

Date: 14/12/2021

Settlement Day:20/11/2021

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: 234

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	+11,272,392.650	+1,136,983,942.440
Balancing Services Contract Cost	+2,221,172.559	+426,837,730.609
Balancing Services Cost Variable	+616,112.790	+26,458,915.126
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+52,873.595	+8,209,704.626
Black Start Testing Costs	+ .000	+41,070.000
Black Start Availability Costs	+97,788.787	+24,151,290.679
Black Start Other Costs	+19,280.241	+578,428.058
System Operator Internal Costs	+775,217.100	+181,400,801.400
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+3,676.710	+860,350.140
ALoMCP Recovery	+54,794.520	+12,821,917.680
ESO Incentive t-1 + Trades UR	+215,331.210	+9,955,401.668
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+181,400,801.400
Total External Costs	+14,553,423.062	+1,646,898,751.026
Total Adjusted Energy Volume (MWh)	+1,376,254.204	

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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	+23,571.745	+310,786.988	+13.18473
02	+23,551.087	+296,361.935	+12.58379
03	+23,103.742	+294,171.362	+12.73263
04	+22,770.996	+308,792.370	+13.56078
05	+22,468.677	+337,500.440	+15.02093
06	+22,152.866	+305,961.939	+13.81139
07	+21,615.954	+251,231.676	+11.62251
08	+21,335.441	+202,622.208	+9.49698
09	+21,252.898	+227,575.040	+10.70795
10	+21,387.911	+242,987.044	+11.36095
11	+21,883.374	+270,291.472	+12.35145
12	+22,112.624	+290,220.115	+13.12463
13	+22,942.904	+276,349.681	+12.04510
14	+23,937.064	+301,816.628	+12.60876
15	+25,566.216	+316,790.323	+12.39097
16	+26,845.290	+280,416.218	+10.44564
17	+28,345.380	+259,905.395	+9.16923
18	+29,598.881	+256,251.558	+8.65747
19	+30,556.488	+269,029.171	+8.80432
20	+31,253.221	+282,967.800	+9.05404
21	+31,927.056	+333,334.676	+10.44051
22	+32,117.067	+353,191.984	+10.99702
23	+32,168.434	+353,456.508	+10.98768
24	+32,287.314	+362,735.641	+11.23462
25	+32,166.457	+358,184.478	+11.13534
26	+32,120.058	+360,118.394	+11.21164
27	+32,119.286	+308,788.624	+9.61381
28	+31,914.678	+304,615.014	+9.54467
29	+32,195.307	+379,817.221	+11.79729
30	+32,165.826	+377,177.778	+11.72604
31	+32,444.898	+362,843.235	+11.18337
32	+32,882.548	+354,664.789	+10.78581
33	+34,007.819	+417,331.649	+12.27164
34	+35,299.167	+396,279.446	+11.22631
35	+36,155.144	+322,940.239	+8.93207
36	+36,143.123	+329,782.188	+9.12434
37	+35,726.502	+401,339.117	+11.23365
38	+35,086.274	+331,353.124	+9.44395
39	+33,964.055	+262,520.755	+7.72937
40	+33,001.165	+235,597.861	+7.13908
41	+32,078.243	+289,920.530	+9.03792
42	+31,065.720	+343,526.511	+11.05806

43	+29,974.125	+357,896.274	+11.94017
44	+28,841.125	+297,728.604	+10.32306
45	+27,347.253	+314,745.082	+11.50920
46	+26,197.505	+318,334.250	+12.15132
47	+24,833.788	+451,553.205	+18.18302
48	+23,771.508	+466,868.022	+19.63982

