

Date: 10/12/2021

Settlement Day:17/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:03

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 231

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	+7,414,511.800	+1,091,473,665.830
Balancing Services Contract Cost	+2,091,201.079	+420,480,827.082
Balancing Services Cost Variable	+1,924,094.910	+22,640,137.386
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+52,873.595	+8,051,083.841
Black Start Testing Costs	+ .000	+41,070.000
Black Start Availability Costs	+97,788.787	+23,857,924.318
Black Start Other Costs	+19,280.241	+520,587.335
System Operator Internal Costs	+775,217.100	+179,075,150.100
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+3,676.710	+849,320.010
ALoMCP Recovery	+54,794.520	+12,657,534.120
ESO Incentive t-1 + Trades UR	+215,331.210	+9,309,408.038
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+179,075,150.100
Total External Costs	+11,873,552.852	+1,589,881,557.960
Total Adjusted Energy Volume (MWh)	+1,530,322.671	

Date: 10/12/2021

Settlement Day:17/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:03

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	+23,765.137	+414,167.835	+17.42754
02	+23,925.590	+405,873.211	+16.96398
03	+23,673.563	+423,403.555	+17.88508
04	+23,331.780	+380,478.009	+16.30729
05	+22,844.654	+375,813.487	+16.45083
06	+22,712.239	+424,769.323	+18.70222
07	+22,729.106	+453,999.444	+19.97436
08	+22,331.575	+361,944.122	+16.20773
09	+22,182.851	+362,400.407	+16.33696
10	+22,266.472	+369,144.385	+16.57849
11	+23,037.593	+339,512.012	+14.73730
12	+24,638.383	+292,218.883	+11.86031
13	+27,442.434	+345,763.867	+12.59961
14	+30,089.832	+336,840.719	+11.19450
15	+33,243.979	+266,536.926	+8.01760
16	+34,693.048	+295,339.281	+8.51292
17	+35,825.058	+231,896.421	+6.47302
18	+36,116.622	+222,832.643	+6.16981
19	+36,481.798	+220,383.672	+6.04092
20	+36,303.265	+202,166.302	+5.56882
21	+36,039.005	+239,578.564	+6.64776
22	+35,667.864	+215,309.305	+6.03651
23	+35,385.386	+214,720.634	+6.06806
24	+35,090.057	+178,754.183	+5.09415
25	+34,994.495	+181,351.103	+5.18228
26	+34,918.647	+196,680.855	+5.63255
27	+34,954.708	+154,752.268	+4.42722
28	+34,880.520	+158,086.180	+4.53222
29	+34,958.217	+145,705.908	+4.16800
30	+35,216.025	+148,283.146	+4.21067
31	+36,168.179	+183,502.357	+5.07359
32	+37,420.341	+241,741.931	+6.46017
33	+38,939.340	+209,889.355	+5.39016
34	+40,753.604	+275,377.207	+6.75713
35	+41,379.583	+324,976.504	+7.85355
36	+41,174.661	+258,286.153	+6.27294
37	+40,708.717	+248,637.392	+6.10772
38	+39,867.585	+213,915.932	+5.36566
39	+38,678.064	+196,232.135	+5.07347
40	+37,308.042	+131,272.170	+3.51860
41	+36,153.411	+92,258.226	+2.55185
42	+34,429.596	+117,502.423	+3.41283

43	+32,516.859	+151,881.969	+4.67087
44	+30,577.628	+130,216.232	+4.25855
45	+28,610.761	+169,975.803	+5.94097
46	+26,877.277	+283,301.827	+10.54057
47	+24,973.858	+430,354.544	+17.23220
48	+24,045.262	+430,641.835	+17.90963

