

Date: 19/04/2023

Settlement Day:23/03/2023

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: 357

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	+7,473,811.550	+1,499,960,051.650
Balancing Services Contract Cost	+1,705,561.749	+1,006,118,034.701
Balancing Services Cost Variable	+2,149,445.554	+1,221,483,247.404
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+6,674.580	+13,206,809.510
Black Start Testing Costs	+ .000	+225,432.650
Black Start Availability Costs	+93,234.020	+34,299,989.890
Black Start Other Costs	+762,968.190	+301,896,254.550
System Operator Internal Costs	+1,051,037.140	+375,220,258.980
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	-21,871.520	+674,972.000
ALoMCP Recovery	+32,876.710	+11,736,985.470
CMP 381 Deferral	+133,716.110	+43,457,735.750
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+375,220,258.980
Total External Costs	+12,336,416.943	+4,133,059,513.575
Total Adjusted Energy Volume (MWh)	+1,312,273.694	

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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	+23,354.613	+441,294.596	+18.89539
02	+23,574.162	+445,145.418	+18.88277
03	+23,354.871	+458,209.471	+19.61944
04	+22,935.904	+455,576.338	+19.86302
05	+22,718.908	+459,757.620	+20.23678
06	+22,431.297	+441,552.536	+19.68466
07	+22,426.499	+452,406.296	+20.17285
08	+22,354.457	+439,874.325	+19.67725
09	+22,343.447	+437,345.985	+19.57379
10	+22,313.962	+440,175.089	+19.72644
11	+22,622.114	+385,637.091	+17.04691
12	+23,296.671	+403,817.011	+17.33368
13	+24,469.947	+315,176.844	+12.88016
14	+26,165.778	+317,363.388	+12.12895
15	+27,209.040	+170,297.333	+6.25885
16	+28,016.399	+149,695.206	+5.34313
17	+28,053.931	+208,632.859	+7.43685
18	+27,985.286	+250,148.310	+8.93857
19	+29,063.788	+274,684.726	+9.45110
20	+29,069.250	+273,906.796	+9.42256
21	+29,331.994	+357,469.940	+12.18703
22	+29,274.596	+356,352.903	+12.17277
23	+28,994.021	+320,043.249	+11.03825
24	+29,201.971	+320,001.671	+10.95822
25	+28,869.851	+297,660.987	+10.31044
26	+28,616.181	+292,369.349	+10.21692
27	+28,558.092	+279,922.129	+9.80185
28	+28,679.075	+293,394.097	+10.23025
29	+28,646.470	+263,748.678	+9.20702
30	+28,775.213	+242,524.128	+8.42823
31	+29,166.111	+210,636.797	+7.22197
32	+30,201.440	+228,478.360	+7.56515
33	+31,048.355	+169,292.729	+5.45255
34	+32,088.673	+138,710.244	+4.32272
35	+32,942.579	+126,865.574	+3.85111
36	+33,379.289	+125,900.141	+3.77180
37	+33,833.908	+155,124.948	+4.58490
38	+33,875.900	+129,133.174	+3.81195
39	+33,271.736	+124,658.223	+3.74667
40	+32,408.422	+111,450.535	+3.43894
41	+30,925.185	+119,527.843	+3.86506
42	+29,668.965	+117,349.964	+3.95531

43	+27,911.636	+138,138.370	+4.94913
44	+26,462.569	+139,103.953	+5.25663
45	+24,767.415	+163,888.757	+6.61711
46	+23,451.371	+181,162.380	+7.72502
47	+22,555.359	+321,030.156	+14.23299
48	+21,606.993	+442,779.924	+20.49244

