

Date: 25/01/2023

Settlement Day:31/12/2022

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: 275

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	+11,718,777.460	+1,084,503,261.490
Balancing Services Contract Cost	+3,502,150.900	+795,861,982.402
Balancing Services Cost Variable	+1,511,476.840	+1,133,828,167.562
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+25,170.220	+7,558,957.250
Black Start Testing Costs	+ .000	+225,432.650
Black Start Availability Costs	+83,126.400	+27,468,232.740
Black Start Other Costs	+2,028,925.610	+184,896,693.910
System Operator Internal Costs	+1,051,037.140	+289,035,213.500
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	+3,680.000	+1,012,000.000
ALoMCP Recovery	+32,876.710	+9,041,095.250
CMP 381 Deferral	+133,716.110	+32,493,014.730
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+289,035,213.500
Total External Costs	+19,039,900.250	+3,276,888,837.984
Total Adjusted Energy Volume (MWh)	+1,232,237.138	

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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	+22,736.205	+450,843.688	+19.82933
02	+23,098.227	+522,830.216	+22.63508
03	+22,550.237	+505,069.941	+22.39754
04	+21,863.802	+486,902.438	+22.26980
05	+21,289.946	+433,323.754	+20.35345
06	+20,961.596	+412,292.399	+19.66894
07	+20,707.306	+427,869.456	+20.66273
08	+20,287.622	+427,888.494	+21.09111
09	+20,305.318	+447,396.402	+22.03346
10	+20,131.703	+420,389.387	+20.88196
11	+20,296.030	+452,262.306	+22.28329
12	+20,623.826	+465,351.270	+22.56377
13	+20,895.063	+438,123.400	+20.96780
14	+21,557.301	+463,625.532	+21.50666
15	+22,626.202	+439,693.942	+19.43295
16	+23,260.413	+430,445.897	+18.50551
17	+23,898.282	+306,560.795	+12.82773
18	+24,866.799	+322,306.165	+12.96130
19	+25,191.165	+237,124.032	+9.41298
20	+25,911.080	+270,758.155	+10.44951
21	+26,856.647	+367,773.381	+13.69394
22	+27,376.216	+485,377.148	+17.72988
23	+27,697.540	+554,957.166	+20.03633
24	+28,366.742	+532,421.855	+18.76923
25	+29,065.432	+517,563.374	+17.80684
26	+29,492.551	+502,613.026	+17.04203
27	+29,913.379	+381,117.935	+12.74072
28	+29,808.643	+355,968.854	+11.94180
29	+29,886.811	+397,663.055	+13.30564
30	+29,879.969	+412,498.755	+13.80519
31	+30,225.518	+400,541.866	+13.25178
32	+30,726.060	+410,125.016	+13.34779
33	+31,716.597	+437,817.193	+13.80404
34	+32,260.316	+446,787.263	+13.84944
35	+32,476.247	+482,616.726	+14.86061
36	+32,085.896	+459,130.948	+14.30943
37	+31,392.649	+465,247.225	+14.82026
38	+30,348.414	+428,486.125	+14.11890
39	+29,063.188	+342,712.044	+11.79196
40	+27,816.616	+280,192.547	+10.07285
41	+26,527.970	+307,919.177	+11.60734
42	+25,355.287	+265,783.248	+10.48236

43	+24,409.539	+276,149.212	+11.31317
44	+23,487.041	+293,788.830	+12.50855
45	+23,608.354	+455,514.728	+19.29464
46	+23,247.390	+411,726.860	+17.71067
47	+23,129.466	+548,474.342	+23.71323
48	+22,958.537	+509,049.036	+22.17254

