

Date: 30/12/2021

Settlement Day:03/12/2021

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 247

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+ .000	+1,098,145,553.640
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+26,452,169.640	+1,356,141,154.120
Balancing Services Contract Cost	+2,001,330.184	+456,794,942.979
Balancing Services Cost Variable	+59,437.440	+47,528,381.456
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+44,623.923	+8,872,312.345
Black Start Testing Costs	+ .000	+41,070.000
Black Start Availability Costs	+91,675.840	+25,404,206.069
Black Start Other Costs	+ .000	+771,230.468
System Operator Internal Costs	+775,217.100	+191,478,623.700
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+3,676.710	+908,147.370
ALoMCP Recovery	+54,794.520	+13,534,246.440
ESO Incentive t-1 + Trades UR	+215,331.210	+12,754,707.398
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+191,478,623.700
Total External Costs	+28,923,039.467	+1,922,750,398.645
Total Adjusted Energy Volume (MWh)	+1,698,085.804	

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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	+28,704.778	+265,046.976	+9.23355
02	+29,001.056	+259,046.073	+8.93230
03	+28,766.383	+220,509.502	+7.66553
04	+28,326.725	+132,267.913	+4.66937
05	+27,893.411	+109,059.611	+3.90987
06	+27,773.624	+110,876.256	+3.99214
07	+27,569.454	+100,454.418	+3.64369
08	+27,109.263	+66,615.506	+2.45730
09	+27,372.643	+59,092.330	+2.15881
10	+27,513.099	+48,054.412	+1.74660
11	+28,461.305	+116,503.845	+4.09341
12	+29,679.192	+198,337.783	+6.68272
13	+32,256.182	+195,233.780	+6.05260
14	+34,654.761	+186,067.256	+5.36917
15	+37,683.589	+201,172.362	+5.33846
16	+39,326.655	+294,516.422	+7.48898
17	+40,028.694	+232,200.898	+5.80086
18	+40,859.879	+241,294.417	+5.90541
19	+41,600.518	+205,720.232	+4.94514
20	+41,770.572	+132,266.497	+3.16650
21	+41,715.604	+88,287.238	+2.11641
22	+41,782.182	+111,287.024	+2.66350
23	+41,819.515	+171,877.497	+4.10998
24	+41,667.064	+205,247.258	+4.92589
25	+41,772.884	+239,943.097	+5.74399
26	+41,393.196	+333,923.515	+8.06711
27	+40,249.403	+1,089,891.013	+27.07844
28	+39,608.909	+1,895,096.743	+47.84521
29	+38,619.538	+2,118,392.659	+54.85287
30	+38,167.067	+2,959,215.340	+77.53321
31	+37,858.208	+3,802,260.417	+100.43424
32	+38,731.967	+3,578,750.155	+92.39784
33	+40,014.277	+3,159,580.062	+78.96132
34	+40,855.154	+2,627,888.587	+64.32208
35	+40,844.534	+1,855,677.480	+45.43270
36	+40,477.473	+781,714.764	+19.31234
37	+40,225.733	+14,077.096	+0.34995
38	+39,384.525	+24,805.962	+0.62984
39	+38,108.012	+53,438.494	+1.40229
40	+36,995.358	+57,227.172	+1.54687
41	+36,414.630	+106,770.625	+2.93208
42	+35,057.852	+16,554.642	+0.47221

43	+34,307.239	+192,112.690	+5.59977
44	+32,731.935	+175,921.602	+5.37462
45	+31,072.612	+230,992.386	+7.43395
46	+29,540.924	+188,939.331	+6.39585
47	+26,770.474	+119,050.222	+4.44707
48	+25,547.752	+125,092.605	+4.89642