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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	+0.01780	+0.00	+0.00	+197,191.18	+30,358.999	+177,100.710
02	+0.01796	+0.00	+0.00	+200,439.73	+30,631.889	+177,100.710
03	+0.01780	+0.00	+0.00	+211,853.03	+30,358.999	+179,353.735
04	+0.01748	+0.00	+0.00	+210,424.44	+29,813.219	+179,353.735
05	+0.01731	+0.00	+0.00	+209,246.34	+29,523.274	+185,353.030
06	+0.01709	+0.00	+0.00	+191,869.38	+29,148.050	+185,353.030
07	+0.01709	+0.00	+0.00	+193,260.41	+29,148.050	+194,815.760
08	+0.01703	+0.00	+0.00	+180,954.29	+29,045.717	+194,815.760
09	+0.01703	+0.00	+0.00	+211,185.51	+29,045.717	+162,056.200
10	+0.01700	+0.00	+0.00	+214,127.54	+28,994.550	+162,056.200
11	+0.01724	+0.00	+0.00	+192,947.71	+29,403.885	+127,794.625
12	+0.01775	+0.00	+0.00	+209,207.89	+30,273.721	+127,794.625
13	+0.01865	+0.00	+0.00	+173,828.70	+31,808.727	+71,145.870
14	+0.01994	+0.00	+0.00	+171,159.43	+34,008.901	+71,145.870
15	+0.02073	+0.00	+0.00	+125,695.20	+35,356.295	-33,429.670
16	+0.02135	+0.00	+0.00	+102,759.27	+36,413.743	-33,429.670
17	+0.02138	+0.00	+0.00	+127,269.33	+36,464.910	+884.998
18	+0.02133	+0.00	+0.00	+168,972.99	+36,379.632	+884.998
19	+0.02215	+0.00	+0.00	+198,503.34	+37,778.193	-7,195.577
20	+0.02215	+0.00	+0.00	+197,725.41	+37,778.193	-7,195.577
21	+0.02235	+0.00	+0.00	+268,911.29	+38,119.305	+4,428.848
22	+0.02231	+0.00	+0.00	+267,944.82	+38,051.083	+4,428.848
23	+0.02209	+0.00	+0.00	+244,491.69	+37,675.859	-7,599.552
24	+0.02225	+0.00	+0.00	+243,847.84	+37,948.749	-7,599.552
25	+0.02200	+0.00	+0.00	+219,478.67	+37,522.358	-4,630.017
26	+0.02181	+0.00	+0.00	+214,902.23	+37,198.302	-4,630.017
27	+0.02176	+0.00	+0.00	+211,331.82	+37,113.024	-13,318.617
28	+0.02185	+0.00	+0.00	+224,465.01	+37,266.524	-13,318.617
29	+0.02183	+0.00	+0.00	+202,746.26	+37,232.413	-21,170.002
30	+0.02193	+0.00	+0.00	+181,145.29	+37,402.969	-21,170.002
31	+0.02223	+0.00	+0.00	+165,183.62	+37,914.638	-38,224.922
32	+0.02301	+0.00	+0.00	+180,089.11	+39,244.976	-38,224.922
33	+0.02366	+0.00	+0.00	+79,346.83	+40,353.591	+884.998
34	+0.02445	+0.00	+0.00	+45,790.63	+41,700.985	+884.998
35	+0.02510	+0.00	+0.00	+32,384.23	+42,809.600	+0.000
36	+0.02544	+0.00	+0.00	+30,138.97	+43,389.491	+0.000
37	+0.02578	+0.00	+0.00	+58,083.95	+43,969.382	+0.000
38	+0.02581	+0.00	+0.00	+31,979.25	+44,020.549	+0.000
39	+0.02535	+0.00	+0.00	+29,235.83	+43,235.990	+0.000
40	+0.02470	+0.00	+0.00	+18,474.87	+42,127.375	+0.000
41	+0.02357	+0.00	+0.00	+30,805.72	+40,200.090	+0.000
42	+0.02261	+0.00	+0.00	+32,241.47	+38,562.751	+0.000

43	+0.02127	+ .00	+ .00	+58,073.90	+36,277.298	+ .000
44	+0.02017	+ .00	+ .00	+63,180.10	+34,401.180	+ .000
45	+0.01887	+ .00	+ .00	+92,858.36	+32,183.950	+ .000
46	+0.01787	+ .00	+ .00	+113,896.18	+30,478.388	+ .000
47	+0.01719	+ .00	+ .00	+159,851.25	+29,318.606	+96,472.360
48	+0.01647	+ .00	+ .00	+284,311.24	+28,090.602	+96,472.360

