

Date: 18/01/2023

Settlement Day:21/12/2022

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: 265

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	+8,394,937.000	+988,062,689.940
Balancing Services Contract Cost	+2,698,498.210	+768,108,977.434
Balancing Services Cost Variable	+393,920.100	+1,127,401,219.262
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+25,170.220	+7,307,255.040
Black Start Testing Costs	+ .000	+225,432.650
Black Start Availability Costs	+82,746.000	+26,650,251.420
Black Start Other Costs	+2,028,925.610	+164,607,437.810
System Operator Internal Costs	+1,051,037.140	+278,524,842.100
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
SO-TO Outage Costs	+3,680.000	+975,200.000
ALoMCP Recovery	+32,876.710	+8,712,328.150
CMP 381 Deferral	+133,716.110	+31,155,853.630
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+1,051,037.140	+278,524,842.100
Total External Costs	+13,794,469.960	+3,123,206,645.336
Total Adjusted Energy Volume (MWh)	+1,504,715.049	

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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	+24,899.437	+611,425.908	+24.55581
02	+25,183.688	+559,343.821	+22.21056
03	+24,826.874	+538,493.895	+21.68996
04	+24,220.442	+480,344.305	+19.83219
05	+24,309.124	+475,136.184	+19.54559
06	+24,164.741	+474,744.849	+19.64618
07	+24,399.061	+504,930.263	+20.69466
08	+24,398.019	+473,304.827	+19.39931
09	+24,672.047	+490,037.350	+19.86205
10	+24,772.434	+480,074.629	+19.37939
11	+25,716.844	+615,473.949	+23.93272
12	+26,489.872	+574,880.290	+21.70189
13	+28,318.917	+524,271.213	+18.51311
14	+30,029.133	+478,373.474	+15.93031
15	+32,101.123	+330,786.595	+10.30452
16	+33,511.891	+357,898.276	+10.67974
17	+34,376.734	+357,245.983	+10.39209
18	+35,263.748	+348,074.726	+9.87061
19	+35,641.783	+312,572.849	+8.76984
20	+35,752.520	+255,791.004	+7.15449
21	+35,620.623	+220,743.676	+6.19708
22	+35,682.952	+212,878.332	+5.96583
23	+35,519.640	+192,027.057	+5.40622
24	+35,435.621	+200,858.498	+5.66827
25	+35,957.813	+195,830.745	+5.44613
26	+35,592.233	+193,720.253	+5.44277
27	+35,289.323	+156,852.263	+4.44475
28	+35,034.852	+152,914.552	+4.36464
29	+34,752.910	+150,236.865	+4.32300
30	+34,807.492	+191,521.525	+5.50231
31	+34,808.233	+185,088.885	+5.31739
32	+35,264.374	+242,764.456	+6.88413
33	+36,149.973	+217,744.443	+6.02336
34	+37,138.656	+242,393.372	+6.52671
35	+37,487.179	+228,367.122	+6.09187
36	+37,302.523	+252,383.734	+6.76586
37	+36,883.930	+227,214.352	+6.16025
38	+36,188.570	+216,666.423	+5.98715
39	+35,238.531	+256,788.673	+7.28716
40	+34,121.478	+235,979.772	+6.91587
41	+33,132.050	+208,538.903	+6.29417
42	+31,961.977	+157,244.716	+4.91974

43	+30,578.074	+191,144.448	+6.25103
44	+28,956.996	+176,922.046	+6.10982
45	+27,658.668	+189,980.797	+6.86876
46	+26,270.791	+161,331.689	+6.14111
47	+24,902.804	+177,652.918	+7.13385
48	+23,928.351	+166,512.205	+6.95878

