

Date: 22/11/2021

Settlement Day:13/11/2021

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: 227

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,591,976.730	+1,053,302,224.510
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,517,958.180	+1,037,592,490.630
Balancing Services Contract Cost	+2,130,242.600	+425,202,758.120
Balancing Services Cost Variable	-18,239.200	+11,165,448.740
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+141,963.130	+11,250,697.600
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+123,538.840	+26,392,567.650
Black Start Other Costs	+4,255.430	+55,320.590
System Operator Internal Costs	+775,217.100	+175,974,281.700
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+753,725.550
ESO Incentive Recovery t-1	+54,794.520	+13,432,876.600
ALoMCP Recovery	+215,331.210	+645,993.630
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+175,974,281.700
Total External Costs	+6,173,521.420	+1,526,540,083.170
Total Adjusted Energy Volume (MWh)	+1,353,919.752	

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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	+23,284.963	+167,737.036	+7.20366
02	+23,478.151	+192,784.979	+8.21125
03	+22,906.626	+183,143.316	+7.99521
04	+22,360.868	+174,751.958	+7.81508
05	+22,133.303	+201,328.179	+9.09617
06	+21,818.515	+212,799.845	+9.75318
07	+21,710.669	+251,950.183	+11.60490
08	+21,507.046	+214,769.460	+9.98600
09	+21,268.516	+224,579.842	+10.55926
10	+21,221.327	+241,301.561	+11.37071
11	+21,146.118	+134,636.215	+6.36695
12	+21,358.644	+145,299.058	+6.80282
13	+22,307.628	+191,471.492	+8.58323
14	+23,431.643	+185,975.648	+7.93694
15	+25,282.139	+154,599.775	+6.11498
16	+26,536.070	+153,358.433	+5.77924
17	+28,535.156	+132,259.442	+4.63496
18	+29,721.396	+178,773.399	+6.01497
19	+30,555.123	+209,432.811	+6.85426
20	+30,949.725	+207,474.567	+6.70360
21	+30,859.555	+137,214.635	+4.44642
22	+30,983.920	+113,909.007	+3.67639
23	+31,253.799	+117,517.751	+3.76011
24	+31,418.376	+115,656.134	+3.68116
25	+31,399.626	+88,315.623	+2.81263
26	+31,552.994	+74,523.815	+2.36186
27	+31,625.204	+80,425.626	+2.54309
28	+31,341.053	+98,400.872	+3.13968
29	+31,227.648	+93,856.181	+3.00555
30	+31,414.659	+118,283.663	+3.76524
31	+31,741.790	+99,448.128	+3.13303
32	+32,263.949	+106,854.236	+3.31188
33	+33,348.960	+105,988.831	+3.17818
34	+34,753.031	+178,165.442	+5.12662
35	+35,821.035	+157,382.527	+4.39358
36	+35,804.326	+131,009.837	+3.65905
37	+35,355.827	+123,058.550	+3.48057
38	+34,656.812	+164,489.880	+4.74625
39	+33,690.673	+163,076.496	+4.84040
40	+32,832.411	+123,477.584	+3.76084
41	+31,883.286	+152,555.590	+4.78481
42	+30,764.034	+109,524.524	+3.56015

43	+29,480.268	+103,980.395	+3.52712
44	+28,232.549	+98,481.727	+3.48823
45	+26,859.577	+56,443.038	+2.10141
46	+25,520.027	+66,184.808	+2.59345
47	+23,582.271	+107,649.940	+4.56487
48	+22,738.466	+104,436.478	+4.59294

