

Date: 27/10/2021

Settlement Day:04/10/2021

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: 187

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+5,604,174.020	+711,675,663.040
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,540,800.010	+702,468,190.300
Balancing Services Contract Cost	+2,350,681.450	+334,962,541.724
Balancing Services Cost Variable	-324,066.010	-28,984,128.754
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+0.000	+7,257,979.916
Black Start Testing Costs	+0.000	+41,070.000
Black Start Availability Costs	+102,018.720	+19,640,264.355
Black Start Other Costs	+0.000	+236,234.720
System Operator Internal Costs	+775,217.100	+144,965,597.700
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+687,544.770
ESO Incentive Recovery t-1	+54,794.520	+10,246,575.240
ALoMCP Recovery	+182,218.628	+728,874.512
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+144,965,597.700
Total External Costs	+7,910,124.028	+1,047,285,146.783
Total Adjusted Energy Volume (MWh)	+1,358,440.062	

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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	+20,918.411	+261,430.915	+12.49765
02	+20,596.995	+292,386.849	+14.19561
03	+20,408.192	+281,532.139	+13.79506
04	+20,387.233	+303,495.443	+14.88654
05	+20,280.952	+326,625.244	+16.10503
06	+20,080.061	+321,714.453	+16.02159
07	+19,939.882	+332,754.918	+16.68791
08	+19,909.248	+333,015.496	+16.72667
09	+19,803.638	+296,553.002	+14.97467
10	+19,725.348	+280,005.106	+14.19519
11	+20,286.585	+190,511.924	+9.39103
12	+21,535.240	+126,928.993	+5.89401
13	+23,931.355	+185,033.733	+7.73185
14	+26,589.234	+238,059.097	+8.95321
15	+29,389.040	+142,694.542	+4.85537
16	+31,129.244	+151,946.225	+4.88114
17	+31,714.704	+184,058.016	+5.80355
18	+31,653.765	+152,233.956	+4.80935
19	+31,891.593	+129,310.015	+4.05467
20	+31,526.466	+106,067.921	+3.36441
21	+31,125.391	+106,293.909	+3.41502
22	+30,848.403	+103,333.008	+3.34970
23	+30,721.791	+99,578.963	+3.24131
24	+30,720.146	+101,784.257	+3.31327
25	+30,908.490	+118,097.952	+3.82089
26	+31,006.876	+132,907.011	+4.28637
27	+30,936.900	+126,448.924	+4.08732
28	+30,742.349	+111,633.519	+3.63126
29	+30,910.117	+171,773.422	+5.55719
30	+30,945.929	+163,790.360	+5.29279
31	+31,016.365	+136,225.381	+4.39205
32	+31,885.834	+111,959.189	+3.51125
33	+32,908.722	+99,181.101	+3.01382
34	+34,211.666	+107,597.677	+3.14506
35	+35,163.622	+131,558.779	+3.74133
36	+35,440.605	+175,372.440	+4.94835
37	+35,529.435	+173,228.976	+4.87565
38	+35,975.401	+214,019.977	+5.94906
39	+35,705.984	+172,576.235	+4.83326
40	+34,672.496	+128,747.234	+3.71324
41	+33,765.568	+133,320.293	+3.94841
42	+32,335.280	+124,477.160	+3.84958

43	+30,820.209	+165,392.416	+5.36636
44	+28,928.285	+147,318.192	+5.09253
45	+27,356.316	+174,252.168	+6.36972
46	+25,677.856	+132,242.215	+5.15005
47	+23,938.666	+215,128.228	+8.98664
48	+22,544.174	+270,709.468	+12.00796