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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	+0.01690	+0.00	+0.00	+209,954.32	+33,822.480	+1,238.280
02	+0.01708	+0.00	+0.00	+203,379.82	+34,182.720	+1,238.280
03	+0.01694	+0.00	+0.00	+165,289.38	+33,902.533	+1,238.280
04	+0.01668	+0.00	+0.00	+77,876.32	+33,382.187	+1,238.280
05	+0.01643	+0.00	+0.00	+55,464.68	+32,881.855	+1,238.280
06	+0.01636	+0.00	+0.00	+57,504.39	+32,741.762	+1,238.280
07	+0.01624	+0.00	+0.00	+47,464.95	+32,501.602	+1,238.280
08	+0.01596	+0.00	+0.00	+14,518.30	+31,941.230	+1,238.280
09	+0.01612	+0.00	+0.00	+6,485.26	+32,261.443	+1,238.280
10	+0.01620	+0.00	+0.00	-4,807.59	+32,421.549	+1,238.280
11	+0.01676	+0.00	+0.00	+61,857.32	+33,542.294	+1,238.280
12	+0.01748	+0.00	+0.00	+141,396.87	+34,983.252	+1,238.280
13	+0.01900	+0.00	+0.00	+133,449.16	+38,025.273	+1,238.280
14	+0.02041	+0.00	+0.00	+119,789.46	+40,847.149	+1,238.280
15	+0.02219	+0.00	+0.00	+129,222.33	+44,409.517	+1,238.280
16	+0.02316	+0.00	+0.00	+219,475.34	+46,350.807	+1,238.280
17	+0.02357	+0.00	+0.00	+155,853.29	+47,171.352	+1,238.280
18	+0.02406	+0.00	+0.00	+163,385.35	+48,152.004	+1,238.280
19	+0.02450	+0.00	+0.00	+126,409.04	+49,032.590	+1,238.280
20	+0.02460	+0.00	+0.00	+52,636.64	+49,232.723	+1,238.280
21	+0.02457	+0.00	+0.00	+8,752.98	+49,172.683	+1,238.280
22	+0.02461	+0.00	+0.00	+31,625.30	+49,252.736	+1,238.280
23	+0.02463	+0.00	+0.00	+92,152.04	+49,292.762	+1,238.280
24	+0.02454	+0.00	+0.00	+125,808.60	+49,112.643	+1,238.280
25	+0.02460	+0.00	+0.00	+160,313.24	+49,232.723	+1,238.280
26	+0.02438	+0.00	+0.00	+254,994.72	+48,792.430	+1,238.280
27	+0.02370	+0.00	+0.00	+1,013,129.14	+47,431.525	+1,238.280
28	+0.02333	+0.00	+0.00	+1,819,513.93	+46,691.033	+1,238.280
29	+0.02274	+0.00	+0.00	+2,044,689.97	+45,510.248	+1,238.280
30	+0.02248	+0.00	+0.00	+2,886,341.18	+44,989.903	+1,238.280
31	+0.02229	+0.00	+0.00	+3,729,991.72	+44,609.650	+1,238.280
32	+0.02281	+0.00	+0.00	+3,504,824.40	+45,650.341	+1,238.280
33	+0.02356	+0.00	+0.00	+3,083,264.32	+47,151.339	+1,238.280
34	+0.02406	+0.00	+0.00	+2,549,979.52	+48,152.004	+1,238.280
35	+0.02405	+0.00	+0.00	+1,777,800.28	+48,131.991	+1,238.280
36	+0.02384	+0.00	+0.00	+704,506.76	+47,711.712	+1,238.280
37	+0.02369	+0.00	+0.00	-62,652.91	+47,411.512	+1,238.280
38	+0.02319	+0.00	+0.00	-50,330.72	+46,410.847	+1,238.280
39	+0.02244	+0.00	+0.00	-19,308.20	+44,909.849	+1,238.280
40	+0.02179	+0.00	+0.00	-13,448.20	+43,608.985	+1,238.280
41	+0.02144	+0.00	+0.00	+37,210.58	+42,908.519	+1,238.280
42	+0.02065	+0.00	+0.00	-50,487.95	+41,327.468	+1,238.280

43	+0.02020	+.00	+.00	+126,504.09	+40,426.870	+1,238.280
44	+0.01928	+.00	+.00	+113,244.72	+38,585.646	+1,238.280
45	+0.01830	+.00	+.00	+171,438.42	+36,624.342	+1,238.280
46	+0.01740	+.00	+.00	+132,253.35	+34,823.145	+1,238.280
47	+0.01577	+.00	+.00	+67,558.48	+31,560.977	+1,238.280
48	+0.01505	+.00	+.00	+75,895.25	+30,120.019	+1,238.280

