

Date: 07/12/2021

Settlement Day:10/11/2021

SAA Run Number:03

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 224

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+12,696,420.410	+1,038,249,276.960
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+12,289,592.810	+1,024,642,162.860
Balancing Services Contract Cost	+2,124,872.074	+409,850,212.429
Balancing Services Cost Variable	+477,979.830	+8,066,484.206
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+52,873.595	+7,680,968.676
Black Start Testing Costs	+0.000	+41,070.000
Black Start Availability Costs	+98,223.661	+23,170,793.565
Black Start Other Costs	+19,280.241	+385,625.648
System Operator Internal Costs	+775,217.100	+173,648,630.400
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+823,583.040
ALoMCP Recovery	+54,794.520	+12,273,972.480
ESO Incentive t-1 + Trades UR	+215,331.210	+7,802,089.568
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+173,648,630.400
Total External Costs	+15,336,624.651	+1,494,736,962.472
Total Adjusted Energy Volume (MWh)	+1,561,599.359	

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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	+25,523.504	+172,403.867	+6.75471
02	+25,792.625	+176,327.586	+6.83636
03	+25,174.948	+183,156.568	+7.27535
04	+24,612.656	+178,223.771	+7.24114
05	+24,247.245	+207,665.979	+8.56452
06	+24,007.244	+230,638.696	+9.60705
07	+23,692.848	+255,941.442	+10.80248
08	+23,533.105	+266,376.166	+11.31921
09	+23,378.603	+206,346.609	+8.82630
10	+23,601.161	+223,346.796	+9.46338
11	+24,758.099	+200,257.950	+8.08858
12	+26,046.692	+170,172.834	+6.53338
13	+28,946.832	+200,931.304	+6.94139
14	+31,525.102	+176,263.598	+5.59121
15	+33,906.031	+173,176.447	+5.10754
16	+35,027.643	+218,438.101	+6.23616
17	+35,710.648	+176,098.305	+4.93125
18	+36,002.970	+208,613.606	+5.79434
19	+36,473.623	+227,206.886	+6.22935
20	+36,490.127	+213,649.109	+5.85498
21	+36,386.453	+221,282.660	+6.08146
22	+36,497.370	+267,775.289	+7.33684
23	+36,434.417	+226,520.978	+6.21723
24	+36,518.381	+156,704.295	+4.29111
25	+36,608.336	+115,005.868	+3.14152
26	+36,485.878	+179,224.856	+4.91217
27	+36,396.879	+220,161.123	+6.04890
28	+35,981.677	+328,628.680	+9.13322
29	+35,842.723	+345,089.966	+9.62789
30	+35,680.992	+526,282.539	+14.74966
31	+36,120.647	+587,651.255	+16.26912
32	+36,835.943	+617,223.658	+16.75602
33	+37,694.263	+659,699.696	+17.50133
34	+39,458.168	+695,617.910	+17.62925
35	+40,022.671	+636,096.427	+15.89340
36	+40,245.303	+704,259.515	+17.49917
37	+39,779.838	+720,764.624	+18.11884
38	+39,000.193	+620,238.980	+15.90348
39	+38,101.633	+651,766.276	+17.10599
40	+36,843.210	+557,186.318	+15.12318
41	+36,031.880	+569,289.858	+15.79962
42	+34,740.269	+337,511.708	+9.71529

43	+33,603.332	+347,318.701	+10.33584
44	+31,618.290	+334,842.740	+10.59016
45	+30,109.793	+432,179.278	+14.35345
46	+28,209.634	+333,560.750	+11.82436
47	+26,364.192	+339,623.123	+12.88198
48	+25,535.288	+315,032.170	+12.33713