Date: 10/12/2021

Settlement Day:17/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:03

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	+0.01553	+0.00	+0.00	+317,297.72	+32,476.353	+45,463.280
02	+0.01563	+0.00	+0.00	+308,672.08	+32,685.473	+45,463.280
03	+0.01547	+0.00	+0.00	+326,732.05	+32,350.881	+45,463.280
04	+0.01525	+0.00	+0.00	+284,534.74	+31,890.816	+45,463.280
05	+0.01493	+0.00	+0.00	+280,929.47	+31,221.632	+45,463.280
06	+0.01484	+0.00	+0.00	+330,183.22	+31,033.424	+45,463.280
07	+0.01485	+0.00	+0.00	+359,380.24	+31,054.336	+45,463.280
08	+0.01459	+0.00	+0.00	+268,185.56	+30,510.624	+45,463.280
09	+0.01450	+0.00	+0.00	+268,939.76	+30,322.416	+45,463.280
10	+0.01455	+0.00	+0.00	+275,518.23	+30,426.976	+45,463.280
11	+0.01505	+0.00	+0.00	+255,096.60	+31,472.576	+34,597.455
12	+0.01610	+0.00	+0.00	+223,827.80	+33,668.337	+15,097.455
13	+0.01793	+0.00	+0.00	+98,984.18	+37,495.235	+187,428.460
14	+0.01966	+0.00	+0.00	+84,334.45	+41,113.013	+187,428.460
15	+0.02172	+0.00	+0.00	+21,725.02	+45,420.887	+172,915.160
16	+0.02267	+0.00	+0.00	+47,382.72	+47,407.528	+172,915.160
17	+0.02341	+0.00	+0.00	+103,912.47	+48,955.017	+50,493.030
18	+0.02360	+0.00	+0.00	+94,219.76	+49,352.345	+50,493.030
19	+0.02384	+0.00	+0.00	+140,231.10	+49,854.234	+1,238.280
20	+0.02372	+0.00	+0.00	+122,410.95	+49,603.290	+1,238.280
21	+0.02355	+0.00	+0.00	+74,705.69	+49,247.785	+86,918.530
22	+0.02331	+0.00	+0.00	+51,230.87	+48,745.897	+86,918.530
23	+0.02312	+0.00	+0.00	+50,549.88	+48,348.569	+87,639.780
24	+0.02293	+0.00	+0.00	+15,212.36	+47,951.241	+87,639.780
25	+0.02287	+0.00	+0.00	+25,018.39	+47,825.769	+80,629.280
26	+0.02282	+0.00	+0.00	+40,513.65	+47,721.209	+80,629.280
27	+0.02284	+0.00	+0.00	+77,909.86	+47,763.033	+1,238.280
28	+0.02279	+0.00	+0.00	+81,409.28	+47,658.473	+1,238.280
29	+0.02284	+0.00	+0.00	+68,863.50	+47,763.033	+1,238.280
30	+0.02301	+0.00	+0.00	+70,878.01	+48,118.537	+1,238.280
31	+0.02363	+0.00	+0.00	+104,044.92	+49,415.081	+1,238.280
32	+0.02445	+0.00	+0.00	+159,570.16	+51,129.866	+1,238.280
33	+0.02545	+0.00	+0.00	+124,407.42	+53,221.067	+1,238.280
34	+0.02663	+0.00	+0.00	+185,989.28	+55,688.685	+1,238.280
35	+0.02704	+0.00	+0.00	+234,231.41	+56,546.077	+1,238.280
36	+0.02691	+0.00	+0.00	+167,971.38	+56,274.221	+1,238.280
37	+0.02660	+0.00	+0.00	+159,348.77	+55,625.949	+1,238.280
38	+0.02605	+0.00	+0.00	+126,447.90	+54,475.788	+1,238.280
39	+0.02527	+0.00	+0.00	+111,346.03	+52,844.651	+1,238.280
40	+0.02438	+0.00	+0.00	+49,332.11	+50,983.482	+1,238.280
41	+0.02362	+0.00	+0.00	+12,833.89	+49,394.169	+1,238.280
42	+0.02250	+0.00	+0.00	+41,785.47	+47,052.024	+1,238.280

43	+0.02125	+.00	+.00	+80,302.72	+44,438.023	+1,238.280
44	+0.01998	+.00	+.00	+62,840.89	+41,782.198	+1,238.280
45	+0.01870	+.00	+.00	+106,837.47	+39,105.460	+1,238.280
46	+0.01756	+.00	+.00	+223,937.08	+36,721.491	+1,238.280
47	+0.01632	+.00	+.00	+346,094.40	+34,128.402	+30,238.280
48	+0.01571	+.00	+.00	+348,400.89	+32,852.769	+30,238.280

