

Date: 18/05/2023

Settlement Day:20/03/2022

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 354

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	+8,324,507.270	+2,174,943,044.590
Balancing Services Contract Cost	+2,884,075.443	+694,834,999.279
Balancing Services Cost Variable	+1,715,932.720	+168,365,126.681
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+131,712.260	+23,374,220.160
Black Start Testing Costs	+32,670.910	+756,225.200
Black Start Availability Costs	+81,248.960	+34,956,489.760
Black Start Other Costs	+ .000	+981,565.260
System Operator Internal Costs	+775,217.100	+274,426,853.400
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+18,016.100	+6,378,271.260
SO-TO Outage Costs	+3,657.650	+1,297,109.560
ALoMCP Recovery	+52,272.110	+18,504,326.940
ESO Incentive t-1 + Trades UR	+104,558.330	+37,013,648.820
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+274,426,853.400
Total External Costs	+13,348,651.753	+3,161,405,027.510
Total Adjusted Energy Volume (MWh)	+1,250,387.515	

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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	+22,791.862	+383,783.783	+16.83863
02	+22,944.116	+408,607.635	+17.80882
03	+22,601.578	+408,958.549	+18.09425
04	+22,027.855	+407,996.192	+18.52183
05	+21,800.063	+464,885.215	+21.32495
06	+21,523.280	+477,984.921	+22.20781
07	+21,362.983	+502,971.834	+23.54408
08	+21,172.882	+472,490.736	+22.31584
09	+21,081.799	+482,427.461	+22.88360
10	+20,970.830	+538,157.422	+25.66219
11	+21,230.225	+550,291.907	+25.92021
12	+21,541.687	+535,618.654	+24.86429
13	+21,970.537	+485,023.885	+22.07611
14	+22,770.742	+443,094.000	+19.45892
15	+23,478.914	+298,247.064	+12.70276
16	+23,920.707	+272,267.394	+11.38208
17	+24,252.391	+127,882.460	+5.27298
18	+24,703.471	+132,708.884	+5.37207
19	+25,580.950	+174,373.075	+6.81652
20	+25,769.266	+190,810.699	+7.40458
21	+25,912.307	+209,817.786	+8.09723
22	+25,690.566	+179,651.573	+6.99290
23	+25,700.682	+173,845.093	+6.76422
24	+25,834.890	+162,077.950	+6.27361
25	+26,160.364	+165,500.532	+6.32638
26	+26,171.860	+168,089.546	+6.42253
27	+26,036.442	+173,193.739	+6.65197
28	+25,875.532	+217,936.763	+8.42250
29	+25,952.865	+263,893.363	+10.16818
30	+26,161.747	+291,926.632	+11.15853
31	+26,416.478	+225,109.882	+8.52157
32	+27,386.521	+245,811.132	+8.97562
33	+28,657.175	+247,766.280	+8.64587
34	+30,209.589	+325,730.701	+10.78236
35	+31,676.742	+402,911.313	+12.71947
36	+32,561.818	+438,859.268	+13.47773
37	+33,363.762	+405,323.092	+12.14860
38	+34,220.946	+321,777.828	+9.40295
39	+33,907.318	+247,827.751	+7.30898
40	+33,007.178	+221,636.642	+6.71480
41	+32,320.290	+246,376.946	+7.62298
42	+31,181.783	+185,604.396	+5.95233

43	+30,438.498	+168,888.119	+5.54850
44	+29,230.648	+145,693.577	+4.98427
45	+27,858.640	+129,009.235	+4.63085
46	+26,348.579	+144,648.086	+5.48979
47	+24,696.434	+132,452.540	+5.36323
48	+23,911.723	+123,927.320	+5.18270

