

Date: 08/12/2021

Settlement Day:30/11/2021

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 244

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,185,229.980	+1,321,289,537.270
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,127,435.270	+1,303,560,799.580
Balancing Services Contract Cost	+2,135,721.020	+461,534,009.970
Balancing Services Cost Variable	+1,213,051.840	+44,489,720.700
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+141,963.130	+13,664,070.810
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+118,060.420	+28,375,600.280
Black Start Other Costs	+4,255.430	+127,662.900
System Operator Internal Costs	+775,217.100	+189,152,972.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+816,229.620
ALoMCP Recovery	+54,794.520	+14,364,383.440
ESO Incentive t-1 + Trades UR	+215,331.210	+4,306,624.200
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+189,152,972.400
Total External Costs	+8,014,289.550	+1,871,287,305.560
Total Adjusted Energy Volume (MWh)	+1,661,790.297	

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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	+26,915.765	+381,305.727	+14.16663
02	+27,346.219	+357,103.202	+13.05860
03	+26,997.089	+334,765.828	+12.40007
04	+26,631.217	+314,362.293	+11.80428
05	+26,099.264	+240,902.997	+9.23026
06	+25,866.724	+221,886.484	+8.57807
07	+25,728.679	+200,238.002	+7.78268
08	+25,419.342	+168,743.539	+6.63839
09	+25,321.937	+167,846.128	+6.62849
10	+25,277.673	+166,118.567	+6.57175
11	+25,767.280	+169,390.443	+6.57386
12	+26,804.331	+192,751.405	+7.19105
13	+29,532.752	+242,966.857	+8.22703
14	+32,404.877	+224,321.891	+6.92247
15	+35,949.277	+156,619.093	+4.35667
16	+37,699.971	+97,816.603	+2.59461
17	+38,642.581	+58,032.834	+1.50178
18	+39,217.588	+54,852.111	+1.39866
19	+39,811.471	+113,283.548	+2.84550
20	+40,033.615	+99,453.941	+2.48426
21	+40,172.651	+89,400.942	+2.22542
22	+40,074.232	+84,062.471	+2.09767
23	+40,152.050	+114,731.082	+2.85742
24	+39,951.805	+79,814.580	+1.99777
25	+39,896.235	+78,714.709	+1.97299
26	+39,733.883	+77,620.587	+1.95351
27	+39,550.258	+99,302.915	+2.51080
28	+39,128.824	+122,540.610	+3.13172
29	+38,876.601	+154,642.317	+3.97777
30	+38,687.231	+124,008.425	+3.20541
31	+38,995.135	+210,655.744	+5.40210
32	+39,948.044	+274,448.225	+6.87013
33	+41,164.059	+306,429.529	+7.44410
34	+42,399.736	+264,865.543	+6.24687
35	+42,899.413	+268,503.230	+6.25890
36	+42,576.523	+236,243.236	+5.54867
37	+42,119.403	+203,052.350	+4.82087
38	+41,536.991	+196,415.804	+4.72870
39	+40,588.008	+129,935.077	+3.20132
40	+39,165.716	+182,404.191	+4.65724
41	+37,331.127	+189,511.809	+5.07651
42	+35,681.670	+119,052.430	+3.33652

43	+33,393.187	+105,275.363	+3.15260
44	+31,559.611	+83,599.871	+2.64895
45	+30,014.079	+127,990.303	+4.26434
46	+28,176.367	+199,250.231	+7.07154
47	+25,833.529	+334,320.644	+12.94135
48	+24,716.277	+370,056.411	+14.97217