Date: 19/04/2023

Settlement Day:23/03/2023

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	+118.808	+0.000	+1,659.566	+13,580.834	+18,708.461
02	+0.000	+119.875	+0.000	+1,674.483	+13,702.909	+18,876.627
03	+0.000	+118.808	+0.000	+1,659.566	+13,580.834	+18,708.461
04	+0.000	+116.672	+0.000	+1,629.731	+13,336.684	+18,372.129
05	+0.000	+115.537	+0.000	+1,613.881	+13,206.979	+18,193.453
06	+0.000	+114.069	+0.000	+1,593.369	+13,039.126	+17,962.225
07	+0.000	+114.069	+0.000	+1,593.369	+13,039.126	+17,962.225
08	+0.000	+113.668	+0.000	+1,587.775	+12,993.348	+17,899.162
09	+0.000	+113.668	+0.000	+1,587.775	+12,993.348	+17,899.162
10	+0.000	+113.468	+0.000	+1,584.978	+12,970.459	+17,867.631
11	+0.000	+115.070	+0.000	+1,607.355	+13,153.572	+18,119.880
12	+0.000	+118.474	+0.000	+1,654.904	+13,542.685	+18,655.909
13	+0.000	+124.481	+0.000	+1,738.814	+14,229.357	+19,601.843
14	+0.000	+133.091	+0.000	+1,859.086	+15,213.586	+20,957.681
15	+0.000	+138.364	+0.000	+1,932.741	+15,816.331	+21,788.000
16	+0.000	+142.502	+0.000	+1,990.546	+16,289.371	+22,439.643
17	+0.000	+142.703	+0.000	+1,993.343	+16,312.260	+22,471.174
18	+0.000	+142.369	+0.000	+1,988.682	+16,274.111	+22,418.622
19	+0.000	+147.842	+0.000	+2,065.134	+16,899.745	+23,280.473
20	+0.000	+147.842	+0.000	+2,065.134	+16,899.745	+23,280.473
21	+0.000	+149.177	+0.000	+2,083.780	+17,052.339	+23,490.680
22	+0.000	+148.910	+0.000	+2,080.051	+17,021.820	+23,448.639
23	+0.000	+147.441	+0.000	+2,059.540	+16,853.967	+23,217.410
24	+0.000	+148.509	+0.000	+2,074.457	+16,976.042	+23,385.576
25	+0.000	+146.841	+0.000	+2,051.148	+16,785.300	+23,122.817
26	+0.000	+145.573	+0.000	+2,033.434	+16,640.336	+22,923.120
27	+0.000	+145.239	+0.000	+2,028.772	+16,602.188	+22,870.568
28	+0.000	+145.840	+0.000	+2,037.163	+16,670.855	+22,965.162
29	+0.000	+145.706	+0.000	+2,035.299	+16,655.596	+22,944.141
30	+0.000	+146.374	+0.000	+2,044.622	+16,731.892	+23,049.244
31	+0.000	+148.376	+0.000	+2,072.592	+16,960.783	+23,364.556
32	+0.000	+153.582	+0.000	+2,145.315	+17,555.898	+24,184.365
33	+0.000	+157.921	+0.000	+2,205.917	+18,051.827	+24,867.539
34	+0.000	+163.193	+0.000	+2,279.572	+18,654.572	+25,697.858
35	+0.000	+167.532	+0.000	+2,340.174	+19,150.502	+26,381.032
36	+0.000	+169.801	+0.000	+2,371.873	+19,409.911	+26,738.385
37	+0.000	+172.071	+0.000	+2,403.573	+19,669.320	+27,095.737
38	+0.000	+172.271	+0.000	+2,406.370	+19,692.209	+27,127.269
39	+0.000	+169.201	+0.000	+2,363.482	+19,341.244	+26,643.791
40	+0.000	+164.862	+0.000	+2,302.880	+18,845.314	+25,960.617
41	+0.000	+157.320	+0.000	+2,197.526	+17,983.160	+24,772.945
42	+0.000	+150.912	+0.000	+2,108.021	+17,250.711	+23,763.950

43	+.000	+141.968	+.000	+1,983.088	+16,228.333	+22,355.560
44	+.000	+134.626	+.000	+1,880.530	+15,389.068	+21,199.419
45	+.000	+125.949	+.000	+1,759.326	+14,397.210	+19,833.071
46	+.000	+119.275	+.000	+1,666.092	+13,634.242	+18,782.034
47	+.000	+114.736	+.000	+1,602.693	+13,115.423	+18,067.328
48	+.000	+109.930	+.000	+1,535.564	+12,566.086	+17,310.582

