

Date: 12/11/2021

Settlement Day:04/11/2021

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: 218

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,362,370.230	+962,205,442.150
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,318,163.180	+947,868,635.120
Balancing Services Contract Cost	+2,136,639.960	+405,997,641.580
Balancing Services Cost Variable	+1,195,439.240	-1,173,317.420
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+141,963.130	+9,973,029.430
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+117,141.480	+25,313,651.230
Black Start Other Costs	+4,255.430	+17,021.720
System Operator Internal Costs	+775,217.100	+168,997,327.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+720,635.160
ESO Incentive Recovery t-1	+54,794.520	+12,939,725.920
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+168,997,327.800
Total External Costs	+6,972,073.650	+1,401,705,226.800
Total Adjusted Energy Volume (MWh)	+1,566,804.557	

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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	+23,735.289	+153,000.798	+6.44613
02	+23,863.941	+150,949.743	+6.32543
03	+23,860.398	+185,428.413	+7.77139
04	+23,493.450	+196,495.918	+8.36386
05	+23,082.464	+159,979.414	+6.93078
06	+22,879.126	+138,744.275	+6.06423
07	+22,657.311	+118,688.833	+5.23843
08	+22,417.819	+100,325.860	+4.47527
09	+22,437.781	+123,489.537	+5.50364
10	+22,709.978	+117,591.104	+5.17795
11	+23,943.245	+295,169.748	+12.32789
12	+25,362.353	+259,303.774	+10.22396
13	+29,081.125	+263,252.960	+9.05237
14	+31,937.870	+227,752.563	+7.13111
15	+34,338.391	+198,869.558	+5.79146
16	+36,053.805	+244,044.678	+6.76890
17	+36,852.278	+170,934.920	+4.63838
18	+37,003.675	+171,891.778	+4.64526
19	+37,348.423	+226,931.380	+6.07606
20	+37,205.711	+179,116.908	+4.81423
21	+36,872.820	+126,645.476	+3.43466
22	+36,686.306	+179,408.824	+4.89035
23	+36,256.172	+151,297.818	+4.17302
24	+36,228.989	+166,865.854	+4.60587
25	+36,214.327	+143,759.127	+3.96968
26	+36,228.965	+174,351.714	+4.81250
27	+35,844.880	+137,453.179	+3.83467
28	+35,509.306	+128,773.348	+3.62647
29	+35,433.144	+132,703.533	+3.74518
30	+35,629.653	+109,940.953	+3.08566
31	+36,315.977	+113,977.425	+3.13849
32	+37,455.208	+129,532.438	+3.45833
33	+38,859.824	+147,942.521	+3.80708
34	+40,754.084	+179,368.943	+4.40125
35	+41,921.072	+210,831.700	+5.02925
36	+41,808.936	+188,844.915	+4.51686
37	+41,500.077	+199,913.404	+4.81718
38	+40,751.194	+231,654.293	+5.68460
39	+39,897.191	+246,025.025	+6.16647
40	+38,589.108	+178,768.384	+4.63261
41	+37,170.078	+139,154.417	+3.74372
42	+35,618.641	+121,924.156	+3.42304

43	+33,591.245	+28,759.638	+0.85616
44	+31,766.861	+65,330.802	+2.05657
45	+30,073.070	+114,647.919	+3.81231
46	+28,152.833	+98,786.219	+3.50893
47	+26,269.479	+97,202.743	+3.70022
48	+25,140.684	+121,366.808	+4.82751

