

Date: 10/11/2021

Settlement Day:16/10/2021

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: 199

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,748,250.240	+770,733,841.010
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,699,055.640	+760,600,431.230
Balancing Services Contract Cost	+2,095,392.044	+359,150,700.704
Balancing Services Cost Variable	+445,181.440	-23,849,792.024
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	+97,018.720	+20,809,488.995
Black Start Other Costs	+0.000	+236,234.720
System Operator Internal Costs	+775,217.100	+154,268,202.900
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+731,665.290
ESO Incentive Recovery t-1	+54,794.520	+10,904,109.480
ALoMCP Recovery	+182,218.628	+2,915,498.048
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+154,268,202.900
Total External Costs	+4,577,337.702	+1,138,797,386.359
Total Adjusted Energy Volume (MWh)	+1,268,972.555	

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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	+22,203.764	+151,667.190	+6.83070
02	+21,656.649	+118,743.394	+5.48300
03	+21,244.999	+80,880.719	+3.80705
04	+21,353.307	+79,359.437	+3.71649
05	+21,072.301	+105,135.707	+4.98928
06	+20,633.140	+92,638.566	+4.48979
07	+20,417.184	+83,227.602	+4.07635
08	+20,229.425	+98,577.784	+4.87299
09	+20,051.725	+105,250.260	+5.24894
10	+19,953.760	+70,408.545	+3.52859
11	+20,146.048	+40,338.465	+2.00230
12	+20,648.313	+70,408.489	+3.40989
13	+21,983.277	+84,779.933	+3.85656
14	+23,166.160	+97,791.652	+4.22131
15	+24,844.232	+140,888.061	+5.67086
16	+26,099.206	+126,769.916	+4.85723
17	+27,794.781	+123,680.828	+4.44979
18	+28,832.969	+158,738.119	+5.50544
19	+29,489.725	+142,977.644	+4.84839
20	+29,875.105	+137,228.869	+4.59342
21	+30,176.946	+151,940.805	+5.03500
22	+30,106.436	+126,821.930	+4.21245
23	+29,962.786	+99,986.501	+3.33702
24	+29,664.800	+56,194.578	+1.89432
25	+29,520.400	+75,231.050	+2.54844
26	+29,248.848	+110,387.624	+3.77408
27	+28,683.827	+87,482.431	+3.04989
28	+28,133.266	+65,109.674	+2.31433
29	+27,741.159	+85,082.315	+3.06701
30	+27,632.631	+60,581.840	+2.19240
31	+27,769.451	+60,241.212	+2.16933
32	+27,938.528	+98,701.816	+3.53282
33	+28,799.253	+116,144.669	+4.03291
34	+29,784.865	+141,845.667	+4.76234
35	+30,825.112	+72,301.697	+2.34555
36	+31,684.092	+115,689.944	+3.65136
37	+32,565.627	+136,030.333	+4.17711
38	+32,867.505	+133,818.019	+4.07144
39	+32,224.837	+115,331.707	+3.57897
40	+31,303.530	+101,659.358	+3.24754
41	+30,241.940	+98,536.761	+3.25828
42	+29,413.725	+124,483.025	+4.23214

43	+28,307.351	+125,097.308	+4.41925
44	+27,041.090	+162,406.721	+6.00592
45	+26,206.139	+202,212.461	+7.71622
46	+24,852.957	+114,933.314	+4.62453
47	+22,929.310	+191,375.551	+8.34633
48	+21,650.074	+213,435.310	+9.85841