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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	+0.01540	+222,398.75	+0.00	+221,000.06	+36,200.494	-12,985.695
02	+0.01516	+254,394.50	+0.00	+252,788.46	+35,636.331	-12,985.695
03	+0.01502	+243,681.36	+0.00	+242,996.91	+35,307.235	-13,563.250
04	+0.01501	+266,731.12	+0.00	+264,994.90	+35,283.729	-13,563.250
05	+0.01493	+283,902.84	+0.00	+283,695.60	+35,095.674	-8,856.660
06	+0.01478	+280,788.35	+0.00	+279,305.10	+34,743.072	-8,856.660
07	+0.01468	+288,965.11	+0.00	+288,717.95	+34,508.004	-6,882.185
08	+0.01466	+289,155.34	+0.00	+289,047.90	+34,460.990	-6,882.185
09	+0.01458	+278,397.11	+0.00	+277,287.33	+34,272.936	-31,306.620
10	+0.01452	+261,536.41	+0.00	+260,947.55	+34,131.895	-31,306.620
11	+0.01493	+228,746.77	+0.00	+228,429.21	+35,095.674	-89,703.590
12	+0.01585	+162,148.01	+0.00	+161,655.16	+37,258.301	-89,703.590
13	+0.01762	+111,825.42	+0.00	+108,873.77	+41,419.007	+15,043.105
14	+0.01957	+156,931.96	+0.00	+155,135.35	+46,002.836	+15,043.105
15	+0.02163	+67,775.83	+0.00	+66,430.29	+50,845.240	+1,238.280
16	+0.02292	+77,493.80	+0.00	+71,207.47	+53,877.619	+1,238.280
17	+0.02335	+102,651.28	+0.00	+101,827.76	+54,888.412	+1,238.280
18	+0.02330	+70,602.26	+0.00	+70,177.13	+54,770.878	+1,238.280
19	+0.02348	+47,271.75	+0.00	+46,628.84	+55,194.000	+1,238.280
20	+0.02321	+24,613.83	+0.00	+24,323.27	+54,559.316	+1,238.280
21	+0.02291	+26,161.25	+0.00	+25,589.84	+53,854.112	+1,238.280
22	+0.02271	+24,463.40	+0.00	+23,322.66	+53,383.976	+1,238.280
23	+0.02262	+21,076.11	+0.00	+19,880.79	+53,172.414	+1,238.280
24	+0.02261	+22,396.33	+0.00	+22,120.77	+53,148.908	+1,238.280
25	+0.02275	+38,251.17	+0.00	+37,948.86	+53,478.003	+1,238.280
26	+0.02283	+52,769.05	+0.00	+52,480.43	+53,666.058	+1,238.280
27	+0.02277	+46,496.16	+0.00	+46,230.46	+53,525.017	+1,238.280
28	+0.02263	+35,144.18	+0.00	+31,900.66	+53,195.921	+1,238.280
29	+0.02275	+93,195.20	+0.00	+91,624.33	+53,478.003	+1,238.280
30	+0.02278	+83,878.31	+0.00	+83,537.21	+53,548.523	+1,238.280
31	+0.02283	+67,056.58	+0.00	+55,798.80	+53,666.058	+1,238.280
32	+0.02347	+33,215.58	+0.00	+29,312.70	+55,170.494	+1,238.280
33	+0.02423	+14,273.21	+0.00	+13,898.47	+56,957.012	+1,238.280
34	+0.02518	+19,082.62	+0.00	+19,019.87	+59,190.159	+1,238.280
35	+0.02589	+40,623.40	+0.00	+40,518.26	+60,859.143	+1,238.280
36	+0.02609	+84,909.66	+0.00	+83,638.20	+61,329.279	+1,238.280
37	+0.02615	+81,969.86	+0.00	+81,286.62	+61,470.320	+1,238.280
38	+0.02648	+122,334.58	+0.00	+120,932.98	+62,246.045	+1,238.280
39	+0.02628	+80,997.66	+0.00	+80,182.96	+61,775.909	+1,238.280
40	+0.02552	+39,383.88	+0.00	+38,990.10	+59,989.391	+1,238.280
41	+0.02486	+46,894.57	+0.00	+45,852.44	+58,437.941	+1,238.280
42	+0.02380	+41,756.15	+0.00	+40,686.03	+55,946.219	+1,238.280

43	+0.02269	+86,987.46	+ .00	+85,451.44	+53,336.962	+1,238.280
44	+0.02130	+74,221.14	+ .00	+72,198.58	+50,069.515	+1,238.280
45	+0.02014	+122,967.40	+ .00	+122,324.14	+47,342.724	-17,929.720
46	+0.01890	+84,791.59	+ .00	+84,615.26	+44,427.879	-17,929.720
47	+0.01762	+169,906.78	+ .00	+168,433.96	+41,419.007	-14,422.590
48	+0.01660	+228,958.94	+ .00	+227,553.18	+39,021.312	-14,422.590