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Settlement Day:23/03/2023

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	-389.313	+585.205	+2,380.147	+.000
02	+.000	+.000	-392.812	+590.466	+2,401.541	+.000
03	+.000	+.000	-389.313	+585.205	+2,380.147	+.000
04	+.000	+.000	-382.314	+574.685	+2,337.358	+.000
05	+.000	+.000	-378.596	+569.096	+2,314.626	+.000
06	+.000	+.000	-373.784	+561.863	+2,285.208	+.000
07	+.000	+.000	-373.784	+561.863	+2,285.208	+.000
08	+.000	+.000	-372.472	+559.890	+2,277.185	+.000
09	+.000	+.000	-372.472	+559.890	+2,277.185	+.000
10	+.000	+.000	-371.816	+558.904	+2,273.174	+.000
11	+.000	+.000	-377.065	+566.794	+2,305.266	+.000
12	+.000	+.000	-388.219	+583.562	+2,373.461	+.000
13	+.000	+.000	-407.904	+613.151	+2,493.805	+.000
14	+.000	+.000	-436.118	+655.562	+2,666.299	+.000
15	+.000	+.000	-453.397	+681.534	+2,771.935	+.000
16	+.000	+.000	-466.957	+701.918	+2,854.839	+.000
17	+.000	+.000	-467.613	+702.904	+2,858.850	+.000
18	+.000	+.000	-466.520	+701.260	+2,852.165	+.000
19	+.000	+.000	-484.454	+728.219	+2,961.812	+.000
20	+.000	+.000	-484.454	+728.219	+2,961.812	+.000
21	+.000	+.000	-488.828	+734.794	+2,988.555	+.000
22	+.000	+.000	-487.954	+733.479	+2,983.206	+.000
23	+.000	+.000	-483.142	+726.247	+2,953.789	+.000
24	+.000	+.000	-486.641	+731.507	+2,975.183	+.000
25	+.000	+.000	-481.173	+723.288	+2,941.754	+.000
26	+.000	+.000	-477.018	+717.041	+2,916.348	+.000
27	+.000	+.000	-475.924	+715.397	+2,909.663	+.000
28	+.000	+.000	-477.893	+718.356	+2,921.697	+.000
29	+.000	+.000	-477.455	+717.699	+2,919.023	+.000
30	+.000	+.000	-479.642	+720.986	+2,932.394	+.000
31	+.000	+.000	-486.204	+730.849	+2,972.509	+.000
32	+.000	+.000	-503.264	+756.493	+3,076.808	+.000
33	+.000	+.000	-517.480	+777.863	+3,163.723	+.000
34	+.000	+.000	-534.759	+803.836	+3,269.359	+.000
35	+.000	+.000	-548.975	+825.205	+3,356.274	+.000
36	+.000	+.000	-556.411	+836.384	+3,401.738	+.000
37	+.000	+.000	-563.848	+847.562	+3,447.201	+.000
38	+.000	+.000	-564.504	+848.548	+3,451.213	+.000
39	+.000	+.000	-554.443	+833.425	+3,389.703	+.000
40	+.000	+.000	-540.227	+812.055	+3,302.788	+.000
41	+.000	+.000	-515.512	+774.904	+3,151.689	+.000
42	+.000	+.000	-494.515	+743.342	+3,023.321	+.000



43	+.000	+.000	-465.207	+699.288	+2,844.142	+.000
44	+.000	+.000	-441.149	+663.123	+2,697.054	+.000
45	+.000	+.000	-412.716	+620.384	+2,523.223	+.000
46	+.000	+.000	-390.844	+587.507	+2,389.507	+.000
47	+.000	+.000	-375.971	+565.151	+2,298.580	+.000
48	+.000	+.000	-360.224	+541.479	+2,202.304	+.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	+441,294.596
02	+ .000	+445,145.418
03	+ .000	+458,209.471
04	+ .000	+455,576.338
05	+ .000	+459,757.620
06	+ .000	+441,552.536
07	+ .000	+452,406.296
08	+ .000	+439,874.325
09	+ .000	+437,345.985
10	+ .000	+440,175.089
11	+ .000	+385,637.091
12	+ .000	+403,817.011
13	+ .000	+315,176.844
14	+ .000	+317,363.388
15	+ .000	+170,297.333
16	+ .000	+149,695.206
17	+ .000	+208,632.859
18	+ .000	+250,148.310
19	+ .000	+274,684.726
20	+ .000	+273,906.796
21	+ .000	+357,469.940
22	+ .000	+356,352.903
23	+ .000	+320,043.249
24	+ .000	+320,001.671
25	+ .000	+297,660.987
26	+ .000	+292,369.349
27	+ .000	+279,922.129
28	+ .000	+293,394.097
29	+ .000	+263,748.678
30	+ .000	+242,524.128
31	+ .000	+210,636.797
32	+ .000	+228,478.360
33	+ .000	+169,292.729
34	+ .000	+138,710.244
35	+ .000	+126,865.574
36	+ .000	+125,900.141
37	+ .000	+155,124.948
38	+ .000	+129,133.174
39	+ .000	+124,658.223
40	+ .000	+111,450.535
41	+ .000	+119,527.843
42	+ .000	+117,349.964

43	+.000	+138,138.370
44	+.000	+139,103.953
45	+.000	+163,888.757
46	+.000	+181,162.380
47	+.000	+321,030.156
48	+.000	+442,779.924