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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	+0.01750	+74,913.32	+0.00	+72,987.35	+36,669.361	+22,534.280
02	+0.01707	+41,917.91	+0.00	+41,443.13	+35,768.342	+22,534.280
03	+0.01674	+5,335.87	+0.00	+4,639.20	+35,076.863	+22,534.280
04	+0.01683	+3,422.20	+0.00	+2,829.17	+35,265.448	+22,534.280
05	+0.01661	+30,358.41	+0.00	+29,311.27	+34,804.462	+22,534.280
06	+0.01626	+18,576.28	+0.00	+17,937.04	+34,071.075	+22,534.280
07	+0.01609	+9,222.85	+0.00	+9,071.49	+33,714.858	+22,534.280
08	+0.01594	+25,473.86	+0.00	+24,902.92	+33,400.549	+22,534.280
09	+0.01580	+33,142.18	+0.00	+32,024.56	+33,107.194	+22,534.280
10	+0.01572	-2,521.61	+0.00	-2,560.49	+32,939.563	+22,534.280
11	+0.01588	-32,984.17	+0.00	-33,143.90	+33,274.826	+22,534.280
12	+0.01627	-4,287.50	+0.00	-4,325.12	+34,092.029	+22,534.280
13	+0.01732	+28,423.08	+0.00	+27,973.59	+36,292.190	+1,238.280
14	+0.01826	+38,053.14	+0.00	+37,969.49	+38,261.859	+1,238.280
15	+0.01958	+78,634.83	+0.00	+76,830.92	+41,027.776	+1,238.280
16	+0.02057	+59,869.29	+0.00	+59,536.54	+43,102.214	+1,238.280
17	+0.02190	+53,717.24	+0.00	+52,180.39	+45,889.086	+1,238.280
18	+0.02272	+85,280.40	+0.00	+84,606.86	+47,607.307	+1,238.280
19	+0.02324	+67,516.74	+0.00	+67,178.06	+48,696.911	+1,238.280
20	+0.02354	+61,347.04	+0.00	+60,466.79	+49,325.529	+1,238.280
21	+0.02378	+74,770.09	+0.00	+74,408.73	+49,828.423	+1,238.280
22	+0.02373	+49,739.38	+0.00	+49,450.27	+49,723.653	+1,238.280
23	+0.02361	+23,962.67	+0.00	+22,999.84	+49,472.206	+1,238.280
24	+0.02338	-20,033.89	+0.00	-20,054.17	+48,990.266	+1,238.280
25	+0.02326	-238.35	+0.00	-632.70	+48,738.819	+1,238.280
26	+0.02305	+35,348.46	+0.00	+35,197.62	+48,298.787	+1,238.280
27	+0.02260	+13,877.02	+0.00	+13,736.17	+47,355.860	+1,238.280
28	+0.02217	-7,115.12	+0.00	-7,257.01	+46,454.842	+1,238.280
29	+0.02186	+13,809.01	+0.00	+13,710.21	+45,805.270	+1,238.280
30	+0.02178	-10,523.01	+0.00	-10,533.60	+45,637.639	+1,238.280
31	+0.02188	-10,288.39	+0.00	-11,195.06	+45,847.178	+1,238.280
32	+0.02202	+27,737.69	+0.00	+26,816.38	+46,140.533	+1,238.280
33	+0.02269	+43,220.64	+0.00	+42,109.66	+47,544.445	+1,238.280
34	+0.02347	+69,061.19	+0.00	+65,308.17	+49,178.851	+1,238.280
35	+0.02429	-5,389.74	+0.00	-6,866.62	+50,897.073	+1,238.280
36	+0.02497	+37,424.91	+0.00	+34,339.97	+52,321.939	+1,238.280
37	+0.02566	+54,132.22	+0.00	+52,466.62	+53,767.760	+1,238.280
38	+0.02590	+54,121.60	+0.00	+49,484.31	+54,270.654	+1,238.280
39	+0.02539	+35,227.68	+0.00	+32,634.24	+53,202.004	+1,238.280
40	+0.02467	+21,563.93	+0.00	+21,271.88	+51,693.322	+1,238.280
41	+0.02383	+23,204.34	+0.00	+20,844.27	+49,933.192	+1,238.280
42	+0.02318	+49,823.46	+0.00	+48,875.94	+48,571.188	+1,238.280

43	+0.02231	+53,040.64	+ .00	+52,281.46	+46,748.197	+1,238.280
44	+0.02131	+93,825.41	+ .00	+92,799.19	+44,652.804	+1,238.280
45	+0.02065	+134,893.34	+ .00	+134,722.42	+43,269.846	+1,238.280
46	+0.01959	+53,205.57	+ .00	+50,844.09	+41,048.730	+1,238.280
47	+0.01807	+69,660.25	+ .00	+67,066.97	+37,863.734	+66,334.280
48	+0.01706	+94,777.88	+ .00	+92,367.13	+35,747.388	+66,334.280