Date: 10/12/2021

Settlement Day:17/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:03

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	+821.127	+0.000	+1,518.660	+299.422	+12,039.122
02	+0.000	+826.414	+0.000	+1,528.439	+301.350	+12,116.643
03	+0.000	+817.955	+0.000	+1,512.793	+298.265	+11,992.609
04	+0.000	+806.322	+0.000	+1,491.279	+294.024	+11,822.061
05	+0.000	+789.403	+0.000	+1,459.987	+287.854	+11,573.991
06	+0.000	+784.644	+0.000	+1,451.186	+286.119	+11,504.222
07	+0.000	+785.173	+0.000	+1,452.163	+286.312	+11,511.974
08	+0.000	+771.426	+0.000	+1,426.738	+281.299	+11,310.417
09	+0.000	+766.667	+0.000	+1,417.937	+279.563	+11,240.648
10	+0.000	+769.311	+0.000	+1,422.827	+280.528	+11,279.409
11	+0.000	+795.748	+0.000	+1,471.721	+290.168	+11,667.017
12	+0.000	+851.265	+0.000	+1,574.399	+310.412	+12,480.995
13	+0.000	+948.024	+0.000	+1,753.353	+345.695	+13,899.643
14	+0.000	+1,039.495	+0.000	+1,922.528	+379.050	+15,240.768
15	+0.000	+1,148.414	+0.000	+2,123.972	+418.767	+16,837.715
16	+0.000	+1,198.644	+0.000	+2,216.872	+437.083	+17,574.172
17	+0.000	+1,237.771	+0.000	+2,289.236	+451.350	+18,147.832
18	+0.000	+1,247.817	+0.000	+2,307.815	+455.014	+18,295.124
19	+0.000	+1,260.507	+0.000	+2,331.285	+459.641	+18,481.176
20	+0.000	+1,254.162	+0.000	+2,319.550	+457.327	+18,388.150
21	+0.000	+1,245.173	+0.000	+2,302.926	+454.050	+18,256.363
22	+0.000	+1,232.483	+0.000	+2,279.457	+449.422	+18,070.311
23	+0.000	+1,222.438	+0.000	+2,260.877	+445.759	+17,923.019
24	+0.000	+1,212.392	+0.000	+2,242.297	+442.096	+17,775.728
25	+0.000	+1,209.219	+0.000	+2,236.430	+440.939	+17,729.215
26	+0.000	+1,206.575	+0.000	+2,231.540	+439.975	+17,690.454
27	+0.000	+1,207.633	+0.000	+2,233.496	+440.361	+17,705.959
28	+0.000	+1,204.989	+0.000	+2,228.606	+439.397	+17,667.198
29	+0.000	+1,207.633	+0.000	+2,233.496	+440.361	+17,705.959
30	+0.000	+1,216.621	+0.000	+2,250.120	+443.638	+17,837.745
31	+0.000	+1,249.403	+0.000	+2,310.749	+455.592	+18,318.380
32	+0.000	+1,292.759	+0.000	+2,390.936	+471.402	+18,954.058
33	+0.000	+1,345.633	+0.000	+2,488.725	+490.682	+19,729.275
34	+0.000	+1,408.024	+0.000	+2,604.115	+513.433	+20,644.031
35	+0.000	+1,429.702	+0.000	+2,644.209	+521.338	+20,961.870
36	+0.000	+1,422.828	+0.000	+2,631.496	+518.831	+20,861.092
37	+0.000	+1,406.438	+0.000	+2,601.182	+512.854	+20,620.775
38	+0.000	+1,377.357	+0.000	+2,547.398	+502.250	+20,194.405
39	+0.000	+1,336.116	+0.000	+2,471.123	+487.212	+19,589.736
40	+0.000	+1,289.058	+0.000	+2,384.091	+470.052	+18,899.793
41	+0.000	+1,248.874	+0.000	+2,309.771	+455.399	+18,310.628
42	+0.000	+1,189.656	+0.000	+2,200.248	+433.805	+17,442.385

43	+.000	+1,123.564	+.000	+2,078.012	+409.705	+16,473.363
44	+.000	+1,056.414	+.000	+1,953.820	+385.219	+15,488.838
45	+.000	+988.736	+.000	+1,828.650	+360.541	+14,496.560
46	+.000	+928.460	+.000	+1,717.171	+338.561	+13,612.812
47	+.000	+862.897	+.000	+1,595.913	+314.654	+12,651.543
48	+.000	+830.644	+.000	+1,536.262	+302.893	+12,178.661