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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	+0.01720	+129,680.95	+0.00	+129,262.04	+36,640.173	-20,848.140
02	+0.01734	+153,864.02	+0.00	+153,827.12	+36,938.407	-20,848.140
03	+0.01692	+152,274.10	+0.00	+152,260.58	+36,043.705	-27,474.675
04	+0.01652	+145,534.55	+0.00	+145,248.83	+35,191.608	-27,474.675
05	+0.01635	+165,113.47	+0.00	+165,019.03	+34,829.467	-20,082.320
06	+0.01612	+177,306.81	+0.00	+177,283.97	+34,339.511	-20,082.320
07	+0.01604	+223,296.90	+0.00	+223,176.90	+34,169.091	-26,548.990
08	+0.01589	+186,732.73	+0.00	+186,513.53	+33,849.555	-26,548.990
09	+0.01571	+183,750.76	+0.00	+183,708.84	+33,466.111	-13,313.095
10	+0.01567	+200,916.55	+0.00	+200,568.52	+33,380.902	-13,313.095
11	+0.01562	+111,168.93	+0.00	+110,631.50	+33,274.389	-29,868.970
12	+0.01578	+121,565.37	+0.00	+120,742.50	+33,615.228	-29,868.970
13	+0.01648	+113,206.88	+0.00	+112,507.07	+35,106.398	+22,124.580
14	+0.01731	+104,821.49	+0.00	+104,148.54	+36,874.499	+22,124.580
15	+0.01867	+67,033.18	+0.00	+66,468.30	+39,771.629	+23,738.280
16	+0.01960	+62,156.76	+0.00	+62,019.37	+41,752.755	+23,738.280
17	+0.02108	+58,575.72	+0.00	+58,315.83	+44,905.514	+1,238.280
18	+0.02195	+102,060.18	+0.00	+101,829.14	+46,758.825	+1,238.280
19	+0.02257	+130,435.48	+0.00	+130,350.16	+48,079.575	+1,238.280
20	+0.02286	+127,567.32	+0.00	+127,391.70	+48,697.346	+1,238.280
21	+0.02279	+57,812.66	+0.00	+57,373.20	+48,548.229	+1,238.280
22	+0.02288	+35,100.34	+0.00	+33,757.16	+48,739.951	+1,238.280
23	+0.02308	+37,698.26	+0.00	+36,676.10	+49,165.999	+1,238.280
24	+0.02321	+34,456.50	+0.00	+34,366.11	+49,442.931	+1,238.280
25	+0.02319	+8,099.95	+0.00	+7,094.58	+49,400.326	+1,238.280
26	+0.02330	-6,911.98	+0.00	-7,076.62	+49,634.653	+1,238.280
27	+0.02336	-821.17	+0.00	-1,381.75	+49,762.467	+1,238.280
28	+0.02315	+17,505.17	+0.00	+17,317.79	+49,315.116	+1,238.280
29	+0.02306	+14,256.01	+0.00	+13,083.51	+49,123.394	+1,238.280
30	+0.02320	+38,087.15	+0.00	+37,028.13	+49,421.628	+1,238.280
31	+0.02344	+17,558.33	+0.00	+17,364.83	+49,932.887	+1,238.280
32	+0.02383	+24,008.32	+0.00	+23,425.82	+50,763.681	+1,238.280
33	+0.02463	+20,577.09	+0.00	+19,801.20	+52,467.875	+1,238.280
34	+0.02567	+96,285.73	+0.00	+88,390.83	+54,683.328	+1,238.280
35	+0.02646	+81,497.71	+0.00	+64,883.19	+56,366.219	+1,238.280
36	+0.02644	+55,530.93	+0.00	+38,579.48	+56,323.614	+1,238.280
37	+0.02611	+46,545.80	+0.00	+31,766.37	+55,620.634	+1,238.280
38	+0.02560	+75,358.47	+0.00	+74,956.70	+54,534.211	+1,238.280
39	+0.02488	+76,363.68	+0.00	+76,026.61	+53,000.436	+1,238.280
40	+0.02425	+38,889.52	+0.00	+38,600.58	+51,658.383	+1,238.280
41	+0.02355	+70,288.63	+0.00	+70,092.90	+50,167.213	+1,238.280
42	+0.02272	+30,211.55	+0.00	+29,924.52	+48,399.112	+1,238.280

43	+0.02177	+28,116.15	+ .00	+27,656.96	+46,375.381	+1,238.280
44	+0.02085	+25,728.17	+ .00	+25,331.39	+44,415.558	+1,238.280
45	+0.01984	-13,175.44	+ .00	-13,223.79	+42,264.013	+1,238.280
46	+0.01885	+66.87	+ .00	-67.49	+40,155.073	+1,238.280
47	+0.01742	-16,523.24	+ .00	-17,011.51	+37,108.826	+64,579.530
48	+0.01679	-17,696.58	+ .00	-18,052.09	+35,766.773	+64,579.530