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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	+0.01620	+284,262.05	+0.00	+282,553.33	+34,598.681	+42,878.280
02	+0.01646	+258,685.14	+0.00	+257,454.06	+35,153.968	+42,878.280
03	+0.01625	+236,972.45	+0.00	+235,840.98	+34,705.467	+42,878.280
04	+0.01603	+217,535.72	+0.00	+216,196.23	+34,235.608	+42,878.280
05	+0.01571	+144,405.12	+0.00	+143,840.62	+33,552.177	+42,878.280
06	+0.01557	+125,720.52	+0.00	+125,306.97	+33,253.176	+42,878.280
07	+0.01548	+104,389.91	+0.00	+103,968.90	+33,060.961	+42,878.280
08	+0.01530	+74,560.38	+0.00	+73,095.26	+32,676.532	+42,878.280
09	+0.01524	+72,484.10	+0.00	+72,404.79	+32,548.388	+42,878.280
10	+0.01521	+70,817.17	+0.00	+70,780.70	+32,484.317	+42,878.280
11	+0.01551	+73,854.82	+0.00	+73,017.87	+33,125.033	+42,878.280
12	+0.01613	+95,333.97	+0.00	+94,240.44	+34,449.180	+42,878.280
13	+0.01777	+181,740.14	+0.00	+180,439.50	+37,951.763	+1,238.280
14	+0.01950	+158,217.41	+0.00	+155,827.73	+41,646.560	+1,238.280
15	+0.02163	+81,586.28	+0.00	+80,778.52	+46,195.646	+1,238.280
16	+0.02269	+19,166.34	+0.00	+18,320.07	+48,459.510	+1,238.280
17	+0.02325	-23,226.57	+0.00	-23,395.15	+49,655.514	+1,238.280
18	+0.02360	-27,420.65	+0.00	-27,783.03	+50,403.016	+1,238.280
19	+0.02396	+29,439.21	+0.00	+29,406.76	+51,171.876	+1,238.280
20	+0.02409	+15,128.78	+0.00	+15,128.78	+51,449.519	+1,238.280
21	+0.02417	+4,799.86	+0.00	+4,799.86	+51,620.377	+1,238.280
22	+0.02412	-218.91	+0.00	-366.16	+51,513.591	+1,238.280
23	+0.02416	+30,164.49	+0.00	+30,164.49	+51,599.020	+1,238.280
24	+0.02404	-3,891.28	+0.00	-4,338.13	+51,342.733	+1,238.280
25	+0.02401	-4,176.15	+0.00	-5,334.53	+51,278.662	+1,238.280
26	+0.02391	-6,083.75	+0.00	-6,083.75	+51,065.090	+1,238.280
27	+0.02380	+15,994.52	+0.00	+15,977.97	+50,830.160	+1,238.280
28	+0.02355	+40,418.52	+0.00	+40,077.92	+50,296.230	+1,238.280
29	+0.02339	+73,446.09	+0.00	+72,731.47	+49,954.515	+1,238.280
30	+0.02328	+45,424.89	+0.00	+42,476.97	+49,719.585	+1,238.280
31	+0.02347	+61,719.86	+0.00	+60,381.15	+50,125.372	+69,326.105
32	+0.02404	+123,702.45	+0.00	+122,207.69	+51,342.733	+69,326.105
33	+0.02477	+150,991.48	+0.00	+148,134.41	+52,901.810	+72,862.905
34	+0.02551	+105,052.31	+0.00	+104,018.15	+54,482.243	+72,862.905
35	+0.02582	+105,302.89	+0.00	+103,723.64	+55,144.317	+75,725.905
36	+0.02562	+72,230.32	+0.00	+72,153.45	+54,717.173	+75,725.905
37	+0.02535	+42,974.43	+0.00	+42,849.30	+54,140.528	+72,770.405
38	+0.02500	+37,501.55	+0.00	+37,419.91	+53,393.026	+72,770.405
39	+0.02442	+44,583.41	+0.00	+44,471.74	+52,154.307	+1,238.280
40	+0.02357	+100,727.03	+0.00	+99,872.52	+50,338.944	+1,238.280
41	+0.02246	+111,912.23	+0.00	+110,808.55	+47,968.294	+1,238.280
42	+0.02147	+43,984.90	+0.00	+43,763.70	+45,853.930	+1,238.280

43	+0.02009	+36,093.16	+ .00	+34,746.28	+42,906.635	+1,238.280
44	+0.01899	+17,631.68	+ .00	+16,864.71	+40,557.342	+1,238.280
45	+0.01806	+70,158.56	+ .00	+64,462.73	+38,571.122	+1,238.280
46	+0.01696	+145,809.99	+ .00	+139,516.58	+36,221.828	+1,238.280
47	+0.01555	+247,310.39	+ .00	+238,215.11	+33,210.462	+42,473.280
48	+0.01487	+278,012.77	+ .00	+276,296.21	+31,758.172	+42,473.280

