

Date: 07/12/2021

Settlement Day:25/11/2021

SAA Run Number:02

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 239

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+11,596,498.380	+1,252,460,259.180
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+11,515,818.200	+1,235,345,430.920
Balancing Services Contract Cost	+2,134,888.810	+450,858,187.030
Balancing Services Cost Variable	+1,450,704.870	+38,062,487.820
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+141,963.130	+12,954,255.160
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+118,892.630	+27,782,516.020
Black Start Other Costs	+4,255.430	+106,385.750
System Operator Internal Costs	+775,217.100	+185,276,886.900
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+797,846.070
ALoMCP Recovery	+54,794.520	+14,090,410.840
ESO Incentive t-1 + Trades UR	+215,331.210	+3,229,968.150
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+185,276,886.900
Total External Costs	+15,640,325.510	+1,783,275,691.820
Total Adjusted Energy Volume (MWh)	+1,669,310.799	

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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	+26,266.361	+616,382.517	+23.46661
02	+26,541.879	+621,413.461	+23.41256
03	+26,179.934	+569,704.836	+21.76113
04	+25,741.829	+534,654.281	+20.76986
05	+25,390.672	+483,564.167	+19.04495
06	+25,115.995	+438,887.324	+17.47442
07	+25,156.841	+522,773.434	+20.78057
08	+25,046.813	+515,334.443	+20.57485
09	+25,032.502	+566,768.198	+22.64129
10	+25,246.287	+540,178.660	+21.39636
11	+25,688.819	+456,928.776	+17.78707
12	+26,950.972	+468,044.550	+17.36652
13	+29,359.936	+606,498.659	+20.65736
14	+32,335.501	+487,887.953	+15.08831
15	+35,810.858	+371,914.924	+10.38554
16	+37,491.049	+323,286.414	+8.62303
17	+38,579.126	+188,692.097	+4.89104
18	+38,948.708	+225,160.501	+5.78095
19	+39,315.994	+237,670.990	+6.04515
20	+39,131.243	+214,404.588	+5.47912
21	+38,869.647	+178,587.630	+4.59453
22	+38,553.289	+156,172.106	+4.05081
23	+38,439.931	+155,608.430	+4.04809
24	+38,355.309	+137,129.659	+3.57525
25	+38,483.790	+173,183.120	+4.50016
26	+38,482.014	+135,569.490	+3.52293
27	+38,482.109	+114,575.250	+2.97736
28	+38,620.593	+88,049.492	+2.27986
29	+39,025.278	+99,612.347	+2.55251
30	+39,196.633	+144,868.169	+3.69593
31	+39,851.548	+201,861.331	+5.06533
32	+41,025.469	+254,012.525	+6.19158
33	+42,548.149	+232,449.548	+5.46321
34	+43,502.453	+192,723.869	+4.43018
35	+43,775.575	+155,203.742	+3.54544
36	+43,572.496	+148,812.710	+3.41529
37	+43,411.864	+185,243.688	+4.26712
38	+42,644.236	+209,241.299	+4.90667
39	+41,455.931	+254,187.665	+6.13152
40	+40,479.724	+214,639.124	+5.30239
41	+39,433.401	+218,496.442	+5.54090
42	+37,668.372	+248,910.741	+6.60795

43	+35,918.072	+409,692.271	+11.40630
44	+33,759.814	+487,598.265	+14.44316
45	+31,346.062	+535,409.677	+17.08060
46	+29,466.364	+625,414.285	+21.22468
47	+27,476.699	+723,368.382	+26.32661
48	+26,134.658	+744,736.086	+28.49611