Date: 10/12/2021

Settlement Day:17/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:03

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	+57.099	+850.959	+3,344.094	+.000
02	+.000	+.000	+57.467	+856.438	+3,365.627	+.000
03	+.000	+.000	+56.879	+847.671	+3,331.174	+.000
04	+.000	+.000	+56.070	+835.616	+3,283.801	+.000
05	+.000	+.000	+54.893	+818.082	+3,214.895	+.000
06	+.000	+.000	+54.562	+813.151	+3,195.515	+.000
07	+.000	+.000	+54.599	+813.699	+3,197.668	+.000
08	+.000	+.000	+53.643	+799.452	+3,141.682	+.000
09	+.000	+.000	+53.312	+794.521	+3,122.303	+.000
10	+.000	+.000	+53.496	+797.260	+3,133.069	+.000
11	+.000	+.000	+55.334	+824.658	+3,240.735	+.000
12	+.000	+.000	+59.195	+882.192	+3,466.832	+.000
13	+.000	+.000	+65.923	+982.466	+3,860.889	+.000
14	+.000	+.000	+72.284	+1,077.260	+4,233.412	+.000
15	+.000	+.000	+79.858	+1,190.137	+4,676.994	+.000
16	+.000	+.000	+83.351	+1,242.192	+4,881.559	+.000
17	+.000	+.000	+86.072	+1,282.740	+5,040.904	+.000
18	+.000	+.000	+86.770	+1,293.151	+5,081.817	+.000
19	+.000	+.000	+87.653	+1,306.301	+5,133.496	+.000
20	+.000	+.000	+87.212	+1,299.726	+5,107.656	+.000
21	+.000	+.000	+86.587	+1,290.411	+5,071.050	+.000
22	+.000	+.000	+85.704	+1,277.260	+5,019.371	+.000
23	+.000	+.000	+85.006	+1,266.849	+4,978.458	+.000
24	+.000	+.000	+84.307	+1,256.438	+4,937.545	+.000
25	+.000	+.000	+84.086	+1,253.151	+4,924.625	+.000
26	+.000	+.000	+83.903	+1,250.411	+4,913.858	+.000
27	+.000	+.000	+83.976	+1,251.507	+4,918.165	+.000
28	+.000	+.000	+83.792	+1,248.767	+4,907.398	+.000
29	+.000	+.000	+83.976	+1,251.507	+4,918.165	+.000
30	+.000	+.000	+84.601	+1,260.822	+4,954.771	+.000
31	+.000	+.000	+86.881	+1,294.795	+5,088.276	+.000
32	+.000	+.000	+89.896	+1,339.726	+5,264.848	+.000
33	+.000	+.000	+93.572	+1,394.521	+5,480.179	+.000
34	+.000	+.000	+97.911	+1,459.178	+5,734.270	+.000
35	+.000	+.000	+99.418	+1,481.644	+5,822.556	+.000
36	+.000	+.000	+98.940	+1,474.521	+5,794.563	+.000
37	+.000	+.000	+97.800	+1,457.534	+5,727.810	+.000
38	+.000	+.000	+95.778	+1,427.397	+5,609.378	+.000
39	+.000	+.000	+92.910	+1,384.658	+5,441.420	+.000
40	+.000	+.000	+89.638	+1,335.890	+5,249.775	+.000
41	+.000	+.000	+86.844	+1,294.247	+5,086.123	+.000
42	+.000	+.000	+82.726	+1,232.877	+4,844.952	+.000



43	+.000	+.000	+78.130	+1,164.384	+4,575.788	+.000
44	+.000	+.000	+73.461	+1,094.795	+4,302.318	+.000
45	+.000	+.000	+68.754	+1,024.658	+4,026.694	+.000
46	+.000	+.000	+64.563	+962.192	+3,781.216	+.000
47	+.000	+.000	+60.004	+894.247	+3,514.205	+.000
48	+.000	+.000	+57.761	+860.822	+3,382.853	+.000

Date: 10/12/2021

Settlement Day:17/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:03

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	+414,167.835
02	+ .000	+405,873.211
03	+ .000	+423,403.555
04	+ .000	+380,478.009
05	+ .000	+375,813.487
06	+ .000	+424,769.323
07	+ .000	+453,999.444
08	+ .000	+361,944.122
09	+ .000	+362,400.407
10	+ .000	+369,144.385
11	+ .000	+339,512.012
12	+ .000	+292,218.883
13	+ .000	+345,763.867
14	+ .000	+336,840.719
15	+ .000	+266,536.926
16	+ .000	+295,339.281
17	+ .000	+231,896.421
18	+ .000	+222,832.643
19	+ .000	+220,383.672
20	+ .000	+202,166.302
21	+ .000	+239,578.564
22	+ .000	+215,309.305
23	+ .000	+214,720.634
24	+ .000	+178,754.183
25	+ .000	+181,351.103
26	+ .000	+196,680.855
27	+ .000	+154,752.268
28	+ .000	+158,086.180
29	+ .000	+145,705.908
30	+ .000	+148,283.146
31	+ .000	+183,502.357
32	+ .000	+241,741.931
33	+ .000	+209,889.355
34	+ .000	+275,377.207
35	+ .000	+324,976.504
36	+ .000	+258,286.153
37	+ .000	+248,637.392
38	+ .000	+213,915.932
39	+ .000	+196,232.135
40	+ .000	+131,272.170
41	+ .000	+92,258.226
42	+ .000	+117,502.423

43	+.000	+151,881.969
44	+.000	+130,216.232
45	+.000	+169,975.803
46	+.000	+283,301.827
47	+.000	+430,354.544
48	+.000	+430,641.835