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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	+0.01713	+0.00	+0.00	+250,619.20	+38,048.686	+1,238.280
02	+0.01711	+0.00	+0.00	+236,262.95	+38,004.262	+1,238.280
03	+0.01679	+0.00	+0.00	+235,173.22	+37,293.487	+1,238.280
04	+0.01655	+0.00	+0.00	+250,619.86	+36,760.406	+1,238.280
05	+0.01633	+0.00	+0.00	+280,084.76	+36,271.748	+1,238.280
06	+0.01610	+0.00	+0.00	+249,337.49	+35,760.878	+1,238.280
07	+0.01571	+0.00	+0.00	+195,948.88	+34,894.621	+1,238.280
08	+0.01550	+0.00	+0.00	+148,061.84	+34,428.175	+1,238.280
09	+0.01544	+0.00	+0.00	+159,463.38	+34,294.904	+14,995.980
10	+0.01554	+0.00	+0.00	+174,531.37	+34,517.022	+14,995.980
11	+0.01590	+0.00	+0.00	+197,404.45	+35,316.644	+18,188.880
12	+0.01607	+0.00	+0.00	+216,748.27	+35,694.243	+18,188.880
13	+0.01667	+0.00	+0.00	+206,268.38	+37,026.947	+12,734.255
14	+0.01739	+0.00	+0.00	+229,258.43	+38,626.191	+12,734.255
15	+0.01858	+0.00	+0.00	+251,634.34	+41,269.386	+1,238.280
16	+0.01951	+0.00	+0.00	+212,060.91	+43,335.077	+1,238.280
17	+0.02060	+0.00	+0.00	+187,800.34	+45,756.155	+1,238.280
18	+0.02151	+0.00	+0.00	+181,015.98	+47,777.422	+1,238.280
19	+0.02220	+0.00	+0.00	+191,419.90	+49,310.031	+1,238.280
20	+0.02271	+0.00	+0.00	+203,604.06	+50,442.829	+1,238.280
21	+0.02320	+0.00	+0.00	+252,285.27	+51,531.203	+1,238.280
22	+0.02334	+0.00	+0.00	+271,660.96	+51,842.168	+1,238.280
23	+0.02337	+0.00	+0.00	+271,822.28	+51,908.803	+1,238.280
24	+0.02346	+0.00	+0.00	+280,791.80	+52,108.708	+1,238.280
25	+0.02337	+0.00	+0.00	+276,550.25	+51,908.803	+1,238.280
26	+0.02334	+0.00	+0.00	+278,587.37	+51,842.168	+1,238.280
27	+0.02334	+0.00	+0.00	+227,257.60	+51,842.168	+1,238.280
28	+0.02319	+0.00	+0.00	+223,600.01	+51,508.992	+1,238.280
29	+0.02339	+0.00	+0.00	+298,114.19	+51,953.226	+1,238.280
30	+0.02337	+0.00	+0.00	+295,543.55	+51,908.803	+1,238.280
31	+0.02357	+0.00	+0.00	+280,520.98	+52,353.037	+1,238.280
32	+0.02389	+0.00	+0.00	+271,241.69	+53,063.812	+1,238.280
33	+0.02471	+0.00	+0.00	+270,724.00	+54,885.174	+61,601.920
34	+0.02565	+0.00	+0.00	+246,438.07	+56,973.076	+61,601.920
35	+0.02627	+0.00	+0.00	+231,329.62	+58,350.203	+1,238.280
36	+0.02626	+0.00	+0.00	+238,205.97	+58,327.991	+1,238.280
37	+0.02596	+0.00	+0.00	+283,650.19	+57,661.640	+28,383.030
38	+0.02549	+0.00	+0.00	+215,281.06	+56,617.689	+28,383.030
39	+0.02468	+0.00	+0.00	+176,379.95	+54,818.539	+1,238.280
40	+0.02398	+0.00	+0.00	+151,865.15	+53,263.718	+1,238.280
41	+0.02331	+0.00	+0.00	+208,492.71	+51,775.532	+1,238.280
42	+0.02257	+0.00	+0.00	+264,644.39	+50,131.865	+1,238.280

43	+0.02178	+ .00	+ .00	+258,731.86	+48,377.138	+24,238.280
44	+0.02096	+ .00	+ .00	+201,385.10	+46,555.777	+24,238.280
45	+0.01987	+ .00	+ .00	+202,545.45	+44,134.699	+43,844.155
46	+0.01904	+ .00	+ .00	+208,989.93	+42,291.126	+43,844.155
47	+0.01804	+ .00	+ .00	+305,235.76	+40,069.953	+84,257.415
48	+0.01727	+ .00	+ .00	+323,199.48	+38,359.650	+84,257.415