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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	+0.01573	+544,645.13	+0.00	+543,716.16	+33,581.801	+18,413.280
02	+0.01590	+548,703.87	+0.00	+548,160.77	+33,944.732	+18,413.280
03	+0.01568	+492,668.94	+0.00	+492,384.68	+33,475.057	+23,239.530
04	+0.01542	+458,984.28	+0.00	+458,230.87	+32,919.985	+23,239.530
05	+0.01521	+391,571.92	+0.00	+390,889.30	+32,471.659	+40,215.280
06	+0.01505	+347,438.89	+0.00	+346,764.30	+32,130.077	+40,215.280
07	+0.01507	+431,201.03	+0.00	+430,753.53	+32,172.774	+40,043.180
08	+0.01500	+426,192.04	+0.00	+423,555.97	+32,023.332	+40,043.180
09	+0.01500	+473,994.57	+0.00	+473,745.35	+32,023.332	+41,287.555
10	+0.01512	+448,336.36	+0.00	+446,741.93	+32,279.519	+41,287.555
11	+0.01539	+366,477.57	+0.00	+359,272.76	+32,855.939	+44,575.605
12	+0.01614	+373,215.27	+0.00	+367,801.77	+34,457.105	+44,575.605
13	+0.01759	+402,288.64	+0.00	+398,259.66	+37,552.694	+147,570.745
14	+0.01937	+278,485.63	+0.00	+273,509.70	+41,352.796	+147,570.745
15	+0.02145	+167,442.19	+0.00	+166,341.75	+45,793.365	+131,591.705
16	+0.02246	+114,975.19	+0.00	+114,229.73	+47,949.603	+131,591.705
17	+0.02311	+87,238.76	+0.00	+86,454.75	+49,337.280	+22,530.505
18	+0.02333	+122,399.74	+0.00	+122,164.37	+49,806.956	+22,530.505
19	+0.02355	+135,657.86	+0.00	+135,514.25	+50,276.631	+20,932.330
20	+0.02344	+112,952.36	+0.00	+112,627.24	+50,041.794	+20,932.330
21	+0.02328	+77,810.29	+0.00	+77,306.10	+49,700.211	+20,988.355
22	+0.02310	+55,994.38	+0.00	+55,511.40	+49,315.932	+20,988.355
23	+0.02303	+56,140.26	+0.00	+55,992.03	+49,166.489	+20,185.480
24	+0.02298	+38,279.11	+0.00	+37,685.71	+49,059.745	+20,185.480
25	+0.02305	+74,418.39	+0.00	+74,009.04	+49,209.187	+19,674.180
26	+0.02305	+37,232.43	+0.00	+36,395.41	+49,209.187	+19,674.180
27	+0.02305	+16,580.19	+0.00	+16,525.67	+49,209.187	+18,549.680
28	+0.02314	-10,267.23	+0.00	-10,310.50	+49,401.327	+18,549.680
29	+0.02338	+2,540.25	+0.00	+655.29	+49,913.700	+18,318.980
30	+0.02348	+49,353.76	+0.00	+45,566.21	+50,127.189	+18,318.980
31	+0.02387	+102,367.00	+0.00	+100,845.68	+50,959.796	+18,687.555
32	+0.02458	+151,510.24	+0.00	+150,548.07	+52,475.567	+18,687.555
33	+0.02549	+144,495.27	+0.00	+143,295.76	+54,418.316	+1,238.280
34	+0.02606	+101,724.01	+0.00	+101,604.14	+55,635.202	+1,238.280
35	+0.02622	+63,634.23	+0.00	+63,532.17	+55,976.785	+1,238.280
36	+0.02610	+57,772.29	+0.00	+57,555.02	+55,720.598	+1,238.280
37	+0.02601	+95,220.04	+0.00	+94,296.41	+55,528.458	+1,238.280
38	+0.02555	+122,468.30	+0.00	+119,880.57	+54,546.409	+1,238.280
39	+0.02483	+169,109.66	+0.00	+167,310.23	+53,009.289	+1,238.280
40	+0.02425	+130,413.79	+0.00	+129,762.12	+51,771.054	+1,238.280
41	+0.02362	+140,340.59	+0.00	+135,792.32	+50,426.074	+1,238.280
42	+0.02257	+173,273.61	+0.00	+169,828.09	+48,184.440	+1,238.280

43	+0.02152	+336,629.08	+ .00	+334,231.09	+45,942.807	+1,238.280
44	+0.02022	+420,358.55	+ .00	+416,620.81	+43,167.452	+1,238.280
45	+0.01878	+471,196.01	+ .00	+469,398.81	+40,093.212	+1,238.280
46	+0.01765	+564,896.87	+ .00	+563,300.81	+37,680.787	+1,238.280
47	+0.01646	+605,297.23	+ .00	+596,716.99	+35,140.270	+69,880.530
48	+0.01566	+622,839.54	+ .00	+620,843.91	+33,432.359	+69,880.530