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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	+2,441.766	+0.000	+2,124.868	+73.193	+13,333.734
02	+0.000	+2,461.641	+0.000	+2,142.163	+73.789	+13,442.265
03	+0.000	+2,402.016	+0.000	+2,090.277	+72.002	+13,116.673
04	+0.000	+2,345.231	+0.000	+2,040.862	+70.300	+12,806.586
05	+0.000	+2,321.097	+0.000	+2,019.860	+69.576	+12,674.800
06	+0.000	+2,288.446	+0.000	+1,991.446	+68.598	+12,496.500
07	+0.000	+2,277.089	+0.000	+1,981.563	+68.257	+12,434.482
08	+0.000	+2,255.794	+0.000	+1,963.032	+67.619	+12,318.200
09	+0.000	+2,230.241	+0.000	+1,940.795	+66.853	+12,178.661
10	+0.000	+2,224.562	+0.000	+1,935.854	+66.683	+12,147.652
11	+0.000	+2,217.464	+0.000	+1,929.677	+66.470	+12,108.891
12	+0.000	+2,240.178	+0.000	+1,949.443	+67.151	+12,232.926
13	+0.000	+2,339.552	+0.000	+2,035.920	+70.129	+12,775.578
14	+0.000	+2,457.382	+0.000	+2,138.457	+73.661	+13,419.008
15	+0.000	+2,650.452	+0.000	+2,306.470	+79.449	+14,473.303
16	+0.000	+2,782.477	+0.000	+2,421.361	+83.406	+15,194.255
17	+0.000	+2,992.583	+0.000	+2,604.199	+89.704	+16,341.576
18	+0.000	+3,116.091	+0.000	+2,711.678	+93.407	+17,016.015
19	+0.000	+3,204.108	+0.000	+2,788.272	+96.045	+17,496.650
20	+0.000	+3,245.277	+0.000	+2,824.098	+97.279	+17,721.463
21	+0.000	+3,235.340	+0.000	+2,815.450	+96.981	+17,667.198
22	+0.000	+3,248.116	+0.000	+2,826.569	+97.364	+17,736.967
23	+0.000	+3,276.509	+0.000	+2,851.276	+98.215	+17,892.011
24	+0.000	+3,294.964	+0.000	+2,867.336	+98.769	+17,992.789
25	+0.000	+3,292.125	+0.000	+2,864.866	+98.683	+17,977.285
26	+0.000	+3,307.741	+0.000	+2,878.455	+99.152	+18,062.558
27	+0.000	+3,316.259	+0.000	+2,885.867	+99.407	+18,109.071
28	+0.000	+3,286.446	+0.000	+2,859.924	+98.513	+17,946.276
29	+0.000	+3,273.670	+0.000	+2,848.806	+98.130	+17,876.506
30	+0.000	+3,293.545	+0.000	+2,866.101	+98.726	+17,985.037
31	+0.000	+3,327.616	+0.000	+2,895.750	+99.747	+18,171.089
32	+0.000	+3,382.981	+0.000	+2,943.931	+101.407	+18,473.423
33	+0.000	+3,496.552	+0.000	+3,042.762	+104.811	+19,093.597
34	+0.000	+3,644.194	+0.000	+3,171.242	+109.237	+19,899.823
35	+0.000	+3,756.344	+0.000	+3,268.838	+112.599	+20,512.244
36	+0.000	+3,753.505	+0.000	+3,266.367	+112.514	+20,496.740
37	+0.000	+3,706.657	+0.000	+3,225.599	+111.109	+20,240.918
38	+0.000	+3,634.256	+0.000	+3,162.594	+108.939	+19,845.558
39	+0.000	+3,532.043	+0.000	+3,073.646	+105.875	+19,287.401
40	+0.000	+3,442.606	+0.000	+2,995.817	+103.194	+18,799.015
41	+0.000	+3,343.232	+0.000	+2,909.340	+100.215	+18,256.363
42	+0.000	+3,225.402	+0.000	+2,806.802	+96.683	+17,612.933

43	+.000	+3,090.537	+.000	+2,689.441	+92.641	+16,876.476
44	+.000	+2,959.931	+.000	+2,575.785	+88.726	+16,163.277
45	+.000	+2,816.548	+.000	+2,451.011	+84.428	+15,380.307
46	+.000	+2,676.005	+.000	+2,328.707	+80.215	+14,612.842
47	+.000	+2,472.998	+.000	+2,152.047	+74.130	+13,504.282
48	+.000	+2,383.561	+.000	+2,074.217	+71.449	+13,015.895