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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	+0.000	+0.000	+1,571.088	+0.000	+11,938.343
02	+0.000	+0.000	+0.000	+1,546.604	+0.000	+11,752.291
03	+0.000	+0.000	+0.000	+1,532.321	+0.000	+11,643.761
04	+0.000	+0.000	+0.000	+1,531.301	+0.000	+11,636.009
05	+0.000	+0.000	+0.000	+1,523.139	+0.000	+11,573.991
06	+0.000	+0.000	+0.000	+1,507.837	+0.000	+11,457.709
07	+0.000	+0.000	+0.000	+1,497.635	+0.000	+11,380.187
08	+0.000	+0.000	+0.000	+1,495.594	+0.000	+11,364.683
09	+0.000	+0.000	+0.000	+1,487.433	+0.000	+11,302.665
10	+0.000	+0.000	+0.000	+1,481.312	+0.000	+11,256.152
11	+0.000	+0.000	+0.000	+1,523.139	+0.000	+11,573.991
12	+0.000	+0.000	+0.000	+1,616.997	+0.000	+12,287.191
13	+0.000	+0.000	+0.000	+1,797.570	+0.000	+13,659.325
14	+0.000	+0.000	+0.000	+1,996.506	+0.000	+15,170.999
15	+0.000	+0.000	+0.000	+2,206.665	+0.000	+16,767.946
16	+0.000	+0.000	+0.000	+2,338.269	+0.000	+17,767.976
17	+0.000	+0.000	+0.000	+2,382.137	+0.000	+18,101.319
18	+0.000	+0.000	+0.000	+2,377.036	+0.000	+18,062.558
19	+0.000	+0.000	+0.000	+2,395.400	+0.000	+18,202.098
20	+0.000	+0.000	+0.000	+2,367.854	+0.000	+17,992.789
21	+0.000	+0.000	+0.000	+2,337.249	+0.000	+17,760.224
22	+0.000	+0.000	+0.000	+2,316.845	+0.000	+17,605.180
23	+0.000	+0.000	+0.000	+2,307.663	+0.000	+17,535.411
24	+0.000	+0.000	+0.000	+2,306.643	+0.000	+17,527.659
25	+0.000	+0.000	+0.000	+2,320.926	+0.000	+17,636.189
26	+0.000	+0.000	+0.000	+2,329.087	+0.000	+17,698.206
27	+0.000	+0.000	+0.000	+2,322.966	+0.000	+17,651.693
28	+0.000	+0.000	+0.000	+2,308.684	+0.000	+17,543.163
29	+0.000	+0.000	+0.000	+2,320.926	+0.000	+17,636.189
30	+0.000	+0.000	+0.000	+2,323.986	+0.000	+17,659.446
31	+0.000	+0.000	+0.000	+2,329.087	+0.000	+17,698.206
32	+0.000	+0.000	+0.000	+2,394.379	+0.000	+18,194.345
33	+0.000	+0.000	+0.000	+2,471.914	+0.000	+18,783.510
34	+0.000	+0.000	+0.000	+2,568.831	+0.000	+19,519.967
35	+0.000	+0.000	+0.000	+2,641.265	+0.000	+20,070.371
36	+0.000	+0.000	+0.000	+2,661.668	+0.000	+20,225.414
37	+0.000	+0.000	+0.000	+2,667.790	+0.000	+20,271.927
38	+0.000	+0.000	+0.000	+2,701.456	+0.000	+20,527.749
39	+0.000	+0.000	+0.000	+2,681.052	+0.000	+20,372.705
40	+0.000	+0.000	+0.000	+2,603.518	+0.000	+19,783.540
41	+0.000	+0.000	+0.000	+2,536.185	+0.000	+19,271.897
42	+0.000	+0.000	+0.000	+2,428.046	+0.000	+18,450.167

43	+.000	+.000	+.000	+2,314.805	+.000	+17,589.676
44	+.000	+.000	+.000	+2,172.999	+.000	+16,512.124
45	+.000	+.000	+.000	+2,054.657	+.000	+15,612.872
46	+.000	+.000	+.000	+1,928.154	+.000	+14,651.603
47	+.000	+.000	+.000	+1,797.570	+.000	+13,659.325
48	+.000	+.000	+.000	+1,693.511	+.000	+12,868.604

