

Date: 09/09/2021

Settlement Day:16/08/2021

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: 138

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+6,669,454.140	+408,518,418.730
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+6,633,058.750	+404,334,127.760
Balancing Services Contract Cost	+2,207,795.342	+253,834,655.645
Balancing Services Cost Variable	+455,893.160	-17,348,402.784
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+81,309.039	+6,038,222.391
Black Start Testing Costs	+0.000	+41,070.000
Black Start Availability Costs	+81,361.189	+14,582,535.062
Black Start Other Costs	+3,878.240	+178,061.120
System Operator Internal Costs	+775,217.100	+106,979,959.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+507,385.980
ESO Incentive Recovery t-1	+54,794.520	+7,561,643.760
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+106,979,959.800
Total External Costs	+9,521,766.950	+669,729,298.934
Total Adjusted Energy Volume (MWh)	+1,204,912.849	

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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	+19,445.011	+323,365.319	+16.62973
02	+19,190.665	+300,168.492	+15.64138
03	+19,069.343	+311,404.109	+16.33009
04	+19,087.326	+303,984.189	+15.92597
05	+19,269.257	+375,040.089	+19.46313
06	+19,093.183	+361,290.984	+18.92251
07	+19,221.882	+397,525.528	+20.68088
08	+19,252.427	+393,687.579	+20.44872
09	+19,565.290	+385,911.147	+19.72427
10	+19,655.767	+380,278.749	+19.34693
11	+19,841.282	+325,915.304	+16.42612
12	+20,244.762	+333,749.025	+16.48570
13	+21,034.786	+242,366.301	+11.52217
14	+22,410.436	+265,632.968	+11.85309
15	+23,786.973	+158,387.994	+6.65860
16	+25,417.270	+128,968.358	+5.07404
17	+26,747.292	+110,263.434	+4.12241
18	+27,669.830	+122,173.208	+4.41539
19	+28,147.094	+145,353.906	+5.16408
20	+28,357.229	+163,797.201	+5.77621
21	+28,300.847	+156,092.345	+5.51547
22	+28,275.186	+183,388.074	+6.48583
23	+28,301.408	+211,474.505	+7.47223
24	+28,278.504	+222,817.604	+7.87940
25	+28,392.177	+233,420.487	+8.22130
26	+28,337.406	+234,259.106	+8.26678
27	+28,262.839	+232,233.749	+8.21693
28	+28,025.587	+198,105.313	+7.06873
29	+27,948.968	+164,143.126	+5.87296
30	+27,741.847	+157,916.750	+5.69237
31	+27,717.192	+179,391.849	+6.47222
32	+27,723.435	+179,837.340	+6.48683
33	+27,717.841	+145,169.989	+5.23742
34	+28,203.332	+142,254.862	+5.04390
35	+28,918.883	+149,339.771	+5.16409
36	+29,227.208	+173,386.320	+5.93236
37	+29,320.947	+160,474.862	+5.47304
38	+29,206.093	+186,866.019	+6.39819
39	+28,680.669	+186,994.285	+6.51987
40	+28,241.208	+177,776.403	+6.29493
41	+27,948.642	+159,431.286	+5.70444
42	+27,935.577	+150,615.285	+5.39152

43	+27,691.973	+120,131.359	+4.33813
44	+26,385.676	+111,348.604	+4.22004
45	+25,006.301	+111,711.592	+4.46734
46	+23,587.361	+103,420.364	+4.38457
47	+22,211.283	+167,982.667	+7.56294
48	+20,817.354	+167,736.250	+8.05752