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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	+2,299.803	+0.000	+1,912.579	+68.938	+12,558.517
02	+0.000	+2,336.713	+0.000	+1,943.275	+70.044	+12,760.073
03	+0.000	+2,306.901	+0.000	+1,918.482	+69.151	+12,597.278
04	+0.000	+2,275.669	+0.000	+1,892.509	+68.215	+12,426.730
05	+0.000	+2,230.241	+0.000	+1,854.729	+66.853	+12,178.661
06	+0.000	+2,210.366	+0.000	+1,838.201	+66.257	+12,070.130
07	+0.000	+2,197.589	+0.000	+1,827.575	+65.874	+12,000.361
08	+0.000	+2,172.036	+0.000	+1,806.324	+65.108	+11,860.822
09	+0.000	+2,163.518	+0.000	+1,799.241	+64.853	+11,814.309
10	+0.000	+2,159.259	+0.000	+1,795.699	+64.725	+11,791.052
11	+0.000	+2,201.848	+0.000	+1,831.117	+66.002	+12,023.617
12	+0.000	+2,289.865	+0.000	+1,904.315	+68.640	+12,504.252
13	+0.000	+2,522.685	+0.000	+2,097.934	+75.619	+13,775.608
14	+0.000	+2,768.281	+0.000	+2,302.178	+82.981	+15,116.733
15	+0.000	+3,070.663	+0.000	+2,553.647	+92.045	+16,767.946
16	+0.000	+3,221.143	+0.000	+2,678.791	+96.556	+17,589.676
17	+0.000	+3,300.643	+0.000	+2,744.905	+98.939	+18,023.798
18	+0.000	+3,350.330	+0.000	+2,786.226	+100.428	+18,295.124
19	+0.000	+3,401.437	+0.000	+2,828.728	+101.960	+18,574.202
20	+0.000	+3,419.892	+0.000	+2,844.076	+102.513	+18,674.980
21	+0.000	+3,431.249	+0.000	+2,853.520	+102.854	+18,736.997
22	+0.000	+3,424.151	+0.000	+2,847.617	+102.641	+18,698.236
23	+0.000	+3,429.829	+0.000	+2,852.340	+102.811	+18,729.245
24	+0.000	+3,412.794	+0.000	+2,838.172	+102.301	+18,636.219
25	+0.000	+3,408.535	+0.000	+2,834.631	+102.173	+18,612.963
26	+0.000	+3,394.338	+0.000	+2,822.825	+101.747	+18,535.441
27	+0.000	+3,378.722	+0.000	+2,809.838	+101.279	+18,450.167
28	+0.000	+3,343.232	+0.000	+2,780.323	+100.215	+18,256.363
29	+0.000	+3,320.518	+0.000	+2,761.433	+99.535	+18,132.328
30	+0.000	+3,304.902	+0.000	+2,748.447	+99.066	+18,047.054
31	+0.000	+3,331.875	+0.000	+2,770.878	+99.875	+18,194.345
32	+0.000	+3,412.794	+0.000	+2,838.172	+102.301	+18,636.219
33	+0.000	+3,516.427	+0.000	+2,924.357	+105.407	+19,202.128
34	+0.000	+3,621.479	+0.000	+3,011.721	+108.556	+19,775.788
35	+0.000	+3,665.488	+0.000	+3,048.320	+109.875	+20,016.106
36	+0.000	+3,637.095	+0.000	+3,024.708	+109.024	+19,861.062
37	+0.000	+3,598.765	+0.000	+2,992.832	+107.875	+19,651.753
38	+0.000	+3,549.078	+0.000	+2,951.511	+106.386	+19,380.428
39	+0.000	+3,466.740	+0.000	+2,883.035	+103.918	+18,930.802
40	+0.000	+3,346.071	+0.000	+2,782.684	+100.300	+18,271.867
41	+0.000	+3,188.492	+0.000	+2,651.637	+95.577	+17,411.376
42	+0.000	+3,047.948	+0.000	+2,534.757	+91.364	+16,643.911

43	+.000	+2,852.039	+.000	+2,371.834	+85.492	+15,574.112
44	+.000	+2,695.880	+.000	+2,241.967	+80.811	+14,721.373
45	+.000	+2,563.854	+.000	+2,132.171	+76.853	+14,000.421
46	+.000	+2,407.695	+.000	+2,002.305	+72.172	+13,147.682
47	+.000	+2,207.527	+.000	+1,835.840	+66.172	+12,054.626
48	+.000	+2,110.992	+.000	+1,755.558	+63.278	+11,527.478

