+0.000	+1,400.646	+0.000	+2,053.896	+44,880.000	+23,585.273
33	+0.000	+1,430.606	+0.000	+2,097.829	+45,840.000	+24,089.771
34	+0.000	+1,481.788	+0.000	+2,172.882	+47,480.000	+24,951.622
35	+0.000	+1,503.634	+0.000	+2,204.917	+48,180.000	+25,319.485
36	+0.000	+1,503.010	+0.000	+2,204.002	+48,160.000	+25,308.974
37	+0.000	+1,488.030	+0.000	+2,182.035	+47,680.000	+25,056.725
38	+0.000	+1,464.311	+0.000	+2,147.254	+46,920.000	+24,657.331
39	+0.000	+1,436.223	+0.000	+2,106.067	+46,020.000	+24,184.365
40	+0.000	+1,404.391	+0.000	+2,059.387	+45,000.000	+23,648.336
41	+0.000	+1,387.538	+0.000	+2,034.675	+44,460.000	+23,364.556
42	+0.000	+1,345.718	+0.000	+1,973.351	+43,120.000	+22,660.361

43	+.000	+1,323.248	+.000	+1,940.400	+42,400.000	+22,281.987
44	+.000	+1,263.952	+.000	+1,853.448	+40,500.000	+21,283.502
45	+.000	+1,228.998	+.000	+1,802.193	+39,380.000	+20,694.921
46	+.000	+1,167.829	+.000	+1,712.495	+37,420.000	+19,664.905
47	+.000	+1,114.150	+.000	+1,633.781	+35,700.000	+18,761.013
48	+.000	+1,073.579	+.000	+1,574.287	+34,400.000	+18,077.839

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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	+64.731	+578.301	+2,352.066	+.000
02	+.000	+.000	+65.283	+583.233	+2,372.124	+.000
03	+.000	+.000	+63.738	+569.425	+2,315.963	+.000
04	+.000	+.000	+62.339	+556.931	+2,265.151	+.000
05	+.000	+.000	+60.426	+539.836	+2,195.619	+.000
06	+.000	+.000	+59.653	+532.931	+2,167.538	+.000
07	+.000	+.000	+59.910	+535.233	+2,176.898	+.000
08	+.000	+.000	+60.168	+537.534	+2,186.258	+.000
09	+.000	+.000	+60.941	+544.438	+2,214.339	+.000
10	+.000	+.000	+61.419	+548.712	+2,231.722	+.000
11	+.000	+.000	+62.560	+558.904	+2,273.174	+.000
12	+.000	+.000	+65.210	+582.575	+2,369.449	+.000
13	+.000	+.000	+69.736	+623.014	+2,533.920	+.000
14	+.000	+.000	+75.771	+676.931	+2,753.215	+.000
15	+.000	+.000	+82.322	+735.452	+2,991.229	+.000
16	+.000	+.000	+85.155	+760.767	+3,094.191	+.000
17	+.000	+.000	+86.186	+769.973	+3,131.631	+.000
18	+.000	+.000	+86.958	+776.877	+3,159.712	+.000
19	+.000	+.000	+87.694	+783.452	+3,186.455	+.000
20	+.000	+.000	+87.584	+782.466	+3,182.443	+.000
21	+.000	+.000	+86.738	+774.904	+3,151.689	+.000
22	+.000	+.000	+86.517	+772.931	+3,143.666	+.000
23	+.000	+.000	+85.082	+760.110	+3,091.516	+.000
24	+.000	+.000	+84.750	+757.151	+3,079.482	+.000
25	+.000	+.000	+82.653	+738.411	+3,003.264	+.000
26	+.000	+.000	+82.542	+737.425	+2,999.252	+.000
27	+.000	+.000	+82.248	+734.794	+2,988.555	+.000
28	+.000	+.000	+81.622	+729.205	+2,965.823	+.000
29	+.000	+.000	+80.886	+722.630	+2,939.080	+.000
30	+.000	+.000	+80.923	+722.959	+2,940.417	+.000
31	+.000	+.000	+81.070	+724.274	+2,945.766	+.000
32	+.000	+.000	+82.579	+737.753	+3,000.590	+.000
33	+.000	+.000	+84.346	+753.534	+3,064.773	+.000
34	+.000	+.000	+87.363	+780.493	+3,174.420	+.000
35	+.000	+.000	+88.651	+792.000	+3,221.221	+.000
36	+.000	+.000	+88.614	+791.671	+3,219.884	+.000
37	+.000	+.000	+87.731	+783.781	+3,187.792	+.000
38	+.000	+.000	+86.333	+771.288	+3,136.980	+.000
39	+.000	+.000	+84.677	+756.493	+3,076.808	+.000
40	+.000	+.000	+82.800	+739.726	+3,008.612	+.000
41	+.000	+.000	+81.806	+730.849	+2,972.509	+.000
42	+.000	+.000	+79.341	+708.822	+2,882.919	+.000

43	+.000	+.000	+78.016	+696.986	+2,834.782	+.000
44	+.000	+.000	+74.520	+665.753	+2,707.751	+.000
45	+.000	+.000	+72.459	+647.342	+2,632.870	+.000
46	+.000	+.000	+68.853	+615.123	+2,501.828	+.000
47	+.000	+.000	+65.688	+586.849	+2,386.833	+.000
48	+.000	+.000	+63.296	+565.479	+2,299.917	+.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	+111,278.474
02	+ .000	+121,882.494
03	+ .000	+135,117.090
04	+ .000	+124,538.065
05	+ .000	+109,695.545
06	+ .000	+102,889.458
07	+ .000	+108,383.550
08	+ .000	+140,729.982
09	+ .000	+141,701.849
10	+ .000	+132,727.159
11	+ .000	+151,892.727
12	+ .000	+147,307.379
13	+ .000	+194,714.502
14	+ .000	+243,048.698
15	+ .000	+297,935.260
16	+ .000	+353,709.545
17	+ .000	+316,017.904
18	+ .000	+320,239.801
19	+ .000	+338,174.678
20	+ .000	+305,993.194
21	+ .000	+238,370.983
22	+ .000	+247,785.375
23	+ .000	+264,783.385
24	+ .000	+303,390.314
25	+ .000	+428,527.851
26	+ .000	+422,416.067
27	+ .000	+425,769.710
28	+ .000	+612,762.322
29	+ .000	+623,423.515
30	+ .000	+688,606.929
31	+ .000	+754,807.253
32	+ .000	+754,782.602
33	+ .000	+781,793.188
34	+ .000	+814,637.027
35	+ .000	+548,215.078
36	+ .000	+452,996.853
37	+ .000	+525,420.823
38	+ .000	+530,165.617
39	+ .000	+496,441.885
40	+ .000	+470,609.619
41	+ .000	+390,645.690
42	+ .000	+328,764.311

43	+.000	+249,267.205
44	+.000	+174,328.007
45	+.000	+175,017.848
46	+.000	+202,540.506
47	+.000	+219,747.244
48	+.000	+198,882.295