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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	+2,233.080	+0.000	+1,870.181	+66.938	+12,194.165
02	+0.000	+2,257.214	+0.000	+1,890.393	+67.661	+12,325.952
03	+0.000	+2,225.982	+0.000	+1,864.236	+66.725	+12,155.404
04	+0.000	+2,189.071	+0.000	+1,833.324	+65.619	+11,953.848
05	+0.000	+2,159.259	+0.000	+1,808.357	+64.725	+11,791.052
06	+0.000	+2,136.545	+0.000	+1,789.334	+64.044	+11,667.017
07	+0.000	+2,139.384	+0.000	+1,791.712	+64.129	+11,682.522
08	+0.000	+2,129.447	+0.000	+1,783.389	+63.831	+11,628.257
09	+0.000	+2,129.447	+0.000	+1,783.389	+63.831	+11,628.257
10	+0.000	+2,146.483	+0.000	+1,797.657	+64.342	+11,721.283
11	+0.000	+2,184.813	+0.000	+1,829.758	+65.491	+11,930.591
12	+0.000	+2,291.285	+0.000	+1,918.927	+68.683	+12,512.004
13	+0.000	+2,497.131	+0.000	+2,091.321	+74.853	+13,636.069
14	+0.000	+2,749.826	+0.000	+2,302.950	+82.428	+15,015.955
15	+0.000	+3,045.109	+0.000	+2,550.247	+91.279	+16,628.407
16	+0.000	+3,188.492	+0.000	+2,670.328	+95.577	+17,411.376
17	+0.000	+3,280.768	+0.000	+2,747.609	+98.343	+17,915.267
18	+0.000	+3,312.000	+0.000	+2,773.765	+99.279	+18,085.815
19	+0.000	+3,343.232	+0.000	+2,799.921	+100.215	+18,256.363
20	+0.000	+3,327.616	+0.000	+2,786.843	+99.747	+18,171.089
21	+0.000	+3,304.902	+0.000	+2,767.820	+99.066	+18,047.054
22	+0.000	+3,279.348	+0.000	+2,746.420	+98.300	+17,907.515
23	+0.000	+3,269.411	+0.000	+2,738.097	+98.003	+17,853.250
24	+0.000	+3,262.313	+0.000	+2,732.153	+97.790	+17,814.489
25	+0.000	+3,272.250	+0.000	+2,740.475	+98.088	+17,868.754
26	+0.000	+3,272.250	+0.000	+2,740.475	+98.088	+17,868.754
27	+0.000	+3,272.250	+0.000	+2,740.475	+98.088	+17,868.754
28	+0.000	+3,285.027	+0.000	+2,751.175	+98.471	+17,938.524
29	+0.000	+3,319.098	+0.000	+2,779.710	+99.492	+18,124.576
30	+0.000	+3,333.294	+0.000	+2,791.599	+99.917	+18,202.098
31	+0.000	+3,388.660	+0.000	+2,837.967	+101.577	+18,504.432
32	+0.000	+3,489.454	+0.000	+2,922.381	+104.598	+19,054.836
33	+0.000	+3,618.640	+0.000	+3,030.573	+108.471	+19,760.284
34	+0.000	+3,699.559	+0.000	+3,098.342	+110.897	+20,202.158
35	+0.000	+3,722.273	+0.000	+3,117.365	+111.577	+20,326.192
36	+0.000	+3,705.238	+0.000	+3,103.098	+111.067	+20,233.166
37	+0.000	+3,692.461	+0.000	+3,092.397	+110.684	+20,163.397
38	+0.000	+3,627.158	+0.000	+3,037.707	+108.726	+19,806.797
39	+0.000	+3,524.945	+0.000	+2,952.104	+105.662	+19,248.641
40	+0.000	+3,442.606	+0.000	+2,883.146	+103.194	+18,799.015
41	+0.000	+3,353.169	+0.000	+2,808.244	+100.513	+18,310.628
42	+0.000	+3,204.108	+0.000	+2,683.407	+96.045	+17,496.650

43	+.000	+3,055.047	+.000	+2,558.569	+91.577	+16,682.672
44	+.000	+2,870.494	+.000	+2,404.009	+86.045	+15,674.890
45	+.000	+2,666.068	+.000	+2,232.804	+79.917	+14,558.577
46	+.000	+2,505.649	+.000	+2,098.455	+75.108	+13,682.582
47	+.000	+2,336.713	+.000	+1,956.973	+70.044	+12,760.073
48	+.000	+2,223.143	+.000	+1,861.859	+66.640	+12,139.900