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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	+0.01845	+0.00	+0.00	+278,291.27	+64,614.684	+45,972.815
02	+0.01874	+0.00	+0.00	+348,288.20	+65,630.308	+45,972.815
03	+0.01830	+0.00	+0.00	+327,986.59	+64,089.361	+51,532.850
04	+0.01774	+0.00	+0.00	+313,661.07	+62,128.157	+51,532.850
05	+0.01728	+0.00	+0.00	+276,012.66	+60,517.168	+38,758.490
06	+0.01701	+0.00	+0.00	+256,833.69	+59,571.587	+38,758.490
07	+0.01680	+0.00	+0.00	+255,586.82	+58,836.135	+57,023.160
08	+0.01646	+0.00	+0.00	+257,938.49	+57,645.404	+57,023.160
09	+0.01648	+0.00	+0.00	+277,704.68	+57,715.447	+56,627.665
10	+0.01634	+0.00	+0.00	+251,658.16	+57,225.146	+56,627.665
11	+0.01647	+0.00	+0.00	+247,570.88	+57,680.425	+91,695.975
12	+0.01674	+0.00	+0.00	+258,807.46	+58,626.006	+91,695.975
13	+0.01696	+0.00	+0.00	+228,396.05	+59,396.479	+93,370.165
14	+0.01749	+0.00	+0.00	+250,262.02	+61,252.619	+93,370.165
15	+0.01836	+0.00	+0.00	+263,909.55	+64,299.491	+49,822.250
16	+0.01888	+0.00	+0.00	+251,093.95	+66,120.609	+49,822.250
17	+0.01939	+0.00	+0.00	+156,901.00	+67,906.706	+16,631.150
18	+0.02018	+0.00	+0.00	+167,226.43	+70,673.405	+16,631.150
19	+0.02044	+0.00	+0.00	+96,891.67	+71,583.964	+0.000
20	+0.02103	+0.00	+0.00	+126,477.99	+73,650.233	+0.000
21	+0.02180	+0.00	+0.00	+218,210.49	+76,346.890	+0.000
22	+0.02222	+0.00	+0.00	+332,932.77	+77,817.793	+0.000
23	+0.02248	+0.00	+0.00	+400,729.01	+78,728.352	+0.000
24	+0.02302	+0.00	+0.00	+374,488.93	+80,619.514	+0.000
25	+0.02359	+0.00	+0.00	+355,719.86	+82,615.740	+0.000
26	+0.02393	+0.00	+0.00	+338,436.88	+83,806.471	+0.000
27	+0.02428	+0.00	+0.00	+214,540.55	+85,032.224	+0.000
28	+0.02419	+0.00	+0.00	+190,008.93	+84,717.030	+0.000
29	+0.02425	+0.00	+0.00	+231,291.49	+84,927.159	+0.000
30	+0.02425	+0.00	+0.00	+246,127.19	+84,927.159	+0.000
31	+0.02453	+0.00	+0.00	+232,249.31	+85,907.762	+0.000
32	+0.02494	+0.00	+0.00	+239,019.58	+87,343.643	+0.000
33	+0.02574	+0.00	+0.00	+261,223.21	+90,145.364	+0.000
34	+0.02618	+0.00	+0.00	+267,174.58	+91,686.311	+0.000
35	+0.02636	+0.00	+0.00	+301,769.12	+92,316.698	+0.000
36	+0.02604	+0.00	+0.00	+280,478.76	+91,196.009	+0.000
37	+0.02548	+0.00	+0.00	+290,437.02	+89,234.805	+0.000
38	+0.02463	+0.00	+0.00	+259,507.50	+86,257.977	+0.000
39	+0.02359	+0.00	+0.00	+180,868.53	+82,615.740	+0.000
40	+0.02257	+0.00	+0.00	+125,346.93	+79,043.546	+0.000
41	+0.02153	+0.00	+0.00	+160,208.67	+75,401.309	+0.000
42	+0.02058	+0.00	+0.00	+124,590.39	+72,074.266	+0.000

43	+0.01981	+.00	+.00	+112,489.08	+69,377.609	+27,750.000
44	+0.01906	+.00	+.00	+135,274.21	+66,750.996	+27,750.000
45	+0.01916	+.00	+.00	+278,607.49	+67,101.211	+45,456.550
46	+0.01887	+.00	+.00	+236,809.22	+66,085.587	+45,456.550
47	+0.01877	+.00	+.00	+238,601.97	+65,735.372	+181,097.350
48	+0.01863	+.00	+.00	+200,137.16	+65,245.071	+181,097.350