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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	+754.144	+0.000	+1,549.322	+0.000	+13,101.169
02	+0.000	+762.177	+0.000	+1,565.823	+0.000	+13,240.708
03	+0.000	+755.929	+0.000	+1,552.989	+0.000	+13,132.178
04	+0.000	+744.327	+0.000	+1,529.153	+0.000	+12,930.621
05	+0.000	+733.171	+0.000	+1,506.234	+0.000	+12,736.817
06	+0.000	+730.047	+0.000	+1,499.817	+0.000	+12,682.552
07	+0.000	+724.693	+0.000	+1,488.816	+0.000	+12,589.526
08	+0.000	+712.198	+0.000	+1,463.146	+0.000	+12,372.465
09	+0.000	+719.338	+0.000	+1,477.815	+0.000	+12,496.500
10	+0.000	+722.908	+0.000	+1,485.149	+0.000	+12,558.517
11	+0.000	+747.897	+0.000	+1,536.487	+0.000	+12,992.639
12	+0.000	+780.026	+0.000	+1,602.494	+0.000	+13,550.795
13	+0.000	+847.855	+0.000	+1,741.841	+0.000	+14,729.125
14	+0.000	+910.774	+0.000	+1,871.104	+0.000	+15,822.181
15	+0.000	+990.205	+0.000	+2,034.287	+0.000	+17,202.067
16	+0.000	+1,033.490	+0.000	+2,123.212	+0.000	+17,954.028
17	+0.000	+1,051.786	+0.000	+2,160.800	+0.000	+18,271.867
18	+0.000	+1,073.652	+0.000	+2,205.721	+0.000	+18,651.723
19	+0.000	+1,093.286	+0.000	+2,246.058	+0.000	+18,992.819
20	+0.000	+1,097.749	+0.000	+2,255.226	+0.000	+19,070.341
21	+0.000	+1,096.410	+0.000	+2,252.475	+0.000	+19,047.084
22	+0.000	+1,098.195	+0.000	+2,256.142	+0.000	+19,078.093
23	+0.000	+1,099.087	+0.000	+2,257.976	+0.000	+19,093.597
24	+0.000	+1,095.071	+0.000	+2,249.725	+0.000	+19,023.828
25	+0.000	+1,097.749	+0.000	+2,255.226	+0.000	+19,070.341
26	+0.000	+1,087.931	+0.000	+2,235.057	+0.000	+18,899.793
27	+0.000	+1,057.587	+0.000	+2,172.717	+0.000	+18,372.645
28	+0.000	+1,041.076	+0.000	+2,138.797	+0.000	+18,085.815
29	+0.000	+1,014.748	+0.000	+2,084.709	+0.000	+17,628.437
30	+0.000	+1,003.146	+0.000	+2,060.873	+0.000	+17,426.880
31	+0.000	+994.667	+0.000	+2,043.454	+0.000	+17,279.589
32	+0.000	+1,017.872	+0.000	+2,091.126	+0.000	+17,682.702
33	+0.000	+1,051.340	+0.000	+2,159.883	+0.000	+18,264.115
34	+0.000	+1,073.652	+0.000	+2,205.721	+0.000	+18,651.723
35	+0.000	+1,073.205	+0.000	+2,204.804	+0.000	+18,643.971
36	+0.000	+1,063.834	+0.000	+2,185.552	+0.000	+18,481.176
37	+0.000	+1,057.141	+0.000	+2,171.801	+0.000	+18,364.893
38	+0.000	+1,034.829	+0.000	+2,125.963	+0.000	+17,977.285
39	+0.000	+1,001.361	+0.000	+2,057.206	+0.000	+17,395.872
40	+0.000	+972.355	+0.000	+1,997.617	+0.000	+16,891.981
41	+0.000	+956.737	+0.000	+1,965.530	+0.000	+16,620.655
42	+0.000	+921.484	+0.000	+1,893.106	+0.000	+16,008.233

43	+.000	+901.403	+.000	+1,851.852	+.000	+15,659.385
44	+.000	+860.349	+.000	+1,767.510	+.000	+14,946.186
45	+.000	+816.618	+.000	+1,677.668	+.000	+14,186.473
46	+.000	+776.456	+.000	+1,595.160	+.000	+13,488.778
47	+.000	+703.719	+.000	+1,445.728	+.000	+12,225.174
48	+.000	+671.590	+.000	+1,379.721	+.000	+11,667.017