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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	+0.01823	+0.00	+0.00	+227,644.02	+52,576.695	+81,698.855
02	+0.01835	+0.00	+0.00	+251,977.86	+52,922.784	+81,698.855
03	+0.01808	+0.00	+0.00	+257,690.30	+52,144.084	+77,439.855
04	+0.01762	+0.00	+0.00	+258,606.32	+50,817.409	+77,439.855
05	+0.01743	+0.00	+0.00	+286,277.76	+50,269.435	+107,433.290
06	+0.01721	+0.00	+0.00	+300,275.82	+49,634.938	+107,433.290
07	+0.01709	+0.00	+0.00	+321,585.18	+49,288.849	+111,600.855
08	+0.01693	+0.00	+0.00	+291,757.43	+48,827.397	+111,600.855
09	+0.01686	+0.00	+0.00	+300,117.88	+48,625.512	+113,462.970
10	+0.01677	+0.00	+0.00	+356,215.35	+48,365.945	+113,462.970
11	+0.01698	+0.00	+0.00	+368,487.58	+48,971.601	+112,467.705
12	+0.01723	+0.00	+0.00	+352,793.47	+49,692.620	+112,467.705
13	+0.01757	+0.00	+0.00	+309,014.72	+50,673.206	+104,263.320
14	+0.01821	+0.00	+0.00	+264,471.44	+52,519.014	+104,263.320
15	+0.01878	+0.00	+0.00	+112,598.24	+54,162.937	+108,962.030
16	+0.01913	+0.00	+0.00	+85,189.37	+55,172.363	+108,962.030
17	+0.01940	+0.00	+0.00	+47,425.66	+55,951.064	+1,238.280
18	+0.01976	+0.00	+0.00	+50,782.05	+56,989.331	+1,238.280
19	+0.02046	+0.00	+0.00	+89,587.84	+59,008.184	+1,238.280
20	+0.02061	+0.00	+0.00	+105,412.95	+59,440.795	+1,238.280
21	+0.02072	+0.00	+0.00	+123,970.86	+59,758.043	+1,238.280
22	+0.02055	+0.00	+0.00	+94,498.83	+59,267.750	+1,238.280
23	+0.02055	+0.00	+0.00	+88,692.35	+59,267.750	+1,238.280
24	+0.02066	+0.00	+0.00	+76,476.03	+59,584.999	+1,238.280
25	+0.02092	+0.00	+0.00	+78,836.92	+60,334.858	+1,238.280
26	+0.02093	+0.00	+0.00	+81,385.10	+60,363.699	+1,238.280
27	+0.02082	+0.00	+0.00	+86,938.47	+60,046.451	+1,238.280
28	+0.02069	+0.00	+0.00	+132,212.34	+59,671.521	+1,238.280
29	+0.02076	+0.00	+0.00	+177,883.10	+59,873.406	+1,238.280
30	+0.02092	+0.00	+0.00	+205,263.02	+60,334.858	+1,238.280
31	+0.02113	+0.00	+0.00	+137,588.75	+60,940.514	+1,238.280
32	+0.02190	+0.00	+0.00	+155,145.76	+63,161.252	+1,238.280
33	+0.02292	+0.00	+0.00	+152,935.81	+66,103.009	+1,238.280
34	+0.02416	+0.00	+0.00	+225,836.78	+69,679.263	+1,238.280
35	+0.02533	+0.00	+0.00	+298,239.78	+73,053.631	+1,238.280
36	+0.02604	+0.00	+0.00	+331,288.50	+75,101.325	+1,238.280
37	+0.02668	+0.00	+0.00	+295,138.93	+76,947.133	+1,238.280
38	+0.02737	+0.00	+0.00	+208,776.10	+78,937.145	+1,238.280
39	+0.02712	+0.00	+0.00	+135,846.88	+78,216.126	+1,238.280
40	+0.02640	+0.00	+0.00	+112,595.84	+76,139.592	+1,238.280
41	+0.02585	+0.00	+0.00	+139,582.03	+74,553.350	+1,238.280
42	+0.02494	+0.00	+0.00	+82,525.40	+71,928.842	+1,238.280

43	+0.02434	+ .00	+ .00	+68,259.18	+70,198.396	+1,238.280
44	+0.02338	+ .00	+ .00	+48,984.73	+67,429.684	+1,238.280
45	+0.02228	+ .00	+ .00	+36,792.16	+64,257.201	+1,238.280
46	+0.02107	+ .00	+ .00	+57,371.96	+60,767.470	+1,238.280
47	+0.01975	+ .00	+ .00	+29,741.54	+56,960.490	+22,063.280
48	+0.01912	+ .00	+ .00	+23,788.88	+55,143.522	+22,063.280