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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	+0.01655	+0.00	+0.00	+477,790.85	+44,660.145	+33,397.500
02	+0.01674	+0.00	+0.00	+424,558.00	+45,172.860	+33,397.500
03	+0.01650	+0.00	+0.00	+405,161.67	+44,525.220	+33,397.500
04	+0.01610	+0.00	+0.00	+349,434.74	+43,445.821	+33,397.500
05	+0.01616	+0.00	+0.00	+343,863.22	+43,607.731	+33,397.500
06	+0.01606	+0.00	+0.00	+344,077.55	+43,337.881	+33,397.500
07	+0.01622	+0.00	+0.00	+373,293.90	+43,769.641	+33,397.500
08	+0.01621	+0.00	+0.00	+341,729.03	+43,742.656	+33,397.500
09	+0.01640	+0.00	+0.00	+357,310.79	+44,255.371	+33,397.500
10	+0.01646	+0.00	+0.00	+346,984.67	+44,417.281	+33,397.500
11	+0.01709	+0.00	+0.00	+478,568.30	+46,117.334	+33,397.500
12	+0.01760	+0.00	+0.00	+434,885.75	+47,493.568	+33,397.500
13	+0.01882	+0.00	+0.00	+376,887.56	+50,785.736	+33,397.500
14	+0.01996	+0.00	+0.00	+324,085.24	+53,862.024	+33,397.500
15	+0.02133	+0.00	+0.00	+201,598.25	+57,558.967	+0.000
16	+0.02227	+0.00	+0.00	+223,016.68	+60,095.555	+0.000
17	+0.02285	+0.00	+0.00	+218,851.53	+61,660.684	+0.000
18	+0.02344	+0.00	+0.00	+206,106.85	+63,252.798	+0.000
19	+0.02369	+0.00	+0.00	+169,090.81	+63,927.423	+0.000
20	+0.02376	+0.00	+0.00	+111,885.00	+64,116.317	+0.000
21	+0.02367	+0.00	+0.00	+77,382.77	+63,873.453	+0.000
22	+0.02371	+0.00	+0.00	+69,275.16	+63,981.393	+0.000
23	+0.02361	+0.00	+0.00	+49,029.55	+63,711.543	+0.000
24	+0.02355	+0.00	+0.00	+58,224.39	+63,549.633	+0.000
25	+0.02390	+0.00	+0.00	+51,076.81	+64,494.107	+0.000
26	+0.02365	+0.00	+0.00	+50,480.48	+63,819.483	+0.000
27	+0.02345	+0.00	+0.00	+14,823.82	+63,279.783	+0.000
28	+0.02328	+0.00	+0.00	+11,915.74	+62,821.038	+0.000
29	+0.02310	+0.00	+0.00	+10,328.25	+62,335.309	+0.000
30	+0.02313	+0.00	+0.00	+51,431.21	+62,416.264	+0.000
31	+0.02313	+0.00	+0.00	+44,998.57	+62,416.264	+0.000
32	+0.02344	+0.00	+0.00	+100,796.58	+63,252.798	+0.000
33	+0.02402	+0.00	+0.00	+72,263.71	+64,817.927	+0.000
34	+0.02468	+0.00	+0.00	+92,915.25	+66,598.936	+0.000
35	+0.02491	+0.00	+0.00	+77,495.97	+67,219.590	+0.000
36	+0.02479	+0.00	+0.00	+102,239.38	+66,895.771	+0.000
37	+0.02451	+0.00	+0.00	+78,765.86	+66,140.191	+0.000
38	+0.02405	+0.00	+0.00	+71,003.99	+64,898.882	+0.000
39	+0.02342	+0.00	+0.00	+114,941.93	+63,198.828	+0.000
40	+0.02268	+0.00	+0.00	+98,614.95	+61,201.939	+0.000
41	+0.02202	+0.00	+0.00	+75,171.47	+59,420.931	+0.000
42	+0.02124	+0.00	+0.00	+28,601.47	+57,316.102	+0.000

43	+0.02032	+ .00	+ .00	+68,073.32	+54,833.484	+ .000
44	+0.01924	+ .00	+ .00	+60,392.10	+51,919.106	+ .000
45	+0.01838	+ .00	+ .00	+78,659.57	+49,598.397	+ .000
46	+0.01746	+ .00	+ .00	+55,582.58	+47,115.779	+ .000
47	+0.01655	+ .00	+ .00	+131,737.81	+44,660.145	-54,322.450
48	+0.01590	+ .00	+ .00	+89,533.92	+42,906.122	-19,322.450