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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	+0.000	+0.000	+1,697.828	+0.000	+13,566.299
02	+0.000	+0.000	+0.000	+1,656.110	+0.000	+13,232.956
03	+0.000	+0.000	+0.000	+1,624.093	+0.000	+12,977.134
04	+0.000	+0.000	+0.000	+1,632.825	+0.000	+13,046.904
05	+0.000	+0.000	+0.000	+1,611.481	+0.000	+12,876.356
06	+0.000	+0.000	+0.000	+1,577.524	+0.000	+12,605.030
07	+0.000	+0.000	+0.000	+1,561.031	+0.000	+12,473.243
08	+0.000	+0.000	+0.000	+1,546.478	+0.000	+12,356.961
09	+0.000	+0.000	+0.000	+1,532.896	+0.000	+12,248.430
10	+0.000	+0.000	+0.000	+1,525.134	+0.000	+12,186.413
11	+0.000	+0.000	+0.000	+1,540.657	+0.000	+12,310.448
12	+0.000	+0.000	+0.000	+1,578.495	+0.000	+12,612.782
13	+0.000	+0.000	+0.000	+1,680.364	+0.000	+13,426.760
14	+0.000	+0.000	+0.000	+1,771.562	+0.000	+14,155.464
15	+0.000	+0.000	+0.000	+1,899.627	+0.000	+15,178.751
16	+0.000	+0.000	+0.000	+1,995.675	+0.000	+15,946.216
17	+0.000	+0.000	+0.000	+2,124.710	+0.000	+16,977.254
18	+0.000	+0.000	+0.000	+2,204.265	+0.000	+17,612.933
19	+0.000	+0.000	+0.000	+2,254.715	+0.000	+18,016.045
20	+0.000	+0.000	+0.000	+2,283.821	+0.000	+18,248.611
21	+0.000	+0.000	+0.000	+2,307.105	+0.000	+18,434.663
22	+0.000	+0.000	+0.000	+2,302.254	+0.000	+18,395.902
23	+0.000	+0.000	+0.000	+2,290.612	+0.000	+18,302.876
24	+0.000	+0.000	+0.000	+2,268.298	+0.000	+18,124.576
25	+0.000	+0.000	+0.000	+2,256.655	+0.000	+18,031.550
26	+0.000	+0.000	+0.000	+2,236.281	+0.000	+17,868.754
27	+0.000	+0.000	+0.000	+2,192.623	+0.000	+17,519.906
28	+0.000	+0.000	+0.000	+2,150.905	+0.000	+17,186.563
29	+0.000	+0.000	+0.000	+2,120.829	+0.000	+16,946.246
30	+0.000	+0.000	+0.000	+2,113.068	+0.000	+16,884.228
31	+0.000	+0.000	+0.000	+2,122.770	+0.000	+16,961.750
32	+0.000	+0.000	+0.000	+2,136.352	+0.000	+17,070.281
33	+0.000	+0.000	+0.000	+2,201.355	+0.000	+17,589.676
34	+0.000	+0.000	+0.000	+2,277.029	+0.000	+18,194.345
35	+0.000	+0.000	+0.000	+2,356.585	+0.000	+18,830.023
36	+0.000	+0.000	+0.000	+2,422.557	+0.000	+19,357.171
37	+0.000	+0.000	+0.000	+2,489.500	+0.000	+19,892.071
38	+0.000	+0.000	+0.000	+2,512.785	+0.000	+20,078.123
39	+0.000	+0.000	+0.000	+2,463.305	+0.000	+19,682.762
40	+0.000	+0.000	+0.000	+2,393.452	+0.000	+19,124.606
41	+0.000	+0.000	+0.000	+2,311.956	+0.000	+18,473.423
42	+0.000	+0.000	+0.000	+2,248.894	+0.000	+17,969.532

43	+.000	+.000	+.000	+2,164.488	+.000	+17,295.094
44	+.000	+.000	+.000	+2,067.469	+.000	+16,519.876
45	+.000	+.000	+.000	+2,003.437	+.000	+16,008.233
46	+.000	+.000	+.000	+1,900.597	+.000	+15,186.503
47	+.000	+.000	+.000	+1,753.128	+.000	+14,008.173
48	+.000	+.000	+.000	+1,655.139	+.000	+13,225.204