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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	+2,401.114	+595.591	+1,481.169	+0.000	+14,132.208
02	+0.000	+2,416.920	+599.511	+1,490.918	+0.000	+14,225.234
03	+0.000	+2,381.358	+590.690	+1,468.981	+0.000	+14,015.925
04	+0.000	+2,320.770	+575.661	+1,431.607	+0.000	+13,659.325
05	+0.000	+2,295.745	+569.454	+1,416.169	+0.000	+13,512.034
06	+0.000	+2,266.768	+562.266	+1,398.295	+0.000	+13,341.486
07	+0.000	+2,250.963	+558.346	+1,388.545	+0.000	+13,248.460
08	+0.000	+2,229.889	+553.119	+1,375.545	+0.000	+13,124.426
09	+0.000	+2,220.669	+550.832	+1,369.857	+0.000	+13,070.160
10	+0.000	+2,208.815	+547.891	+1,362.545	+0.000	+13,000.391
11	+0.000	+2,236.474	+554.752	+1,379.607	+0.000	+13,163.186
12	+0.000	+2,269.402	+562.920	+1,399.920	+0.000	+13,356.991
13	+0.000	+2,314.184	+574.028	+1,427.544	+0.000	+13,620.564
14	+0.000	+2,398.480	+594.937	+1,479.544	+0.000	+14,116.703
15	+0.000	+2,473.556	+613.560	+1,525.855	+0.000	+14,558.577
16	+0.000	+2,519.656	+624.995	+1,554.293	+0.000	+14,829.903
17	+0.000	+2,555.218	+633.816	+1,576.230	+0.000	+15,039.212
18	+0.000	+2,602.634	+645.577	+1,605.479	+0.000	+15,318.290
19	+0.000	+2,694.833	+668.447	+1,662.354	+0.000	+15,860.942
20	+0.000	+2,714.590	+673.347	+1,674.541	+0.000	+15,977.224
21	+0.000	+2,729.078	+676.941	+1,683.478	+0.000	+16,062.498
22	+0.000	+2,706.687	+671.387	+1,669.666	+0.000	+15,930.711
23	+0.000	+2,706.687	+671.387	+1,669.666	+0.000	+15,930.711
24	+0.000	+2,721.175	+674.981	+1,678.604	+0.000	+16,015.985
25	+0.000	+2,755.420	+683.475	+1,699.728	+0.000	+16,217.542
26	+0.000	+2,756.738	+683.802	+1,700.541	+0.000	+16,225.294
27	+0.000	+2,742.249	+680.208	+1,691.603	+0.000	+16,140.020
28	+0.000	+2,725.127	+675.961	+1,681.041	+0.000	+16,039.242
29	+0.000	+2,734.347	+678.248	+1,686.728	+0.000	+16,093.507
30	+0.000	+2,755.420	+683.475	+1,699.728	+0.000	+16,217.542
31	+0.000	+2,783.080	+690.336	+1,716.791	+0.000	+16,380.337
32	+0.000	+2,884.498	+715.493	+1,779.352	+0.000	+16,977.254
33	+0.000	+3,018.845	+748.817	+1,862.226	+0.000	+17,767.976
34	+0.000	+3,182.168	+789.329	+1,962.975	+0.000	+18,729.245
35	+0.000	+3,336.272	+827.554	+2,058.036	+0.000	+19,636.249
36	+0.000	+3,429.787	+850.750	+2,115.723	+0.000	+20,186.653
37	+0.000	+3,514.083	+871.660	+2,167.722	+0.000	+20,682.792
38	+0.000	+3,604.965	+894.203	+2,223.784	+0.000	+21,217.692
39	+0.000	+3,572.036	+886.035	+2,203.472	+0.000	+21,023.888
40	+0.000	+3,477.204	+862.512	+2,144.973	+0.000	+20,465.731
41	+0.000	+3,404.762	+844.543	+2,100.286	+0.000	+20,039.362
42	+0.000	+3,284.904	+814.812	+2,026.349	+0.000	+19,333.914

43	+.000	+3,205.876	+795.210	+1,977.600	+.000	+18,868.784
44	+.000	+3,079.433	+763.846	+1,899.601	+.000	+18,124.576
45	+.000	+2,934.549	+727.908	+1,810.227	+.000	+17,271.837
46	+.000	+2,775.177	+688.376	+1,711.916	+.000	+16,333.824
47	+.000	+2,601.317	+645.250	+1,604.667	+.000	+15,310.538
48	+.000	+2,518.338	+624.668	+1,553.480	+.000	+14,822.151