Date: 25/01/2023

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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	+464.391	+0.000	+1,533.682	+37,433.678	+19,391.635
02	+0.000	+471.690	+0.000	+1,557.789	+38,022.066	+19,696.436
03	+0.000	+460.615	+0.000	+1,521.213	+37,129.339	+19,233.980
04	+0.000	+446.520	+0.000	+1,474.662	+35,993.140	+18,645.399
05	+0.000	+434.941	+0.000	+1,436.424	+35,059.835	+18,161.922
06	+0.000	+428.145	+0.000	+1,413.980	+34,512.025	+17,878.142
07	+0.000	+422.860	+0.000	+1,396.524	+34,085.950	+17,657.424
08	+0.000	+414.302	+0.000	+1,368.261	+33,396.116	+17,300.071
09	+0.000	+414.805	+0.000	+1,369.923	+33,436.694	+17,321.092
10	+0.000	+411.281	+0.000	+1,358.285	+33,152.644	+17,173.947
11	+0.000	+414.554	+0.000	+1,369.092	+33,416.405	+17,310.582
12	+0.000	+421.349	+0.000	+1,391.536	+33,964.215	+17,594.362
13	+0.000	+426.887	+0.000	+1,409.824	+34,410.578	+17,825.590
14	+0.000	+440.227	+0.000	+1,453.881	+35,485.909	+18,382.640
15	+0.000	+462.125	+0.000	+1,526.201	+37,251.074	+19,297.042
16	+0.000	+475.214	+0.000	+1,569.426	+38,306.116	+19,843.581
17	+0.000	+488.051	+0.000	+1,611.821	+39,340.868	+20,379.610
18	+0.000	+507.935	+0.000	+1,677.491	+40,943.719	+21,209.929
19	+0.000	+514.479	+0.000	+1,699.104	+41,471.239	+21,483.199
20	+0.000	+529.330	+0.000	+1,748.148	+42,668.306	+22,103.311
21	+0.000	+548.711	+0.000	+1,812.156	+44,230.578	+22,912.610
22	+0.000	+559.282	+0.000	+1,847.069	+45,082.727	+23,354.045
23	+0.000	+565.827	+0.000	+1,868.681	+45,610.248	+23,627.315
24	+0.000	+579.418	+0.000	+1,913.570	+46,705.868	+24,194.875
25	+0.000	+593.765	+0.000	+1,960.952	+47,862.355	+24,793.966
26	+0.000	+602.323	+0.000	+1,989.215	+48,552.190	+25,151.319
27	+0.000	+611.133	+0.000	+2,018.309	+49,262.314	+25,519.182
28	+0.000	+608.868	+0.000	+2,010.828	+49,079.711	+25,424.588
29	+0.000	+610.378	+0.000	+2,015.815	+49,201.446	+25,487.651
30	+0.000	+610.378	+0.000	+2,015.815	+49,201.446	+25,487.651
31	+0.000	+617.425	+0.000	+2,039.091	+49,769.545	+25,781.941
32	+0.000	+627.745	+0.000	+2,073.172	+50,601.405	+26,212.866
33	+0.000	+647.881	+0.000	+2,139.674	+52,224.545	+27,053.696
34	+0.000	+658.956	+0.000	+2,176.249	+53,117.272	+27,516.152
35	+0.000	+663.487	+0.000	+2,191.212	+53,482.479	+27,705.339
36	+0.000	+655.433	+0.000	+2,164.611	+52,833.223	+27,369.007
37	+0.000	+641.337	+0.000	+2,118.061	+51,697.025	+26,780.426
38	+0.000	+619.943	+0.000	+2,047.403	+49,972.438	+25,887.045
39	+0.000	+593.765	+0.000	+1,960.952	+47,862.355	+24,793.966
40	+0.000	+568.092	+0.000	+1,876.163	+45,792.851	+23,721.908
41	+0.000	+541.915	+0.000	+1,789.711	+43,682.768	+22,628.830
42	+0.000	+518.003	+0.000	+1,710.741	+41,755.289	+21,630.344

43	+.000	+498.622	+.000	+1,646.734	+40,193.016	+20,821.046
44	+.000	+479.744	+.000	+1,584.389	+38,671.322	+20,032.768
45	+.000	+482.261	+.000	+1,592.702	+38,874.215	+20,137.872
46	+.000	+474.962	+.000	+1,568.595	+38,285.826	+19,833.071
47	+.000	+472.445	+.000	+1,560.283	+38,082.934	+19,727.967
48	+.000	+468.921	+.000	+1,548.645	+37,798.884	+19,580.822