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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	+0.01614	+227,146.89	+0.00	+225,850.31	+35,633.817	+45,737.370
02	+0.01593	+207,565.55	+0.00	+203,327.17	+35,170.180	+45,737.370
03	+0.01583	+212,433.78	+0.00	+211,716.51	+34,949.400	+48,904.450
04	+0.01584	+205,433.04	+0.00	+204,264.51	+34,971.478	+48,904.450
05	+0.01599	+240,805.98	+0.00	+239,873.57	+35,302.648	+83,870.085
06	+0.01585	+227,131.59	+0.00	+226,573.59	+34,993.556	+83,870.085
07	+0.01595	+251,318.90	+0.00	+250,802.11	+35,214.336	+95,555.305
08	+0.01598	+247,389.45	+0.00	+246,867.92	+35,280.570	+95,555.305
09	+0.01624	+279,093.93	+0.00	+279,041.62	+35,854.596	+54,771.085
10	+0.01631	+273,245.22	+0.00	+273,184.66	+36,009.142	+54,771.085
11	+0.01647	+233,967.31	+0.00	+233,611.52	+36,362.389	+39,467.495
12	+0.01680	+241,164.16	+0.00	+240,386.59	+37,090.962	+39,467.495
13	+0.01746	+187,230.82	+0.00	+185,795.47	+38,548.107	+558.590
14	+0.01860	+205,605.85	+0.00	+205,404.98	+41,064.993	+558.590
15	+0.01974	+134,868.23	+0.00	+134,859.21	+43,581.880	-39,797.770
16	+0.02109	+101,440.95	+0.00	+101,108.73	+46,562.404	-39,797.770
17	+0.02220	+61,478.85	+0.00	+61,040.34	+49,013.057	-21,995.220
18	+0.02296	+71,092.32	+0.00	+70,512.01	+50,690.981	-21,995.220
19	+0.02336	+83,743.96	+0.00	+82,865.27	+51,574.099	-12,450.995
20	+0.02353	+100,917.48	+0.00	+100,763.20	+51,949.424	-12,450.995
21	+0.02349	+91,812.35	+0.00	+91,470.89	+51,861.113	-10,735.220
22	+0.02347	+120,304.60	+0.00	+118,830.78	+51,816.957	-10,735.220
23	+0.02349	+146,394.80	+0.00	+146,255.50	+51,861.113	-10,137.670
24	+0.02347	+157,804.15	+0.00	+157,662.76	+51,816.957	-10,137.670
25	+0.02356	+166,371.00	+0.00	+166,145.47	+52,015.658	-8,306.220
26	+0.02352	+167,402.31	+0.00	+167,112.41	+51,927.346	-8,306.220
27	+0.02346	+165,294.45	+0.00	+165,007.51	+51,794.879	-8,034.195
28	+0.02326	+134,032.54	+0.00	+131,520.68	+51,353.320	-8,034.195
29	+0.02320	+99,670.88	+0.00	+99,169.96	+51,220.852	-9,453.180
30	+0.02302	+93,764.76	+0.00	+93,521.03	+50,823.449	-9,453.180
31	+0.02300	+112,933.06	+0.00	+112,507.83	+50,779.293	-6,900.720
32	+0.02301	+113,372.42	+0.00	+112,921.24	+50,801.371	-6,900.720
33	+0.02300	+77,871.61	+0.00	+76,337.82	+50,779.293	-4,952.570
34	+0.02341	+72,296.34	+0.00	+72,107.40	+51,684.489	-4,952.570
35	+0.02400	+73,542.42	+0.00	+72,665.22	+52,987.088	-318.220
36	+0.02426	+96,865.96	+0.00	+95,877.68	+53,561.115	-318.220
37	+0.02433	+84,876.41	+0.00	+82,850.36	+53,715.661	-426.920
38	+0.02424	+112,034.76	+0.00	+109,530.24	+53,516.959	-426.920
39	+0.02380	+111,991.91	+0.00	+111,399.64	+52,545.529	-756.520
40	+0.02344	+103,551.92	+0.00	+103,336.65	+51,750.723	-756.520
41	+0.02320	+85,958.25	+0.00	+85,791.66	+51,220.852	-786.720
42	+0.02318	+77,357.42	+0.00	+77,039.82	+51,176.696	-786.720

43	+0.02298	+55,838.66	+ .00	+55,166.25	+50,735.137	-8,755.470
44	+0.02190	+50,096.75	+ .00	+49,848.17	+48,350.718	-8,755.470
45	+0.02075	+54,910.03	+ .00	+53,958.02	+45,811.753	-8,813.095
46	+0.01958	+50,568.25	+ .00	+49,420.19	+43,228.633	-8,813.095
47	+0.01843	+105,301.57	+ .00	+104,419.48	+40,689.668	+4,439.155
48	+0.01728	+94,160.30	+ .00	+93,334.80	+38,150.704	+18,966.655