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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	+57.835	+861.918	+3,387.160	+.000
02	+.000	+.000	+58.460	+871.233	+3,423.766	+.000
03	+.000	+.000	+57.651	+859.178	+3,376.393	+.000
04	+.000	+.000	+56.695	+844.931	+3,320.407	+.000
05	+.000	+.000	+55.923	+833.425	+3,275.188	+.000
06	+.000	+.000	+55.334	+824.658	+3,240.735	+.000
07	+.000	+.000	+55.408	+825.753	+3,245.041	+.000
08	+.000	+.000	+55.151	+821.918	+3,229.968	+.000
09	+.000	+.000	+55.151	+821.918	+3,229.968	+.000
10	+.000	+.000	+55.592	+828.493	+3,255.808	+.000
11	+.000	+.000	+56.585	+843.288	+3,313.947	+.000
12	+.000	+.000	+59.342	+884.384	+3,475.446	+.000
13	+.000	+.000	+64.673	+963.836	+3,787.676	+.000
14	+.000	+.000	+71.218	+1,061.370	+4,170.966	+.000
15	+.000	+.000	+78.865	+1,175.342	+4,618.854	+.000
16	+.000	+.000	+82.579	+1,230.685	+4,836.339	+.000
17	+.000	+.000	+84.969	+1,266.301	+4,976.304	+.000
18	+.000	+.000	+85.778	+1,278.356	+5,023.677	+.000
19	+.000	+.000	+86.587	+1,290.411	+5,071.050	+.000
20	+.000	+.000	+86.182	+1,284.384	+5,047.364	+.000
21	+.000	+.000	+85.594	+1,275.616	+5,012.911	+.000
22	+.000	+.000	+84.932	+1,265.753	+4,974.151	+.000
23	+.000	+.000	+84.675	+1,261.918	+4,959.078	+.000
24	+.000	+.000	+84.491	+1,259.178	+4,948.311	+.000
25	+.000	+.000	+84.748	+1,263.014	+4,963.384	+.000
26	+.000	+.000	+84.748	+1,263.014	+4,963.384	+.000
27	+.000	+.000	+84.748	+1,263.014	+4,963.384	+.000
28	+.000	+.000	+85.079	+1,267.945	+4,982.764	+.000
29	+.000	+.000	+85.961	+1,281.096	+5,034.444	+.000
30	+.000	+.000	+86.329	+1,286.575	+5,055.977	+.000
31	+.000	+.000	+87.763	+1,307.945	+5,139.956	+.000
32	+.000	+.000	+90.374	+1,346.849	+5,292.841	+.000
33	+.000	+.000	+93.719	+1,396.712	+5,488.793	+.000
34	+.000	+.000	+95.815	+1,427.945	+5,611.531	+.000
35	+.000	+.000	+96.403	+1,436.712	+5,645.984	+.000
36	+.000	+.000	+95.962	+1,430.137	+5,620.145	+.000
37	+.000	+.000	+95.631	+1,425.205	+5,600.765	+.000
38	+.000	+.000	+93.940	+1,400.000	+5,501.712	+.000
39	+.000	+.000	+91.293	+1,360.548	+5,346.674	+.000
40	+.000	+.000	+89.160	+1,328.767	+5,221.782	+.000
41	+.000	+.000	+86.844	+1,294.247	+5,086.123	+.000
42	+.000	+.000	+82.983	+1,236.712	+4,860.025	+.000

43	+.000	+.000	+79.123	+1,179.178	+4,633.928	+.000
44	+.000	+.000	+74.343	+1,107.945	+4,353.997	+.000
45	+.000	+.000	+69.049	+1,029.041	+4,043.920	+.000
46	+.000	+.000	+64.894	+967.123	+3,800.596	+.000
47	+.000	+.000	+60.519	+901.918	+3,544.352	+.000
48	+.000	+.000	+57.577	+858.082	+3,372.087	+.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	+616,382.517
02	+ .000	+621,413.461
03	+ .000	+569,704.836
04	+ .000	+534,654.281
05	+ .000	+483,564.167
06	+ .000	+438,887.324
07	+ .000	+522,773.434
08	+ .000	+515,334.443
09	+ .000	+566,768.198
10	+ .000	+540,178.660
11	+ .000	+456,928.776
12	+ .000	+468,044.550
13	+ .000	+606,498.659
14	+ .000	+487,887.953
15	+ .000	+371,914.924
16	+ .000	+323,286.414
17	+ .000	+188,692.097
18	+ .000	+225,160.501
19	+ .000	+237,670.990
20	+ .000	+214,404.588
21	+ .000	+178,587.630
22	+ .000	+156,172.106
23	+ .000	+155,608.430
24	+ .000	+137,129.659
25	+ .000	+173,183.120
26	+ .000	+135,569.490
27	+ .000	+114,575.250
28	+ .000	+88,049.492
29	+ .000	+99,612.347
30	+ .000	+144,868.169
31	+ .000	+201,861.331
32	+ .000	+254,012.525
33	+ .000	+232,449.548
34	+ .000	+192,723.869
35	+ .000	+155,203.742
36	+ .000	+148,812.710
37	+ .000	+185,243.688
38	+ .000	+209,241.299
39	+ .000	+254,187.665
40	+ .000	+214,639.124
41	+ .000	+218,496.442
42	+ .000	+248,910.741

43	+.000	+409,692.271
44	+.000	+487,598.265
45	+.000	+535,409.677
46	+.000	+625,414.285
47	+.000	+723,368.382
48	+.000	+744,736.086