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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	+67.896	+606.575	+2,467.062	+.000
02	+.000	+.000	+68.963	+616.110	+2,505.840	+.000
03	+.000	+.000	+67.344	+601.644	+2,447.005	+.000
04	+.000	+.000	+65.283	+583.233	+2,372.124	+.000
05	+.000	+.000	+63.590	+568.110	+2,310.614	+.000
06	+.000	+.000	+62.597	+559.233	+2,274.511	+.000
07	+.000	+.000	+61.824	+552.329	+2,246.431	+.000
08	+.000	+.000	+60.573	+541.151	+2,200.967	+.000
09	+.000	+.000	+60.646	+541.808	+2,203.641	+.000
10	+.000	+.000	+60.131	+537.205	+2,184.921	+.000
11	+.000	+.000	+60.610	+541.479	+2,202.304	+.000
12	+.000	+.000	+61.603	+550.356	+2,238.408	+.000
13	+.000	+.000	+62.413	+557.589	+2,267.825	+.000
14	+.000	+.000	+64.363	+575.014	+2,338.695	+.000
15	+.000	+.000	+67.565	+603.616	+2,455.028	+.000
16	+.000	+.000	+69.478	+620.712	+2,524.560	+.000
17	+.000	+.000	+71.355	+637.479	+2,592.755	+.000
18	+.000	+.000	+74.262	+663.452	+2,698.391	+.000
19	+.000	+.000	+75.219	+672.000	+2,733.157	+.000
20	+.000	+.000	+77.390	+691.397	+2,812.050	+.000
21	+.000	+.000	+80.224	+716.712	+2,915.011	+.000
22	+.000	+.000	+81.770	+730.520	+2,971.172	+.000
23	+.000	+.000	+82.726	+739.068	+3,005.938	+.000
24	+.000	+.000	+84.714	+756.822	+3,078.145	+.000
25	+.000	+.000	+86.811	+775.562	+3,154.363	+.000
26	+.000	+.000	+88.062	+786.740	+3,199.827	+.000
27	+.000	+.000	+89.350	+798.247	+3,246.627	+.000
28	+.000	+.000	+89.019	+795.288	+3,234.593	+.000
29	+.000	+.000	+89.240	+797.260	+3,242.616	+.000
30	+.000	+.000	+89.240	+797.260	+3,242.616	+.000
31	+.000	+.000	+90.270	+806.466	+3,280.056	+.000
32	+.000	+.000	+91.779	+819.945	+3,334.880	+.000
33	+.000	+.000	+94.723	+846.247	+3,441.853	+.000
34	+.000	+.000	+96.342	+860.712	+3,500.688	+.000
35	+.000	+.000	+97.005	+866.630	+3,524.757	+.000
36	+.000	+.000	+95.827	+856.110	+3,481.968	+.000
37	+.000	+.000	+93.766	+837.699	+3,407.086	+.000
38	+.000	+.000	+90.638	+809.753	+3,293.428	+.000
39	+.000	+.000	+86.811	+775.562	+3,154.363	+.000
40	+.000	+.000	+83.058	+742.027	+3,017.973	+.000
41	+.000	+.000	+79.230	+707.836	+2,878.908	+.000
42	+.000	+.000	+75.734	+676.603	+2,751.878	+.000

43	+.000	+.000	+72.901	+651.288	+2,648.916	+.000
44	+.000	+.000	+70.141	+626.630	+2,548.629	+.000
45	+.000	+.000	+70.509	+629.918	+2,562.001	+.000
46	+.000	+.000	+69.442	+620.384	+2,523.223	+.000
47	+.000	+.000	+69.074	+617.096	+2,509.851	+.000
48	+.000	+.000	+68.558	+612.493	+2,491.131	+.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	+450,843.688
02	+ .000	+522,830.216
03	+ .000	+505,069.941
04	+ .000	+486,902.438
05	+ .000	+433,323.754
06	+ .000	+412,292.399
07	+ .000	+427,869.456
08	+ .000	+427,888.494
09	+ .000	+447,396.402
10	+ .000	+420,389.387
11	+ .000	+452,262.306
12	+ .000	+465,351.270
13	+ .000	+438,123.400
14	+ .000	+463,625.532
15	+ .000	+439,693.942
16	+ .000	+430,445.897
17	+ .000	+306,560.795
18	+ .000	+322,306.165
19	+ .000	+237,124.032
20	+ .000	+270,758.155
21	+ .000	+367,773.381
22	+ .000	+485,377.148
23	+ .000	+554,957.166
24	+ .000	+532,421.855
25	+ .000	+517,563.374
26	+ .000	+502,613.026
27	+ .000	+381,117.935
28	+ .000	+355,968.854
29	+ .000	+397,663.055
30	+ .000	+412,498.755
31	+ .000	+400,541.866
32	+ .000	+410,125.016
33	+ .000	+437,817.193
34	+ .000	+446,787.263
35	+ .000	+482,616.726
36	+ .000	+459,130.948
37	+ .000	+465,247.225
38	+ .000	+428,486.125
39	+ .000	+342,712.044
40	+ .000	+280,192.547
41	+ .000	+307,919.177
42	+ .000	+265,783.248

43	+.000	+276,149.212
44	+.000	+293,788.830
45	+.000	+455,514.728
46	+.000	+411,726.860
47	+.000	+548,474.342
48	+.000	+509,049.036