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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	+1,312.328	+0.000	+1,313.170	+62.595	+12,512.004
02	+0.000	+1,295.253	+0.000	+1,296.084	+61.780	+12,349.208
03	+0.000	+1,287.122	+0.000	+1,287.948	+61.393	+12,271.687
04	+0.000	+1,287.935	+0.000	+1,288.761	+61.431	+12,279.439
05	+0.000	+1,300.132	+0.000	+1,300.965	+62.013	+12,395.721
06	+0.000	+1,288.748	+0.000	+1,289.575	+61.470	+12,287.191
07	+0.000	+1,296.879	+0.000	+1,297.711	+61.858	+12,364.713
08	+0.000	+1,299.318	+0.000	+1,300.152	+61.974	+12,387.969
09	+0.000	+1,320.459	+0.000	+1,321.306	+62.983	+12,589.526
10	+0.000	+1,326.150	+0.000	+1,327.001	+63.254	+12,643.791
11	+0.000	+1,339.160	+0.000	+1,340.019	+63.875	+12,767.826
12	+0.000	+1,365.992	+0.000	+1,366.868	+65.154	+13,023.647
13	+0.000	+1,419.656	+0.000	+1,420.566	+67.714	+13,535.291
14	+0.000	+1,512.348	+0.000	+1,513.318	+72.135	+14,419.038
15	+0.000	+1,605.040	+0.000	+1,606.070	+76.556	+15,302.786
16	+0.000	+1,714.808	+0.000	+1,715.907	+81.792	+16,349.329
17	+0.000	+1,805.061	+0.000	+1,806.218	+86.097	+17,209.820
18	+0.000	+1,866.856	+0.000	+1,868.053	+89.044	+17,798.985
19	+0.000	+1,899.379	+0.000	+1,900.597	+90.596	+18,109.071
20	+0.000	+1,913.202	+0.000	+1,914.429	+91.255	+18,240.858
21	+0.000	+1,909.949	+0.000	+1,911.174	+91.100	+18,209.850
22	+0.000	+1,908.323	+0.000	+1,909.547	+91.022	+18,194.345
23	+0.000	+1,909.949	+0.000	+1,911.174	+91.100	+18,209.850
24	+0.000	+1,908.323	+0.000	+1,909.547	+91.022	+18,194.345
25	+0.000	+1,915.641	+0.000	+1,916.870	+91.371	+18,264.115
26	+0.000	+1,912.389	+0.000	+1,913.615	+91.216	+18,233.106
27	+0.000	+1,907.510	+0.000	+1,908.733	+90.984	+18,186.593
28	+0.000	+1,891.248	+0.000	+1,892.461	+90.208	+18,031.550
29	+0.000	+1,886.370	+0.000	+1,887.580	+89.975	+17,985.037
30	+0.000	+1,871.734	+0.000	+1,872.935	+89.277	+17,845.498
31	+0.000	+1,870.108	+0.000	+1,871.307	+89.200	+17,829.993
32	+0.000	+1,870.921	+0.000	+1,872.121	+89.238	+17,837.745
33	+0.000	+1,870.108	+0.000	+1,871.307	+89.200	+17,829.993
34	+0.000	+1,903.445	+0.000	+1,904.665	+90.790	+18,147.832
35	+0.000	+1,951.417	+0.000	+1,952.669	+93.078	+18,605.210
36	+0.000	+1,972.557	+0.000	+1,973.822	+94.086	+18,806.767
37	+0.000	+1,978.249	+0.000	+1,979.518	+94.358	+18,861.032
38	+0.000	+1,970.931	+0.000	+1,972.195	+94.009	+18,791.263
39	+0.000	+1,935.155	+0.000	+1,936.396	+92.302	+18,450.167
40	+0.000	+1,905.884	+0.000	+1,907.106	+90.906	+18,171.089
41	+0.000	+1,886.370	+0.000	+1,887.580	+89.975	+17,985.037
42	+0.000	+1,884.744	+0.000	+1,885.952	+89.898	+17,969.532

43	+.000	+1,868.482	+.000	+1,869.680	+89.122	+17,814.489
44	+.000	+1,780.668	+.000	+1,781.810	+84.933	+16,977.254
45	+.000	+1,687.163	+.000	+1,688.245	+80.473	+16,085.755
46	+.000	+1,592.031	+.000	+1,593.052	+75.936	+15,178.751
47	+.000	+1,498.526	+.000	+1,499.487	+71.476	+14,287.251
48	+.000	+1,405.020	+.000	+1,405.921	+67.016	+13,395.751