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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	+905.725	+0.000	+1,675.122	+330.271	+13,279.469
02	+0.000	+904.667	+0.000	+1,673.166	+329.885	+13,263.965
03	+0.000	+887.748	+0.000	+1,641.874	+323.715	+13,015.895
04	+0.000	+875.058	+0.000	+1,618.404	+319.088	+12,829.843
05	+0.000	+863.426	+0.000	+1,596.891	+314.846	+12,659.295
06	+0.000	+851.265	+0.000	+1,574.399	+310.412	+12,480.995
07	+0.000	+830.644	+0.000	+1,536.262	+302.893	+12,178.661
08	+0.000	+819.541	+0.000	+1,515.726	+298.844	+12,015.865
09	+0.000	+816.368	+0.000	+1,509.859	+297.687	+11,969.352
10	+0.000	+821.656	+0.000	+1,519.638	+299.615	+12,046.874
11	+0.000	+840.690	+0.000	+1,554.842	+306.556	+12,325.952
12	+0.000	+849.679	+0.000	+1,571.466	+309.833	+12,457.739
13	+0.000	+881.403	+0.000	+1,630.139	+321.402	+12,922.869
14	+0.000	+919.472	+0.000	+1,700.547	+335.283	+13,481.025
15	+0.000	+982.391	+0.000	+1,816.916	+358.227	+14,403.534
16	+0.000	+1,031.564	+0.000	+1,907.859	+376.158	+15,124.486
17	+0.000	+1,089.196	+0.000	+2,014.449	+397.173	+15,969.472
18	+0.000	+1,137.311	+0.000	+2,103.437	+414.718	+16,674.920
19	+0.000	+1,173.794	+0.000	+2,170.911	+428.021	+17,209.820
20	+0.000	+1,200.759	+0.000	+2,220.783	+437.854	+17,605.180
21	+0.000	+1,226.667	+0.000	+2,268.700	+447.302	+17,985.037
22	+0.000	+1,234.070	+0.000	+2,282.390	+450.001	+18,093.567
23	+0.000	+1,235.656	+0.000	+2,285.324	+450.579	+18,116.824
24	+0.000	+1,240.415	+0.000	+2,294.125	+452.314	+18,186.593
25	+0.000	+1,235.656	+0.000	+2,285.324	+450.579	+18,116.824
26	+0.000	+1,234.070	+0.000	+2,282.390	+450.001	+18,093.567
27	+0.000	+1,234.070	+0.000	+2,282.390	+450.001	+18,093.567
28	+0.000	+1,226.139	+0.000	+2,267.722	+447.109	+17,977.285
29	+0.000	+1,236.713	+0.000	+2,287.280	+450.965	+18,132.328
30	+0.000	+1,235.656	+0.000	+2,285.324	+450.579	+18,116.824
31	+0.000	+1,246.231	+0.000	+2,304.882	+454.435	+18,271.867
32	+0.000	+1,263.150	+0.000	+2,336.174	+460.605	+18,519.937
33	+0.000	+1,306.507	+0.000	+2,416.361	+476.415	+19,155.615
34	+0.000	+1,356.208	+0.000	+2,508.282	+494.538	+19,884.319
35	+0.000	+1,388.989	+0.000	+2,568.911	+506.492	+20,364.953
36	+0.000	+1,388.461	+0.000	+2,567.934	+506.299	+20,357.201
37	+0.000	+1,372.599	+0.000	+2,538.597	+500.515	+20,124.636
38	+0.000	+1,347.748	+0.000	+2,492.636	+491.453	+19,760.284
39	+0.000	+1,304.920	+0.000	+2,413.427	+475.836	+19,132.358
40	+0.000	+1,267.909	+0.000	+2,344.975	+462.340	+18,589.706
41	+0.000	+1,232.483	+0.000	+2,279.457	+449.422	+18,070.311
42	+0.000	+1,193.357	+0.000	+2,207.093	+435.155	+17,496.650

43	+.000	+1,151.587	+.000	+2,129.840	+419.924	+16,884.228
44	+.000	+1,108.231	+.000	+2,049.653	+404.114	+16,248.550
45	+.000	+1,050.598	+.000	+1,943.063	+383.098	+15,403.564
46	+.000	+1,006.713	+.000	+1,861.899	+367.096	+14,760.134
47	+.000	+953.840	+.000	+1,764.110	+347.816	+13,984.916
48	+.000	+913.127	+.000	+1,688.812	+332.970	+13,387.999