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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	+0.01515	+66,084.20	+0.00	+65,365.13	+32,370.095	+38,645.290
02	+0.01523	+63,367.83	+0.00	+63,055.38	+32,541.027	+38,645.290
03	+0.01523	+108,320.02	+0.00	+108,082.11	+32,541.027	+28,097.230
04	+0.01499	+120,134.90	+0.00	+119,925.70	+32,028.233	+28,097.230
05	+0.01473	+95,140.47	+0.00	+94,701.84	+31,472.707	+17,645.345
06	+0.01460	+74,130.73	+0.00	+73,887.08	+31,194.943	+17,645.345
07	+0.01446	+60,515.77	+0.00	+60,357.77	+30,895.814	+11,571.930
08	+0.01431	+43,093.63	+0.00	+42,479.85	+30,575.318	+11,571.930
09	+0.01432	+44,468.24	+0.00	+44,261.34	+30,596.684	+32,921.780
10	+0.01449	+52,295.31	+0.00	+51,650.68	+30,959.913	+19,084.280
11	+0.01528	+115,366.96	+0.00	+114,278.16	+32,647.859	+131,480.830
12	+0.01619	+77,461.33	+0.00	+75,469.53	+34,592.201	+131,480.830
13	+0.01856	+132,740.80	+0.00	+130,766.00	+39,656.038	+72,469.705
14	+0.02038	+92,048.81	+0.00	+89,380.29	+43,544.722	+72,469.705
15	+0.02192	-4,124.04	+0.00	-5,813.92	+46,835.148	+133,801.030
16	+0.02301	+36,553.11	+0.00	+35,836.48	+49,164.085	+133,801.030
17	+0.02352	+94,554.30	+0.00	+93,640.29	+50,253.772	+1,238.280
18	+0.02362	+97,220.63	+0.00	+94,273.78	+50,467.436	+1,238.280
19	+0.02384	+115,098.43	+0.00	+115,067.72	+50,937.497	+34,772.530
20	+0.02375	+68,858.77	+0.00	+67,544.28	+50,745.199	+34,772.530
21	+0.02353	+19,527.32	+0.00	+16,837.51	+50,275.138	+33,719.280
22	+0.02341	+70,398.02	+0.00	+69,988.90	+50,018.741	+33,719.280
23	+0.02314	+75,253.47	+0.00	+75,231.99	+49,441.849	+1,238.280
24	+0.02312	+91,128.05	+0.00	+90,864.70	+49,399.116	+1,238.280
25	+0.02311	+68,221.83	+0.00	+67,790.31	+49,377.749	+1,238.280
26	+0.02312	+98,369.71	+0.00	+98,350.56	+49,399.116	+1,238.280
27	+0.02288	+63,522.51	+0.00	+62,228.11	+48,886.322	+1,238.280
28	+0.02266	+54,424.17	+0.00	+54,259.69	+48,416.261	+1,238.280
29	+0.02261	+58,447.40	+0.00	+58,351.56	+48,309.429	+1,238.280
30	+0.02274	+35,739.39	+0.00	+35,168.60	+48,587.193	+1,238.280
31	+0.02318	+37,931.91	+0.00	+37,782.25	+49,527.314	+1,238.280
32	+0.02391	+51,554.86	+0.00	+50,976.67	+51,087.061	+1,238.280
33	+0.02480	+67,073.28	+0.00	+66,508.77	+52,988.671	+1,238.280
34	+0.02601	+97,858.59	+0.00	+94,022.43	+55,574.005	+1,238.280
35	+0.02676	+123,820.42	+0.00	+123,059.92	+57,176.485	+1,238.280
36	+0.02668	+103,453.93	+0.00	+101,331.83	+57,005.554	+1,238.280
37	+0.02649	+115,850.60	+0.00	+113,014.72	+56,599.593	+1,238.280
38	+0.02601	+149,488.36	+0.00	+146,307.78	+55,574.005	+1,238.280
39	+0.02546	+162,569.37	+0.00	+162,457.04	+54,398.853	+1,238.280
40	+0.02463	+98,869.91	+0.00	+97,884.36	+52,625.442	+1,238.280
41	+0.02372	+61,334.69	+0.00	+61,213.05	+50,681.100	+1,238.280
42	+0.02273	+47,900.38	+0.00	+47,184.14	+48,565.826	+1,238.280

43	+0.02144	-41,808.80	+.00	-41,808.92	+45,809.561	+1,238.280
44	+0.02027	-1,077.86	+.00	-1,454.34	+43,309.692	+1,238.280
45	+0.01919	+52,951.23	+.00	+51,355.16	+41,002.121	+1,238.280
46	+0.01797	+39,500.97	+.00	+39,438.56	+38,395.420	+1,238.280
47	+0.01677	+2,699.11	+.00	+2,323.01	+35,831.452	+40,650.780
48	+0.01605	+4,037.21	+.00	+3,285.33	+34,293.071	+66,180.780