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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	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+59.342	+884.384	+.000	+.000
02	+.000	+.000	+58.570	+872.877	+.000	+.000
03	+.000	+.000	+58.202	+867.397	+.000	+.000
04	+.000	+.000	+58.239	+867.945	+.000	+.000
05	+.000	+.000	+58.791	+876.164	+.000	+.000
06	+.000	+.000	+58.276	+868.493	+.000	+.000
07	+.000	+.000	+58.644	+873.973	+.000	+.000
08	+.000	+.000	+58.754	+875.616	+.000	+.000
09	+.000	+.000	+59.710	+889.863	+.000	+.000
10	+.000	+.000	+59.967	+893.699	+.000	+.000
11	+.000	+.000	+60.555	+902.466	+.000	+.000
12	+.000	+.000	+61.769	+920.548	+.000	+.000
13	+.000	+.000	+64.195	+956.712	+.000	+.000
14	+.000	+.000	+68.387	+1,019.178	+.000	+.000
15	+.000	+.000	+72.578	+1,081.644	+.000	+.000
16	+.000	+.000	+77.542	+1,155.616	+.000	+.000
17	+.000	+.000	+81.623	+1,216.438	+.000	+.000
18	+.000	+.000	+84.417	+1,258.082	+.000	+.000
19	+.000	+.000	+85.888	+1,280.000	+.000	+.000
20	+.000	+.000	+86.513	+1,289.315	+.000	+.000
21	+.000	+.000	+86.366	+1,287.123	+.000	+.000
22	+.000	+.000	+86.292	+1,286.027	+.000	+.000
23	+.000	+.000	+86.366	+1,287.123	+.000	+.000
24	+.000	+.000	+86.292	+1,286.027	+.000	+.000
25	+.000	+.000	+86.623	+1,290.959	+.000	+.000
26	+.000	+.000	+86.476	+1,288.767	+.000	+.000
27	+.000	+.000	+86.256	+1,285.479	+.000	+.000
28	+.000	+.000	+85.520	+1,274.521	+.000	+.000
29	+.000	+.000	+85.300	+1,271.233	+.000	+.000
30	+.000	+.000	+84.638	+1,261.370	+.000	+.000
31	+.000	+.000	+84.564	+1,260.274	+.000	+.000
32	+.000	+.000	+84.601	+1,260.822	+.000	+.000
33	+.000	+.000	+84.564	+1,260.274	+.000	+.000
34	+.000	+.000	+86.072	+1,282.740	+.000	+.000
35	+.000	+.000	+88.241	+1,315.068	+.000	+.000
36	+.000	+.000	+89.197	+1,329.315	+.000	+.000
37	+.000	+.000	+89.454	+1,333.151	+.000	+.000
38	+.000	+.000	+89.123	+1,328.219	+.000	+.000
39	+.000	+.000	+87.506	+1,304.110	+.000	+.000
40	+.000	+.000	+86.182	+1,284.384	+.000	+.000
41	+.000	+.000	+85.300	+1,271.233	+.000	+.000
42	+.000	+.000	+85.226	+1,270.137	+.000	+.000



43	+.000	+.000	+84.491	+1,259.178	+.000	+.000
44	+.000	+.000	+80.520	+1,200.000	+.000	+.000
45	+.000	+.000	+76.292	+1,136.986	+.000	+.000
46	+.000	+.000	+71.990	+1,072.877	+.000	+.000
47	+.000	+.000	+67.762	+1,009.863	+.000	+.000
48	+.000	+.000	+63.534	+946.849	+.000	+.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	+323,365.319
02	+ .000	+300,168.492
03	+ .000	+311,404.109
04	+ .000	+303,984.189
05	+ .000	+375,040.089
06	+ .000	+361,290.984
07	+ .000	+397,525.528
08	+ .000	+393,687.579
09	+ .000	+385,911.147
10	+ .000	+380,278.749
11	+ .000	+325,915.304
12	+ .000	+333,749.025
13	+ .000	+242,366.301
14	+ .000	+265,632.968
15	+ .000	+158,387.994
16	+ .000	+128,968.358
17	+ .000	+110,263.434
18	+ .000	+122,173.208
19	+ .000	+145,353.906
20	+ .000	+163,797.201
21	+ .000	+156,092.345
22	+ .000	+183,388.074
23	+ .000	+211,474.505
24	+ .000	+222,817.604
25	+ .000	+233,420.487
26	+ .000	+234,259.106
27	+ .000	+232,233.749
28	+ .000	+198,105.313
29	+ .000	+164,143.126
30	+ .000	+157,916.750
31	+ .000	+179,391.849
32	+ .000	+179,837.340
33	+ .000	+145,169.989
34	+ .000	+142,254.862
35	+ .000	+149,339.771
36	+ .000	+173,386.320
37	+ .000	+160,474.862
38	+ .000	+186,866.019
39	+ .000	+186,994.285
40	+ .000	+177,776.403
41	+ .000	+159,431.286
42	+ .000	+150,615.285

43	+.000	+120,131.359
44	+.000	+111,348.604
45	+.000	+111,711.592
46	+.000	+103,420.364
47	+.000	+167,982.667
48	+.000	+167,736.250