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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	+64.342	+958.904	+3,188.826	+.000
02	+.000	+.000	+62.761	+935.342	+3,110.472	+.000
03	+.000	+.000	+61.548	+917.260	+3,050.340	+.000
04	+.000	+.000	+61.879	+922.192	+3,066.740	+.000
05	+.000	+.000	+61.070	+910.137	+3,026.651	+.000
06	+.000	+.000	+59.783	+890.959	+2,962.875	+.000
07	+.000	+.000	+59.158	+881.644	+2,931.898	+.000
08	+.000	+.000	+58.607	+873.425	+2,904.565	+.000
09	+.000	+.000	+58.092	+865.753	+2,879.054	+.000
10	+.000	+.000	+57.798	+861.370	+2,864.477	+.000
11	+.000	+.000	+58.386	+870.137	+2,893.632	+.000
12	+.000	+.000	+59.820	+891.507	+2,964.697	+.000
13	+.000	+.000	+63.681	+949.041	+3,156.027	+.000
14	+.000	+.000	+67.137	+1,000.548	+3,327.312	+.000
15	+.000	+.000	+71.990	+1,072.877	+3,567.841	+.000
16	+.000	+.000	+75.630	+1,127.123	+3,748.237	+.000
17	+.000	+.000	+80.520	+1,200.000	+3,990.588	+.000
18	+.000	+.000	+83.535	+1,244.931	+4,140.007	+.000
19	+.000	+.000	+85.447	+1,273.425	+4,234.761	+.000
20	+.000	+.000	+86.550	+1,289.863	+4,289.427	+.000
21	+.000	+.000	+87.432	+1,303.014	+4,333.159	+.000
22	+.000	+.000	+87.248	+1,300.274	+4,324.048	+.000
23	+.000	+.000	+86.807	+1,293.699	+4,302.182	+.000
24	+.000	+.000	+85.961	+1,281.096	+4,260.272	+.000
25	+.000	+.000	+85.520	+1,274.521	+4,238.405	+.000
26	+.000	+.000	+84.748	+1,263.014	+4,200.139	+.000
27	+.000	+.000	+83.094	+1,238.356	+4,118.141	+.000
28	+.000	+.000	+81.513	+1,214.795	+4,039.787	+.000
29	+.000	+.000	+80.373	+1,197.808	+3,983.299	+.000
30	+.000	+.000	+80.079	+1,193.425	+3,968.722	+.000
31	+.000	+.000	+80.446	+1,198.904	+3,986.944	+.000
32	+.000	+.000	+80.961	+1,206.575	+4,012.454	+.000
33	+.000	+.000	+83.425	+1,243.288	+4,134.541	+.000
34	+.000	+.000	+86.292	+1,286.027	+4,276.671	+.000
35	+.000	+.000	+89.307	+1,330.959	+4,426.090	+.000
36	+.000	+.000	+91.807	+1,368.219	+4,549.999	+.000
37	+.000	+.000	+94.344	+1,406.027	+4,675.730	+.000
38	+.000	+.000	+95.227	+1,419.178	+4,719.462	+.000
39	+.000	+.000	+93.352	+1,391.233	+4,626.531	+.000
40	+.000	+.000	+90.704	+1,351.781	+4,495.334	+.000
41	+.000	+.000	+87.616	+1,305.753	+4,342.270	+.000
42	+.000	+.000	+85.226	+1,270.137	+4,223.828	+.000



43	+.000	+.000	+82.027	+1,222.466	+4,065.298	+.000
44	+.000	+.000	+78.351	+1,167.671	+3,883.079	+.000
45	+.000	+.000	+75.924	+1,131.507	+3,762.815	+.000
46	+.000	+.000	+72.027	+1,073.425	+3,569.663	+.000
47	+.000	+.000	+66.438	+990.137	+3,292.691	+.000
48	+.000	+.000	+62.725	+934.795	+3,108.650	+.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	+151,667.190
02	+ .000	+118,743.394
03	+ .000	+80,880.719
04	+ .000	+79,359.437
05	+ .000	+105,135.707
06	+ .000	+92,638.566
07	+ .000	+83,227.602
08	+ .000	+98,577.784
09	+ .000	+105,250.260
10	+ .000	+70,408.545
11	+ .000	+40,338.465
12	+ .000	+70,408.489
13	+ .000	+84,779.933
14	+ .000	+97,791.652
15	+ .000	+140,888.061
16	+ .000	+126,769.916
17	+ .000	+123,680.828
18	+ .000	+158,738.119
19	+ .000	+142,977.644
20	+ .000	+137,228.869
21	+ .000	+151,940.805
22	+ .000	+126,821.930
23	+ .000	+99,986.501
24	+ .000	+56,194.578
25	+ .000	+75,231.050
26	+ .000	+110,387.624
27	+ .000	+87,482.431
28	+ .000	+65,109.674
29	+ .000	+85,082.315
30	+ .000	+60,581.840
31	+ .000	+60,241.212
32	+ .000	+98,701.816
33	+ .000	+116,144.669
34	+ .000	+141,845.667
35	+ .000	+72,301.697
36	+ .000	+115,689.944
37	+ .000	+136,030.333
38	+ .000	+133,818.019
39	+ .000	+115,331.707
40	+ .000	+101,659.358
41	+ .000	+98,536.761
42	+ .000	+124,483.025

43	+ .000	+125,097.308
44	+ .000	+162,406.721
45	+ .000	+202,212.461
46	+ .000	+114,933.314
47	+ .000	+191,375.551
48	+ .000	+213,435.310