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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	+56.621	+843.836	+2,806.167	+.000
02	+.000	+.000	+55.739	+830.685	+2,762.434	+.000
03	+.000	+.000	+55.224	+823.014	+2,736.924	+.000
04	+.000	+.000	+55.187	+822.466	+2,735.102	+.000
05	+.000	+.000	+54.893	+818.082	+2,720.524	+.000
06	+.000	+.000	+54.342	+809.863	+2,693.191	+.000
07	+.000	+.000	+53.974	+804.384	+2,674.969	+.000
08	+.000	+.000	+53.901	+803.288	+2,671.325	+.000
09	+.000	+.000	+53.606	+798.904	+2,656.748	+.000
10	+.000	+.000	+53.386	+795.616	+2,645.814	+.000
11	+.000	+.000	+54.893	+818.082	+2,720.524	+.000
12	+.000	+.000	+58.276	+868.493	+2,888.165	+.000
13	+.000	+.000	+64.784	+965.479	+3,210.692	+.000
14	+.000	+.000	+71.953	+1,072.329	+3,566.019	+.000
15	+.000	+.000	+79.527	+1,185.205	+3,941.389	+.000
16	+.000	+.000	+84.270	+1,255.890	+4,176.451	+.000
17	+.000	+.000	+85.851	+1,279.452	+4,254.805	+.000
18	+.000	+.000	+85.667	+1,276.712	+4,245.694	+.000
19	+.000	+.000	+86.329	+1,286.575	+4,278.493	+.000
20	+.000	+.000	+85.336	+1,271.781	+4,229.294	+.000
21	+.000	+.000	+84.233	+1,255.342	+4,174.629	+.000
22	+.000	+.000	+83.498	+1,244.384	+4,138.185	+.000
23	+.000	+.000	+83.167	+1,239.452	+4,121.785	+.000
24	+.000	+.000	+83.130	+1,238.904	+4,119.963	+.000
25	+.000	+.000	+83.645	+1,246.575	+4,145.474	+.000
26	+.000	+.000	+83.939	+1,250.959	+4,160.051	+.000
27	+.000	+.000	+83.719	+1,247.671	+4,149.118	+.000
28	+.000	+.000	+83.204	+1,240.000	+4,123.608	+.000
29	+.000	+.000	+83.645	+1,246.575	+4,145.474	+.000
30	+.000	+.000	+83.755	+1,248.219	+4,150.940	+.000
31	+.000	+.000	+83.939	+1,250.959	+4,160.051	+.000
32	+.000	+.000	+86.292	+1,286.027	+4,276.671	+.000
33	+.000	+.000	+89.087	+1,327.671	+4,415.157	+.000
34	+.000	+.000	+92.580	+1,379.726	+4,588.265	+.000
35	+.000	+.000	+95.190	+1,418.630	+4,717.640	+.000
36	+.000	+.000	+95.925	+1,429.589	+4,754.084	+.000
37	+.000	+.000	+96.146	+1,432.877	+4,765.017	+.000
38	+.000	+.000	+97.359	+1,450.959	+4,825.149	+.000
39	+.000	+.000	+96.624	+1,440.000	+4,788.706	+.000
40	+.000	+.000	+93.830	+1,398.356	+4,650.219	+.000
41	+.000	+.000	+91.403	+1,362.192	+4,529.955	+.000
42	+.000	+.000	+87.506	+1,304.110	+4,336.803	+.000



43	+.000	+.000	+83.425	+1,243.288	+4,134.541	+.000
44	+.000	+.000	+78.314	+1,167.123	+3,881.257	+.000
45	+.000	+.000	+74.049	+1,103.562	+3,669.883	+.000
46	+.000	+.000	+69.490	+1,035.616	+3,443.932	+.000
47	+.000	+.000	+64.784	+965.479	+3,210.692	+.000
48	+.000	+.000	+61.033	+909.589	+3,024.829	+.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	+261,430.915
02	+ .000	+292,386.849
03	+ .000	+281,532.139
04	+ .000	+303,495.443
05	+ .000	+326,625.244
06	+ .000	+321,714.453
07	+ .000	+332,754.918
08	+ .000	+333,015.496
09	+ .000	+296,553.002
10	+ .000	+280,005.106
11	+ .000	+190,511.924
12	+ .000	+126,928.993
13	+ .000	+185,033.733
14	+ .000	+238,059.097
15	+ .000	+142,694.542
16	+ .000	+151,946.225
17	+ .000	+184,058.016
18	+ .000	+152,233.956
19	+ .000	+129,310.015
20	+ .000	+106,067.921
21	+ .000	+106,293.909
22	+ .000	+103,333.008
23	+ .000	+99,578.963
24	+ .000	+101,784.257
25	+ .000	+118,097.952
26	+ .000	+132,907.011
27	+ .000	+126,448.924
28	+ .000	+111,633.519
29	+ .000	+171,773.422
30	+ .000	+163,790.360
31	+ .000	+136,225.381
32	+ .000	+111,959.189
33	+ .000	+99,181.101
34	+ .000	+107,597.677
35	+ .000	+131,558.779
36	+ .000	+175,372.440
37	+ .000	+173,228.976
38	+ .000	+214,019.977
39	+ .000	+172,576.235
40	+ .000	+128,747.234
41	+ .000	+133,320.293
42	+ .000	+124,477.160

43	+.000	+165,392.416
44	+.000	+147,318.192
45	+.000	+174,252.168
46	+.000	+132,242.215
47	+.000	+215,128.228
48	+.000	+270,709.468