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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	+2,150.741	+0.000	+1,774.693	+64.470	+11,744.539
02	+0.000	+2,162.098	+0.000	+1,784.065	+64.810	+11,806.556
03	+0.000	+2,162.098	+0.000	+1,784.065	+64.810	+11,806.556
04	+0.000	+2,128.027	+0.000	+1,755.951	+63.789	+11,620.504
05	+0.000	+2,091.117	+0.000	+1,725.494	+62.682	+11,418.948
06	+0.000	+2,072.662	+0.000	+1,710.266	+62.129	+11,318.170
07	+0.000	+2,052.787	+0.000	+1,693.866	+61.534	+11,209.639
08	+0.000	+2,031.492	+0.000	+1,676.295	+60.895	+11,093.357
09	+0.000	+2,032.912	+0.000	+1,677.466	+60.938	+11,101.109
10	+0.000	+2,057.046	+0.000	+1,697.380	+61.661	+11,232.896
11	+0.000	+2,169.197	+0.000	+1,789.922	+65.023	+11,845.317
12	+0.000	+2,298.383	+0.000	+1,896.521	+68.895	+12,550.765
13	+0.000	+2,634.836	+0.000	+2,174.146	+78.981	+14,388.029
14	+0.000	+2,893.209	+0.000	+2,387.343	+86.726	+15,798.924
15	+0.000	+3,111.832	+0.000	+2,567.741	+93.279	+16,992.759
16	+0.000	+3,266.572	+0.000	+2,695.425	+97.917	+17,837.745
17	+0.000	+3,338.973	+0.000	+2,755.168	+100.088	+18,233.106
18	+0.000	+3,353.169	+0.000	+2,766.882	+100.513	+18,310.628
19	+0.000	+3,384.401	+0.000	+2,792.653	+101.449	+18,481.176
20	+0.000	+3,371.624	+0.000	+2,782.110	+101.066	+18,411.406
21	+0.000	+3,340.392	+0.000	+2,756.339	+100.130	+18,240.858
22	+0.000	+3,323.357	+0.000	+2,742.282	+99.620	+18,147.832
23	+0.000	+3,285.027	+0.000	+2,710.654	+98.471	+17,938.524
24	+0.000	+3,282.188	+0.000	+2,708.311	+98.386	+17,923.019
25	+0.000	+3,280.768	+0.000	+2,707.140	+98.343	+17,915.267
26	+0.000	+3,282.188	+0.000	+2,708.311	+98.386	+17,923.019
27	+0.000	+3,248.116	+0.000	+2,680.197	+97.364	+17,736.967
28	+0.000	+3,216.885	+0.000	+2,654.426	+96.428	+17,566.419
29	+0.000	+3,209.786	+0.000	+2,648.569	+96.215	+17,527.659
30	+0.000	+3,228.242	+0.000	+2,663.797	+96.768	+17,628.437
31	+0.000	+3,290.705	+0.000	+2,715.340	+98.641	+17,969.532
32	+0.000	+3,394.338	+0.000	+2,800.853	+101.747	+18,535.441
33	+0.000	+3,520.686	+0.000	+2,905.109	+105.535	+19,225.384
34	+0.000	+3,692.461	+0.000	+3,046.850	+110.684	+20,163.397
35	+0.000	+3,798.933	+0.000	+3,134.706	+113.875	+20,744.810
36	+0.000	+3,787.576	+0.000	+3,125.335	+113.535	+20,682.792
37	+0.000	+3,760.603	+0.000	+3,103.078	+112.726	+20,535.501
38	+0.000	+3,692.461	+0.000	+3,046.850	+110.684	+20,163.397
39	+0.000	+3,614.381	+0.000	+2,982.422	+108.343	+19,737.027
40	+0.000	+3,496.552	+0.000	+2,885.195	+104.811	+19,093.597
41	+0.000	+3,367.365	+0.000	+2,778.596	+100.939	+18,388.150
42	+0.000	+3,226.822	+0.000	+2,662.626	+96.726	+17,620.685

43	+.000	+3,043.690	+.000	+2,511.513	+91.236	+16,620.655
44	+.000	+2,877.593	+.000	+2,374.458	+86.258	+15,713.651
45	+.000	+2,724.272	+.000	+2,247.945	+81.662	+14,876.416
46	+.000	+2,551.077	+.000	+2,105.032	+76.470	+13,930.651
47	+.000	+2,380.722	+.000	+1,964.463	+71.364	+13,000.391
48	+.000	+2,278.508	+.000	+1,880.121	+68.300	+12,442.234