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	ALoMCP Recovery	ESO Incentive t-1 + Trades UR	Wind forecast Incentive(£)
01	+.000	+.000	+62.136	+926.027	+3,639.097	+.000
02	+.000	+.000	+62.798	+935.890	+3,677.857	+.000
03	+.000	+.000	+62.283	+928.219	+3,647.711	+.000
04	+.000	+.000	+61.328	+913.973	+3,591.725	+.000
05	+.000	+.000	+60.408	+900.274	+3,537.892	+.000
06	+.000	+.000	+60.151	+896.438	+3,522.819	+.000
07	+.000	+.000	+59.710	+889.863	+3,496.979	+.000
08	+.000	+.000	+58.680	+874.521	+3,436.686	+.000
09	+.000	+.000	+59.269	+883.288	+3,471.139	+.000
10	+.000	+.000	+59.563	+887.671	+3,488.366	+.000
11	+.000	+.000	+61.622	+918.356	+3,608.951	+.000
12	+.000	+.000	+64.269	+957.808	+3,763.990	+.000
13	+.000	+.000	+69.857	+1,041.096	+4,091.293	+.000
14	+.000	+.000	+75.042	+1,118.356	+4,394.910	+.000
15	+.000	+.000	+81.586	+1,215.890	+4,778.200	+.000
16	+.000	+.000	+85.153	+1,269.041	+4,987.071	+.000
17	+.000	+.000	+86.660	+1,291.507	+5,075.357	+.000
18	+.000	+.000	+88.462	+1,318.356	+5,180.869	+.000
19	+.000	+.000	+90.079	+1,342.466	+5,275.615	+.000
20	+.000	+.000	+90.447	+1,347.945	+5,297.148	+.000
21	+.000	+.000	+90.337	+1,346.301	+5,290.688	+.000
22	+.000	+.000	+90.484	+1,348.493	+5,299.301	+.000
23	+.000	+.000	+90.557	+1,349.589	+5,303.608	+.000
24	+.000	+.000	+90.226	+1,344.658	+5,284.228	+.000
25	+.000	+.000	+90.447	+1,347.945	+5,297.148	+.000
26	+.000	+.000	+89.638	+1,335.890	+5,249.775	+.000
27	+.000	+.000	+87.138	+1,298.630	+5,103.350	+.000
28	+.000	+.000	+85.778	+1,278.356	+5,023.677	+.000
29	+.000	+.000	+83.608	+1,246.027	+4,896.632	+.000
30	+.000	+.000	+82.652	+1,231.781	+4,840.646	+.000
31	+.000	+.000	+81.954	+1,221.370	+4,799.733	+.000
32	+.000	+.000	+83.866	+1,249.863	+4,911.705	+.000
33	+.000	+.000	+86.623	+1,290.959	+5,073.203	+.000
34	+.000	+.000	+88.462	+1,318.356	+5,180.869	+.000
35	+.000	+.000	+88.425	+1,317.808	+5,178.716	+.000
36	+.000	+.000	+87.653	+1,306.301	+5,133.496	+.000
37	+.000	+.000	+87.101	+1,298.082	+5,101.196	+.000
38	+.000	+.000	+85.263	+1,270.685	+4,993.531	+.000
39	+.000	+.000	+82.505	+1,229.589	+4,832.032	+.000
40	+.000	+.000	+80.116	+1,193.973	+4,692.067	+.000
41	+.000	+.000	+78.829	+1,174.795	+4,616.701	+.000
42	+.000	+.000	+75.924	+1,131.507	+4,446.589	+.000



43	+.000	+.000	+74.270	+1,106.849	+4,349.690	+.000
44	+.000	+.000	+70.887	+1,056.438	+4,151.586	+.000
45	+.000	+.000	+67.284	+1,002.740	+3,940.561	+.000
46	+.000	+.000	+63.975	+953.425	+3,746.763	+.000
47	+.000	+.000	+57.982	+864.110	+3,395.773	+.000
48	+.000	+.000	+55.334	+824.658	+3,240.735	+.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	+265,046.976
02	+ .000	+259,046.073
03	+ .000	+220,509.502
04	+ .000	+132,267.913
05	+ .000	+109,059.611
06	+ .000	+110,876.256
07	+ .000	+100,454.418
08	+ .000	+66,615.506
09	+ .000	+59,092.330
10	+ .000	+48,054.412
11	+ .000	+116,503.845
12	+ .000	+198,337.783
13	+ .000	+195,233.780
14	+ .000	+186,067.256
15	+ .000	+201,172.362
16	+ .000	+294,516.422
17	+ .000	+232,200.898
18	+ .000	+241,294.417
19	+ .000	+205,720.232
20	+ .000	+132,266.497
21	+ .000	+88,287.238
22	+ .000	+111,287.024
23	+ .000	+171,877.497
24	+ .000	+205,247.258
25	+ .000	+239,943.097
26	+ .000	+333,923.515
27	+ .000	+1,089,891.013
28	+ .000	+1,895,096.743
29	+ .000	+2,118,392.659
30	+ .000	+2,959,215.340
31	+ .000	+3,802,260.417
32	+ .000	+3,578,750.155
33	+ .000	+3,159,580.062
34	+ .000	+2,627,888.587
35	+ .000	+1,855,677.480
36	+ .000	+781,714.764
37	+ .000	+14,077.096
38	+ .000	+24,805.962
39	+ .000	+53,438.494
40	+ .000	+57,227.172
41	+ .000	+106,770.625
42	+ .000	+16,554.642

43	+.000	+192,112.690
44	+.000	+175,921.602
45	+.000	+230,992.386
46	+.000	+188,939.331
47	+.000	+119,050.222
48	+.000	+125,092.605