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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	+416.567	+0.000	+1,369.446	+33,578.719	+17,394.665
02	+0.000	+421.349	+0.000	+1,385.168	+33,964.215	+17,594.362
03	+0.000	+415.309	+0.000	+1,365.309	+33,477.273	+17,342.113
04	+0.000	+405.241	+0.000	+1,332.211	+32,665.702	+16,921.698
05	+0.000	+406.751	+0.000	+1,337.175	+32,787.438	+16,984.760
06	+0.000	+404.234	+0.000	+1,328.901	+32,584.545	+16,879.656
07	+0.000	+408.261	+0.000	+1,342.140	+32,909.173	+17,047.822
08	+0.000	+408.009	+0.000	+1,341.313	+32,888.884	+17,037.312
09	+0.000	+412.792	+0.000	+1,357.034	+33,274.380	+17,237.009
10	+0.000	+414.302	+0.000	+1,361.999	+33,396.116	+17,300.071
11	+0.000	+430.159	+0.000	+1,414.129	+34,674.339	+17,962.225
12	+0.000	+442.996	+0.000	+1,456.330	+35,709.091	+18,498.254
13	+0.000	+473.704	+0.000	+1,557.280	+38,184.380	+19,780.519
14	+0.000	+502.398	+0.000	+1,651.610	+40,497.355	+20,978.701
15	+0.000	+536.881	+0.000	+1,764.972	+43,276.983	+22,418.622
16	+0.000	+560.541	+0.000	+1,842.753	+45,184.173	+23,406.597
17	+0.000	+575.140	+0.000	+1,890.746	+46,360.950	+24,016.199
18	+0.000	+589.990	+0.000	+1,939.566	+47,558.016	+24,636.311
19	+0.000	+596.283	+0.000	+1,960.253	+48,065.248	+24,899.070
20	+0.000	+598.044	+0.000	+1,966.045	+48,207.272	+24,972.642
21	+0.000	+595.779	+0.000	+1,958.598	+48,024.669	+24,878.049
22	+0.000	+596.786	+0.000	+1,961.908	+48,105.826	+24,920.091
23	+0.000	+594.269	+0.000	+1,953.633	+47,902.934	+24,814.987
24	+0.000	+592.759	+0.000	+1,948.668	+47,781.198	+24,751.925
25	+0.000	+601.568	+0.000	+1,977.629	+48,491.322	+25,119.788
26	+0.000	+595.276	+0.000	+1,956.943	+47,984.091	+24,857.028
27	+0.000	+590.242	+0.000	+1,940.394	+47,578.306	+24,646.821
28	+0.000	+585.963	+0.000	+1,926.327	+47,233.388	+24,468.145
29	+0.000	+581.432	+0.000	+1,911.433	+46,868.182	+24,278.958
30	+0.000	+582.187	+0.000	+1,913.915	+46,929.049	+24,310.489
31	+0.000	+582.187	+0.000	+1,913.915	+46,929.049	+24,310.489
32	+0.000	+589.990	+0.000	+1,939.566	+47,558.016	+24,636.311
33	+0.000	+604.589	+0.000	+1,987.559	+48,734.793	+25,245.912
34	+0.000	+621.201	+0.000	+2,042.171	+50,073.884	+25,939.597
35	+0.000	+626.990	+0.000	+2,061.203	+50,540.537	+26,181.335
36	+0.000	+623.970	+0.000	+2,051.273	+50,297.066	+26,055.211
37	+0.000	+616.922	+0.000	+2,028.104	+49,728.967	+25,760.920
38	+0.000	+605.344	+0.000	+1,990.041	+48,795.661	+25,277.443
39	+0.000	+589.487	+0.000	+1,937.911	+47,517.438	+24,615.290
40	+0.000	+570.861	+0.000	+1,876.679	+46,016.033	+23,837.522
41	+0.000	+554.248	+0.000	+1,822.067	+44,676.942	+23,143.838
42	+0.000	+534.615	+0.000	+1,757.525	+43,094.380	+22,324.029

43	+.000	+511.459	+.000	+1,681.399	+41,227.768	+21,357.075
44	+.000	+484.275	+.000	+1,592.033	+39,036.529	+20,221.955
45	+.000	+462.629	+.000	+1,520.871	+37,291.653	+19,318.063
46	+.000	+439.472	+.000	+1,444.745	+35,425.041	+18,351.108
47	+.000	+416.567	+.000	+1,369.446	+33,578.719	+17,394.665
48	+.000	+400.206	+.000	+1,315.661	+32,259.917	+16,711.491