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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	+63.239	+942.466	+3,703.697	+.000
02	+.000	+.000	+63.754	+950.137	+3,733.843	+.000
03	+.000	+.000	+62.210	+927.123	+3,643.404	+.000
04	+.000	+.000	+60.739	+905.205	+3,557.272	+.000
05	+.000	+.000	+60.114	+895.890	+3,520.665	+.000
06	+.000	+.000	+59.269	+883.288	+3,471.139	+.000
07	+.000	+.000	+58.974	+878.904	+3,453.913	+.000
08	+.000	+.000	+58.423	+870.685	+3,421.613	+.000
09	+.000	+.000	+57.761	+860.822	+3,382.853	+.000
10	+.000	+.000	+57.614	+858.630	+3,374.240	+.000
11	+.000	+.000	+57.430	+855.890	+3,363.474	+.000
12	+.000	+.000	+58.018	+864.658	+3,397.926	+.000
13	+.000	+.000	+60.592	+903.014	+3,548.658	+.000
14	+.000	+.000	+63.644	+948.493	+3,727.383	+.000
15	+.000	+.000	+68.644	+1,023.014	+4,020.234	+.000
16	+.000	+.000	+72.064	+1,073.973	+4,220.492	+.000
17	+.000	+.000	+77.505	+1,155.068	+4,539.182	+.000
18	+.000	+.000	+80.704	+1,202.740	+4,726.520	+.000
19	+.000	+.000	+82.983	+1,236.712	+4,860.025	+.000
20	+.000	+.000	+84.050	+1,252.603	+4,922.471	+.000
21	+.000	+.000	+83.792	+1,248.767	+4,907.398	+.000
22	+.000	+.000	+84.123	+1,253.699	+4,926.778	+.000
23	+.000	+.000	+84.858	+1,264.658	+4,969.844	+.000
24	+.000	+.000	+85.336	+1,271.781	+4,997.837	+.000
25	+.000	+.000	+85.263	+1,270.685	+4,993.531	+.000
26	+.000	+.000	+85.667	+1,276.712	+5,017.217	+.000
27	+.000	+.000	+85.888	+1,280.000	+5,030.137	+.000
28	+.000	+.000	+85.116	+1,268.493	+4,984.918	+.000
29	+.000	+.000	+84.785	+1,263.562	+4,965.538	+.000
30	+.000	+.000	+85.300	+1,271.233	+4,995.684	+.000
31	+.000	+.000	+86.182	+1,284.384	+5,047.364	+.000
32	+.000	+.000	+87.616	+1,305.753	+5,131.343	+.000
33	+.000	+.000	+90.557	+1,349.589	+5,303.608	+.000
34	+.000	+.000	+94.381	+1,406.575	+5,527.552	+.000
35	+.000	+.000	+97.286	+1,449.863	+5,697.664	+.000
36	+.000	+.000	+97.212	+1,448.767	+5,693.357	+.000
37	+.000	+.000	+95.999	+1,430.685	+5,622.298	+.000
38	+.000	+.000	+94.124	+1,402.740	+5,512.479	+.000
39	+.000	+.000	+91.477	+1,363.288	+5,357.441	+.000
40	+.000	+.000	+89.160	+1,328.767	+5,221.782	+.000
41	+.000	+.000	+86.587	+1,290.411	+5,071.050	+.000
42	+.000	+.000	+83.535	+1,244.931	+4,892.325	+.000

43	+.000	+.000	+80.042	+1,192.877	+4,687.760	+.000
44	+.000	+.000	+76.659	+1,142.466	+4,489.656	+.000
45	+.000	+.000	+72.946	+1,087.123	+4,272.171	+.000
46	+.000	+.000	+69.306	+1,032.877	+4,058.993	+.000
47	+.000	+.000	+64.048	+954.521	+3,751.070	+.000
48	+.000	+.000	+61.732	+920.000	+3,615.411	+.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	+167,737.036
02	+ .000	+192,784.979
03	+ .000	+183,143.316
04	+ .000	+174,751.958
05	+ .000	+201,328.179
06	+ .000	+212,799.845
07	+ .000	+251,950.183
08	+ .000	+214,769.460
09	+ .000	+224,579.842
10	+ .000	+241,301.561
11	+ .000	+134,636.215
12	+ .000	+145,299.058
13	+ .000	+191,471.492
14	+ .000	+185,975.648
15	+ .000	+154,599.775
16	+ .000	+153,358.433
17	+ .000	+132,259.442
18	+ .000	+178,773.399
19	+ .000	+209,432.811
20	+ .000	+207,474.567
21	+ .000	+137,214.635
22	+ .000	+113,909.007
23	+ .000	+117,517.751
24	+ .000	+115,656.134
25	+ .000	+88,315.623
26	+ .000	+74,523.815
27	+ .000	+80,425.626
28	+ .000	+98,400.872
29	+ .000	+93,856.181
30	+ .000	+118,283.663
31	+ .000	+99,448.128
32	+ .000	+106,854.236
33	+ .000	+105,988.831
34	+ .000	+178,165.442
35	+ .000	+157,382.527
36	+ .000	+131,009.837
37	+ .000	+123,058.550
38	+ .000	+164,489.880
39	+ .000	+163,076.496
40	+ .000	+123,477.584
41	+ .000	+152,555.590
42	+ .000	+109,524.524

43	+ .000	+103,980.395
44	+ .000	+98,481.727
45	+ .000	+56,443.038
46	+ .000	+66,184.808
47	+ .000	+107,649.940
48	+ .000	+104,436.478