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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	+55.702	+830.137	+.000	+.000
02	+.000	+.000	+55.996	+834.521	+.000	+.000
03	+.000	+.000	+55.996	+834.521	+.000	+.000
04	+.000	+.000	+55.114	+821.370	+.000	+.000
05	+.000	+.000	+54.158	+807.123	+.000	+.000
06	+.000	+.000	+53.680	+800.000	+.000	+.000
07	+.000	+.000	+53.165	+792.329	+.000	+.000
08	+.000	+.000	+52.614	+784.110	+.000	+.000
09	+.000	+.000	+52.650	+784.658	+.000	+.000
10	+.000	+.000	+53.276	+793.973	+.000	+.000
11	+.000	+.000	+56.180	+837.260	+.000	+.000
12	+.000	+.000	+59.526	+887.123	+.000	+.000
13	+.000	+.000	+68.240	+1,016.986	+.000	+.000
14	+.000	+.000	+74.931	+1,116.712	+.000	+.000
15	+.000	+.000	+80.593	+1,201.096	+.000	+.000
16	+.000	+.000	+84.601	+1,260.822	+.000	+.000
17	+.000	+.000	+86.476	+1,288.767	+.000	+.000
18	+.000	+.000	+86.844	+1,294.247	+.000	+.000
19	+.000	+.000	+87.653	+1,306.301	+.000	+.000
20	+.000	+.000	+87.322	+1,301.370	+.000	+.000
21	+.000	+.000	+86.513	+1,289.315	+.000	+.000
22	+.000	+.000	+86.072	+1,282.740	+.000	+.000
23	+.000	+.000	+85.079	+1,267.945	+.000	+.000
24	+.000	+.000	+85.006	+1,266.849	+.000	+.000
25	+.000	+.000	+84.969	+1,266.301	+.000	+.000
26	+.000	+.000	+85.006	+1,266.849	+.000	+.000
27	+.000	+.000	+84.123	+1,253.699	+.000	+.000
28	+.000	+.000	+83.314	+1,241.644	+.000	+.000
29	+.000	+.000	+83.130	+1,238.904	+.000	+.000
30	+.000	+.000	+83.608	+1,246.027	+.000	+.000
31	+.000	+.000	+85.226	+1,270.137	+.000	+.000
32	+.000	+.000	+87.910	+1,310.137	+.000	+.000
33	+.000	+.000	+91.182	+1,358.904	+.000	+.000
34	+.000	+.000	+95.631	+1,425.205	+.000	+.000
35	+.000	+.000	+98.389	+1,466.301	+.000	+.000
36	+.000	+.000	+98.095	+1,461.918	+.000	+.000
37	+.000	+.000	+97.396	+1,451.507	+.000	+.000
38	+.000	+.000	+95.631	+1,425.205	+.000	+.000
39	+.000	+.000	+93.609	+1,395.068	+.000	+.000
40	+.000	+.000	+90.557	+1,349.589	+.000	+.000
41	+.000	+.000	+87.212	+1,299.726	+.000	+.000
42	+.000	+.000	+83.572	+1,245.479	+.000	+.000



43	+.000	+.000	+78.829	+1,174.795	+.000	+.000
44	+.000	+.000	+74.527	+1,110.685	+.000	+.000
45	+.000	+.000	+70.556	+1,051.507	+.000	+.000
46	+.000	+.000	+66.070	+984.658	+.000	+.000
47	+.000	+.000	+61.658	+918.904	+.000	+.000
48	+.000	+.000	+59.011	+879.452	+.000	+.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	+153,000.798
02	+ .000	+150,949.743
03	+ .000	+185,428.413
04	+ .000	+196,495.918
05	+ .000	+159,979.414
06	+ .000	+138,744.275
07	+ .000	+118,688.833
08	+ .000	+100,325.860
09	+ .000	+123,489.537
10	+ .000	+117,591.104
11	+ .000	+295,169.748
12	+ .000	+259,303.774
13	+ .000	+263,252.960
14	+ .000	+227,752.563
15	+ .000	+198,869.558
16	+ .000	+244,044.678
17	+ .000	+170,934.920
18	+ .000	+171,891.778
19	+ .000	+226,931.380
20	+ .000	+179,116.908
21	+ .000	+126,645.476
22	+ .000	+179,408.824
23	+ .000	+151,297.818
24	+ .000	+166,865.854
25	+ .000	+143,759.127
26	+ .000	+174,351.714
27	+ .000	+137,453.179
28	+ .000	+128,773.348
29	+ .000	+132,703.533
30	+ .000	+109,940.953
31	+ .000	+113,977.425
32	+ .000	+129,532.438
33	+ .000	+147,942.521
34	+ .000	+179,368.943
35	+ .000	+210,831.700
36	+ .000	+188,844.915
37	+ .000	+199,913.404
38	+ .000	+231,654.293
39	+ .000	+246,025.025
40	+ .000	+178,768.384
41	+ .000	+139,154.417
42	+ .000	+121,924.156

43	+.000	+28,759.638
44	+.000	+65,330.802
45	+.000	+114,647.919
46	+.000	+98,786.219
47	+.000	+97,202.743
48	+.000	+121,366.808