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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	ESO Incentive t-1 + Trades UR	Wind forecast Incentive(£)
01	+.000	+328.434	+66.679	+952.921	+1,906.098	+.000
02	+.000	+330.595	+67.118	+959.193	+1,918.645	+.000
03	+.000	+325.731	+66.130	+945.080	+1,890.415	+.000
04	+.000	+317.444	+64.448	+921.035	+1,842.318	+.000
05	+.000	+314.021	+63.753	+911.103	+1,822.452	+.000
06	+.000	+310.057	+62.948	+899.603	+1,799.449	+.000
07	+.000	+307.895	+62.509	+893.330	+1,786.902	+.000
08	+.000	+305.013	+61.924	+884.967	+1,770.173	+.000
09	+.000	+303.751	+61.668	+881.308	+1,762.853	+.000
10	+.000	+302.130	+61.339	+876.603	+1,753.443	+.000
11	+.000	+305.913	+62.107	+887.580	+1,775.400	+.000
12	+.000	+310.417	+63.021	+900.648	+1,801.540	+.000
13	+.000	+316.543	+64.265	+918.421	+1,837.090	+.000
14	+.000	+328.073	+66.606	+951.875	+1,904.007	+.000
15	+.000	+338.342	+68.691	+981.670	+1,963.605	+.000
16	+.000	+344.648	+69.971	+999.965	+2,000.201	+.000
17	+.000	+349.512	+70.958	+1,014.079	+2,028.432	+.000
18	+.000	+355.998	+72.275	+1,032.897	+2,066.073	+.000
19	+.000	+368.609	+74.836	+1,069.487	+2,139.263	+.000
20	+.000	+371.312	+75.384	+1,077.328	+2,154.947	+.000
21	+.000	+373.294	+75.787	+1,083.078	+2,166.449	+.000
22	+.000	+370.231	+75.165	+1,074.192	+2,148.674	+.000
23	+.000	+370.231	+75.165	+1,074.192	+2,148.674	+.000
24	+.000	+372.213	+75.567	+1,079.942	+2,160.175	+.000
25	+.000	+376.897	+76.518	+1,093.533	+2,187.360	+.000
26	+.000	+377.077	+76.555	+1,094.055	+2,188.406	+.000
27	+.000	+375.095	+76.152	+1,088.305	+2,176.904	+.000
28	+.000	+372.753	+75.677	+1,081.510	+2,163.312	+.000
29	+.000	+374.014	+75.933	+1,085.169	+2,170.631	+.000
30	+.000	+376.897	+76.518	+1,093.533	+2,187.360	+.000
31	+.000	+380.680	+77.286	+1,104.510	+2,209.318	+.000
32	+.000	+394.553	+80.103	+1,144.759	+2,289.827	+.000
33	+.000	+412.929	+83.833	+1,198.077	+2,396.477	+.000
34	+.000	+435.269	+88.369	+1,262.894	+2,526.129	+.000
35	+.000	+456.348	+92.648	+1,324.053	+2,648.462	+.000
36	+.000	+469.139	+95.245	+1,361.166	+2,722.699	+.000
37	+.000	+480.670	+97.586	+1,394.620	+2,789.616	+.000
38	+.000	+493.101	+100.110	+1,430.688	+2,861.761	+.000
39	+.000	+488.597	+99.195	+1,417.620	+2,835.622	+.000
40	+.000	+475.625	+96.562	+1,379.984	+2,760.340	+.000
41	+.000	+465.716	+94.550	+1,351.234	+2,702.833	+.000
42	+.000	+449.322	+91.222	+1,303.666	+2,607.685	+.000

43	+.000	+438.512	+89.027	+1,272.303	+2,544.950	+.000
44	+.000	+421.216	+85.516	+1,222.122	+2,444.574	+.000
45	+.000	+401.399	+81.492	+1,164.623	+2,329.560	+.000
46	+.000	+379.599	+77.067	+1,101.373	+2,203.044	+.000
47	+.000	+355.818	+72.239	+1,032.374	+2,065.027	+.000
48	+.000	+344.468	+69.934	+999.443	+1,999.155	+.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	+383,783.783
02	+ .000	+408,607.635
03	+ .000	+408,958.549
04	+ .000	+407,996.192
05	+ .000	+464,885.215
06	+ .000	+477,984.921
07	+ .000	+502,971.834
08	+ .000	+472,490.736
09	+ .000	+482,427.461
10	+ .000	+538,157.422
11	+ .000	+550,291.907
12	+ .000	+535,618.654
13	+ .000	+485,023.885
14	+ .000	+443,094.000
15	+ .000	+298,247.064
16	+ .000	+272,267.394
17	+ .000	+127,882.460
18	+ .000	+132,708.884
19	+ .000	+174,373.075
20	+ .000	+190,810.699
21	+ .000	+209,817.786
22	+ .000	+179,651.573
23	+ .000	+173,845.093
24	+ .000	+162,077.950
25	+ .000	+165,500.532
26	+ .000	+168,089.546
27	+ .000	+173,193.739
28	+ .000	+217,936.763
29	+ .000	+263,893.363
30	+ .000	+291,926.632
31	+ .000	+225,109.882
32	+ .000	+245,811.132
33	+ .000	+247,766.280
34	+ .000	+325,730.701
35	+ .000	+402,911.313
36	+ .000	+438,859.268
37	+ .000	+405,323.092
38	+ .000	+321,777.828
39	+ .000	+247,827.751
40	+ .000	+221,636.642
41	+ .000	+246,376.946
42	+ .000	+185,604.396

43	+.000	+168,888.119
44	+.000	+145,693.577
45	+.000	+129,009.235
46	+.000	+144,648.086
47	+.000	+132,452.540
48	+.000	+123,927.320