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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	+62.982	+938.630	+3,688.624	+.000
02	+.000	+.000	+62.909	+937.534	+3,684.317	+.000
03	+.000	+.000	+61.732	+920.000	+3,615.411	+.000
04	+.000	+.000	+60.850	+906.849	+3,563.732	+.000
05	+.000	+.000	+60.041	+894.795	+3,516.359	+.000
06	+.000	+.000	+59.195	+882.192	+3,466.832	+.000
07	+.000	+.000	+57.761	+860.822	+3,382.853	+.000
08	+.000	+.000	+56.989	+849.315	+3,337.634	+.000
09	+.000	+.000	+56.768	+846.027	+3,324.714	+.000
10	+.000	+.000	+57.136	+851.507	+3,346.247	+.000
11	+.000	+.000	+58.460	+871.233	+3,423.766	+.000
12	+.000	+.000	+59.085	+880.548	+3,460.373	+.000
13	+.000	+.000	+61.291	+913.425	+3,589.571	+.000
14	+.000	+.000	+63.938	+952.877	+3,744.610	+.000
15	+.000	+.000	+68.313	+1,018.082	+4,000.854	+.000
16	+.000	+.000	+71.733	+1,069.041	+4,201.112	+.000
17	+.000	+.000	+75.740	+1,128.767	+4,435.823	+.000
18	+.000	+.000	+79.086	+1,178.630	+4,631.774	+.000
19	+.000	+.000	+81.623	+1,216.438	+4,780.353	+.000
20	+.000	+.000	+83.498	+1,244.384	+4,890.172	+.000
21	+.000	+.000	+85.300	+1,271.233	+4,995.684	+.000
22	+.000	+.000	+85.814	+1,278.904	+5,025.830	+.000
23	+.000	+.000	+85.925	+1,280.548	+5,032.290	+.000
24	+.000	+.000	+86.256	+1,285.479	+5,051.670	+.000
25	+.000	+.000	+85.925	+1,280.548	+5,032.290	+.000
26	+.000	+.000	+85.814	+1,278.904	+5,025.830	+.000
27	+.000	+.000	+85.814	+1,278.904	+5,025.830	+.000
28	+.000	+.000	+85.263	+1,270.685	+4,993.531	+.000
29	+.000	+.000	+85.998	+1,281.644	+5,036.597	+.000
30	+.000	+.000	+85.925	+1,280.548	+5,032.290	+.000
31	+.000	+.000	+86.660	+1,291.507	+5,075.357	+.000
32	+.000	+.000	+87.837	+1,309.041	+5,144.263	+.000
33	+.000	+.000	+90.852	+1,353.973	+5,320.834	+.000
34	+.000	+.000	+94.308	+1,405.479	+5,523.246	+.000
35	+.000	+.000	+96.587	+1,439.452	+5,656.751	+.000
36	+.000	+.000	+96.550	+1,438.904	+5,654.598	+.000
37	+.000	+.000	+95.447	+1,422.466	+5,589.998	+.000
38	+.000	+.000	+93.719	+1,396.712	+5,488.793	+.000
39	+.000	+.000	+90.741	+1,352.329	+5,314.374	+.000
40	+.000	+.000	+88.168	+1,313.973	+5,163.642	+.000
41	+.000	+.000	+85.704	+1,277.260	+5,019.371	+.000
42	+.000	+.000	+82.983	+1,236.712	+4,860.025	+.000

43	+.000	+.000	+80.079	+1,193.425	+4,689.914	+.000
44	+.000	+.000	+77.064	+1,148.493	+4,513.342	+.000
45	+.000	+.000	+73.056	+1,088.767	+4,278.631	+.000
46	+.000	+.000	+70.005	+1,043.288	+4,099.906	+.000
47	+.000	+.000	+66.328	+988.493	+3,884.575	+.000
48	+.000	+.000	+63.497	+946.301	+3,718.770	+.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	+310,786.988
02	+ .000	+296,361.935
03	+ .000	+294,171.362
04	+ .000	+308,792.370
05	+ .000	+337,500.440
06	+ .000	+305,961.939
07	+ .000	+251,231.676
08	+ .000	+202,622.208
09	+ .000	+227,575.040
10	+ .000	+242,987.044
11	+ .000	+270,291.472
12	+ .000	+290,220.115
13	+ .000	+276,349.681
14	+ .000	+301,816.628
15	+ .000	+316,790.323
16	+ .000	+280,416.218
17	+ .000	+259,905.395
18	+ .000	+256,251.558
19	+ .000	+269,029.171
20	+ .000	+282,967.800
21	+ .000	+333,334.676
22	+ .000	+353,191.984
23	+ .000	+353,456.508
24	+ .000	+362,735.641
25	+ .000	+358,184.478
26	+ .000	+360,118.394
27	+ .000	+308,788.624
28	+ .000	+304,615.014
29	+ .000	+379,817.221
30	+ .000	+377,177.778
31	+ .000	+362,843.235
32	+ .000	+354,664.789
33	+ .000	+417,331.649
34	+ .000	+396,279.446
35	+ .000	+322,940.239
36	+ .000	+329,782.188
37	+ .000	+401,339.117
38	+ .000	+331,353.124
39	+ .000	+262,520.755
40	+ .000	+235,597.861
41	+ .000	+289,920.530
42	+ .000	+343,526.511

43	+.000	+357,896.274
44	+.000	+297,728.604
45	+.000	+314,745.082
46	+.000	+318,334.250
47	+.000	+451,553.205
48	+.000	+466,868.022