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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	+59.563	+887.671	+3,488.366	+.000
02	+.000	+.000	+60.519	+901.918	+3,544.352	+.000
03	+.000	+.000	+59.747	+890.411	+3,499.132	+.000
04	+.000	+.000	+58.938	+878.356	+3,451.759	+.000
05	+.000	+.000	+57.761	+860.822	+3,382.853	+.000
06	+.000	+.000	+57.246	+853.151	+3,352.707	+.000
07	+.000	+.000	+56.915	+848.219	+3,333.327	+.000
08	+.000	+.000	+56.254	+838.356	+3,294.568	+.000
09	+.000	+.000	+56.033	+835.068	+3,281.648	+.000
10	+.000	+.000	+55.923	+833.425	+3,275.188	+.000
11	+.000	+.000	+57.026	+849.863	+3,339.787	+.000
12	+.000	+.000	+59.305	+883.836	+3,473.292	+.000
13	+.000	+.000	+65.335	+973.699	+3,826.436	+.000
14	+.000	+.000	+71.696	+1,068.493	+4,198.959	+.000
15	+.000	+.000	+79.527	+1,185.205	+4,657.614	+.000
16	+.000	+.000	+83.425	+1,243.288	+4,885.865	+.000
17	+.000	+.000	+85.484	+1,273.973	+5,006.451	+.000
18	+.000	+.000	+86.770	+1,293.151	+5,081.817	+.000
19	+.000	+.000	+88.094	+1,312.877	+5,159.336	+.000
20	+.000	+.000	+88.572	+1,320.000	+5,187.329	+.000
21	+.000	+.000	+88.866	+1,324.384	+5,204.555	+.000
22	+.000	+.000	+88.682	+1,321.644	+5,193.789	+.000
23	+.000	+.000	+88.829	+1,323.836	+5,202.402	+.000
24	+.000	+.000	+88.388	+1,317.260	+5,176.562	+.000
25	+.000	+.000	+88.278	+1,315.616	+5,170.102	+.000
26	+.000	+.000	+87.910	+1,310.137	+5,148.569	+.000
27	+.000	+.000	+87.506	+1,304.110	+5,124.883	+.000
28	+.000	+.000	+86.587	+1,290.411	+5,071.050	+.000
29	+.000	+.000	+85.998	+1,281.644	+5,036.597	+.000
30	+.000	+.000	+85.594	+1,275.616	+5,012.911	+.000
31	+.000	+.000	+86.292	+1,286.027	+5,053.823	+.000
32	+.000	+.000	+88.388	+1,317.260	+5,176.562	+.000
33	+.000	+.000	+91.072	+1,357.260	+5,333.754	+.000
34	+.000	+.000	+93.793	+1,397.808	+5,493.099	+.000
35	+.000	+.000	+94.933	+1,414.795	+5,559.852	+.000
36	+.000	+.000	+94.197	+1,403.836	+5,516.786	+.000
37	+.000	+.000	+93.205	+1,389.041	+5,458.646	+.000
38	+.000	+.000	+91.918	+1,369.863	+5,383.280	+.000
39	+.000	+.000	+89.785	+1,338.082	+5,258.388	+.000
40	+.000	+.000	+86.660	+1,291.507	+5,075.357	+.000
41	+.000	+.000	+82.579	+1,230.685	+4,836.339	+.000
42	+.000	+.000	+78.939	+1,176.438	+4,623.161	+.000

43	+.000	+.000	+73.865	+1,100.822	+4,326.004	+.000
44	+.000	+.000	+69.821	+1,040.548	+4,089.140	+.000
45	+.000	+.000	+66.401	+989.589	+3,888.882	+.000
46	+.000	+.000	+62.357	+929.315	+3,652.017	+.000
47	+.000	+.000	+57.173	+852.055	+3,348.400	+.000
48	+.000	+.000	+54.673	+814.795	+3,201.975	+.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	+381,305.727
02	+ .000	+357,103.202
03	+ .000	+334,765.828
04	+ .000	+314,362.293
05	+ .000	+240,902.997
06	+ .000	+221,886.484
07	+ .000	+200,238.002
08	+ .000	+168,743.539
09	+ .000	+167,846.128
10	+ .000	+166,118.567
11	+ .000	+169,390.443
12	+ .000	+192,751.405
13	+ .000	+242,966.857
14	+ .000	+224,321.891
15	+ .000	+156,619.093
16	+ .000	+97,816.603
17	+ .000	+58,032.834
18	+ .000	+54,852.111
19	+ .000	+113,283.548
20	+ .000	+99,453.941
21	+ .000	+89,400.942
22	+ .000	+84,062.471
23	+ .000	+114,731.082
24	+ .000	+79,814.580
25	+ .000	+78,714.709
26	+ .000	+77,620.587
27	+ .000	+99,302.915
28	+ .000	+122,540.610
29	+ .000	+154,642.317
30	+ .000	+124,008.425
31	+ .000	+210,655.744
32	+ .000	+274,448.225
33	+ .000	+306,429.529
34	+ .000	+264,865.543
35	+ .000	+268,503.230
36	+ .000	+236,243.236
37	+ .000	+203,052.350
38	+ .000	+196,415.804
39	+ .000	+129,935.077
40	+ .000	+182,404.191
41	+ .000	+189,511.809
42	+ .000	+119,052.430

43	+.000	+105,275.363
44	+.000	+83,599.871
45	+.000	+127,990.303
46	+.000	+199,250.231
47	+.000	+334,320.644
48	+.000	+370,056.411