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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	+60.904	+544.110	+2,213.002	+.000
02	+.000	+.000	+61.603	+550.356	+2,238.408	+.000
03	+.000	+.000	+60.720	+542.466	+2,206.316	+.000
04	+.000	+.000	+59.248	+529.315	+2,152.829	+.000
05	+.000	+.000	+59.469	+531.288	+2,160.852	+.000
06	+.000	+.000	+59.101	+528.000	+2,147.481	+.000
07	+.000	+.000	+59.690	+533.260	+2,168.875	+.000
08	+.000	+.000	+59.653	+532.931	+2,167.538	+.000
09	+.000	+.000	+60.352	+539.178	+2,192.944	+.000
10	+.000	+.000	+60.573	+541.151	+2,200.967	+.000
11	+.000	+.000	+62.891	+561.863	+2,285.208	+.000
12	+.000	+.000	+64.768	+578.630	+2,353.404	+.000
13	+.000	+.000	+69.258	+618.740	+2,516.537	+.000
14	+.000	+.000	+73.453	+656.219	+2,668.974	+.000
15	+.000	+.000	+78.494	+701.260	+2,852.165	+.000
16	+.000	+.000	+81.954	+732.164	+2,977.858	+.000
17	+.000	+.000	+84.088	+751.233	+3,055.413	+.000
18	+.000	+.000	+86.259	+770.630	+3,134.306	+.000
19	+.000	+.000	+87.179	+778.849	+3,167.735	+.000
20	+.000	+.000	+87.437	+781.151	+3,177.095	+.000
21	+.000	+.000	+87.106	+778.192	+3,165.060	+.000
22	+.000	+.000	+87.253	+779.507	+3,170.409	+.000
23	+.000	+.000	+86.885	+776.219	+3,157.037	+.000
24	+.000	+.000	+86.664	+774.247	+3,149.014	+.000
25	+.000	+.000	+87.952	+785.753	+3,195.815	+.000
26	+.000	+.000	+87.032	+777.534	+3,162.386	+.000
27	+.000	+.000	+86.296	+770.959	+3,135.643	+.000
28	+.000	+.000	+85.670	+765.370	+3,112.911	+.000
29	+.000	+.000	+85.008	+759.452	+3,088.842	+.000
30	+.000	+.000	+85.118	+760.438	+3,092.854	+.000
31	+.000	+.000	+85.118	+760.438	+3,092.854	+.000
32	+.000	+.000	+86.259	+770.630	+3,134.306	+.000
33	+.000	+.000	+88.394	+789.699	+3,211.861	+.000
34	+.000	+.000	+90.822	+811.397	+3,300.114	+.000
35	+.000	+.000	+91.669	+818.959	+3,330.868	+.000
36	+.000	+.000	+91.227	+815.014	+3,314.822	+.000
37	+.000	+.000	+90.197	+805.808	+3,277.382	+.000
38	+.000	+.000	+88.504	+790.685	+3,215.872	+.000
39	+.000	+.000	+86.186	+769.973	+3,131.631	+.000
40	+.000	+.000	+83.462	+745.644	+3,032.681	+.000
41	+.000	+.000	+81.034	+723.945	+2,944.429	+.000
42	+.000	+.000	+78.163	+698.301	+2,840.130	+.000

43	+.000	+.000	+74.778	+668.055	+2,717.111	+.000
44	+.000	+.000	+70.803	+632.548	+2,572.698	+.000
45	+.000	+.000	+67.638	+604.274	+2,457.702	+.000
46	+.000	+.000	+64.253	+574.027	+2,334.683	+.000
47	+.000	+.000	+60.904	+544.110	+2,213.002	+.000
48	+.000	+.000	+58.512	+522.740	+2,126.086	+.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	+611,425.908
02	+ .000	+559,343.821
03	+ .000	+538,493.895
04	+ .000	+480,344.305
05	+ .000	+475,136.184
06	+ .000	+474,744.849
07	+ .000	+504,930.263
08	+ .000	+473,304.827
09	+ .000	+490,037.350
10	+ .000	+480,074.629
11	+ .000	+615,473.949
12	+ .000	+574,880.290
13	+ .000	+524,271.213
14	+ .000	+478,373.474
15	+ .000	+330,786.595
16	+ .000	+357,898.276
17	+ .000	+357,245.983
18	+ .000	+348,074.726
19	+ .000	+312,572.849
20	+ .000	+255,791.004
21	+ .000	+220,743.676
22	+ .000	+212,878.332
23	+ .000	+192,027.057
24	+ .000	+200,858.498
25	+ .000	+195,830.745
26	+ .000	+193,720.253
27	+ .000	+156,852.263
28	+ .000	+152,914.552
29	+ .000	+150,236.865
30	+ .000	+191,521.525
31	+ .000	+185,088.885
32	+ .000	+242,764.456
33	+ .000	+217,744.443
34	+ .000	+242,393.372
35	+ .000	+228,367.122
36	+ .000	+252,383.734
37	+ .000	+227,214.352
38	+ .000	+216,666.423
39	+ .000	+256,788.673
40	+ .000	+235,979.772
41	+ .000	+208,538.903
42	+ .000	+157,244.716

43	+.000	+191,144.448
44	+.000	+176,922.046
45	+.000	+189,980.797
46	+.000	+161,331.689
47	+.000	+177,652.918
48	+.000	+166,512.205