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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	+0.01634	+112,857.45	+0.00	+110,473.83	+34,720.410	+7,284.680
02	+0.01652	+116,983.34	+0.00	+113,795.58	+35,102.887	+7,284.680
03	+0.01612	+128,776.70	+0.00	+124,260.42	+34,252.938	+4,986.530
04	+0.01576	+125,001.86	+0.00	+120,531.56	+33,487.984	+4,986.530
05	+0.01553	+159,175.80	+0.00	+154,491.20	+32,999.263	+1,238.280
06	+0.01537	+183,753.31	+0.00	+177,999.00	+32,659.284	+1,238.280
07	+0.01517	+204,519.89	+0.00	+203,970.60	+32,234.309	+1,238.280
08	+0.01507	+215,204.04	+0.00	+214,739.75	+32,021.822	+1,238.280
09	+0.01497	+156,742.88	+0.00	+155,044.62	+31,809.335	+1,238.280
10	+0.01511	+172,427.51	+0.00	+171,576.61	+32,106.817	+1,238.280
11	+0.01585	+129,255.13	+0.00	+128,528.23	+33,679.222	+18,723.055
12	+0.01668	+95,994.72	+0.00	+95,667.37	+35,442.866	+18,723.055
13	+0.01854	+113,326.00	+0.00	+112,787.45	+39,395.128	+26,141.105
14	+0.02019	+84,929.42	+0.00	+82,601.70	+42,901.167	+26,141.105
15	+0.02171	+9,946.49	+0.00	+7,852.39	+46,130.973	+92,719.975
16	+0.02243	+55,340.27	+0.00	+50,706.17	+47,660.881	+92,719.975
17	+0.02287	+53,725.82	+0.00	+49,831.84	+48,595.824	+49,783.030
18	+0.02306	+92,465.75	+0.00	+81,711.73	+48,999.550	+49,783.030
19	+0.02336	+176,276.48	+0.00	+147,846.48	+49,637.012	+1,238.280
20	+0.02337	+160,152.62	+0.00	+134,255.26	+49,658.260	+1,238.280
21	+0.02330	+164,664.42	+0.00	+142,122.91	+49,509.519	+1,238.280
22	+0.02337	+209,503.62	+0.00	+188,381.44	+49,658.260	+1,238.280
23	+0.02333	+165,882.35	+0.00	+147,260.90	+49,573.265	+1,238.280
24	+0.02339	+98,386.33	+0.00	+77,243.56	+49,700.758	+1,238.280
25	+0.02344	+75,388.97	+0.00	+35,377.92	+49,807.001	+1,238.280
26	+0.02336	+120,651.62	+0.00	+99,864.45	+49,637.012	+1,238.280
27	+0.02331	+189,880.31	+0.00	+140,967.93	+49,530.768	+1,238.280
28	+0.02304	+281,523.90	+0.00	+250,338.44	+48,957.053	+1,238.280
29	+0.02295	+283,984.26	+0.00	+267,100.71	+48,765.814	+1,238.280
30	+0.02285	+458,796.90	+0.00	+448,627.71	+48,553.327	+1,238.280
31	+0.02313	+515,655.94	+0.00	+509,060.03	+49,148.291	+1,238.280
32	+0.02359	+539,493.49	+0.00	+537,094.07	+50,125.732	+1,238.280
33	+0.02414	+580,195.36	+0.00	+577,730.76	+51,294.412	+1,238.280
34	+0.02527	+610,542.31	+0.00	+609,869.95	+53,695.517	+1,238.280
35	+0.02563	+550,688.62	+0.00	+549,144.53	+54,460.471	+1,238.280
36	+0.02577	+620,914.47	+0.00	+616,839.42	+54,757.953	+1,238.280
37	+0.02547	+635,343.98	+0.00	+634,347.81	+54,120.492	+1,238.280
38	+0.02497	+536,713.79	+0.00	+535,494.30	+53,058.056	+1,238.280
39	+0.02440	+570,953.40	+0.00	+568,927.83	+51,846.879	+1,238.280
40	+0.02359	+478,029.95	+0.00	+477,056.73	+50,125.732	+1,238.280
41	+0.02307	+504,772.49	+0.00	+490,899.29	+49,020.799	+1,238.280
42	+0.02225	+262,579.43	+0.00	+261,863.44	+47,278.404	+1,238.280

43	+0.02152	+274,930.16	+.00	+274,111.75	+45,727.247	+1,238.280
44	+0.02025	+266,626.10	+.00	+265,883.01	+43,028.659	+1,238.280
45	+0.01928	+367,490.20	+.00	+366,463.49	+40,967.534	+1,238.280
46	+0.01806	+272,908.39	+.00	+271,924.97	+38,375.190	+1,238.280
47	+0.01688	+269,395.62	+.00	+264,871.08	+35,867.841	+18,300.780
48	+0.01635	+243,668.55	+.00	+242,052.59	+34,741.658	+18,300.780

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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	+863.955	+0.000	+1,604.975	+315.039	+12,667.047
02	+0.000	+873.472	+0.000	+1,622.655	+318.510	+12,806.586
03	+0.000	+852.322	+0.000	+1,583.365	+310.797	+12,496.500
04	+0.000	+833.288	+0.000	+1,548.005	+303.857	+12,217.421
05	+0.000	+821.127	+0.000	+1,525.413	+299.422	+12,039.122
06	+0.000	+812.667	+0.000	+1,509.698	+296.337	+11,915.087
07	+0.000	+802.092	+0.000	+1,490.053	+292.481	+11,760.043
08	+0.000	+796.805	+0.000	+1,480.231	+290.553	+11,682.522
09	+0.000	+791.518	+0.000	+1,470.408	+288.625	+11,605.000
10	+0.000	+798.920	+0.000	+1,484.160	+291.324	+11,713.530
11	+0.000	+838.046	+0.000	+1,556.845	+305.592	+12,287.191
12	+0.000	+881.932	+0.000	+1,638.371	+321.594	+12,930.621
13	+0.000	+980.276	+0.000	+1,821.067	+357.456	+14,372.525
14	+0.000	+1,067.518	+0.000	+1,983.136	+389.268	+15,651.633
15	+0.000	+1,147.886	+0.000	+2,132.436	+418.574	+16,829.963
16	+0.000	+1,185.955	+0.000	+2,203.157	+432.456	+17,388.120
17	+0.000	+1,209.219	+0.000	+2,246.375	+440.939	+17,729.215
18	+0.000	+1,219.265	+0.000	+2,265.038	+444.602	+17,876.506
19	+0.000	+1,235.127	+0.000	+2,294.505	+450.386	+18,109.071
20	+0.000	+1,235.656	+0.000	+2,295.487	+450.579	+18,116.824
21	+0.000	+1,231.955	+0.000	+2,288.611	+449.230	+18,062.558
22	+0.000	+1,235.656	+0.000	+2,295.487	+450.579	+18,116.824
23	+0.000	+1,233.541	+0.000	+2,291.558	+449.808	+18,085.815
24	+0.000	+1,236.713	+0.000	+2,297.451	+450.965	+18,132.328
25	+0.000	+1,239.357	+0.000	+2,302.363	+451.929	+18,171.089
26	+0.000	+1,235.127	+0.000	+2,294.505	+450.386	+18,109.071
27	+0.000	+1,232.483	+0.000	+2,289.594	+449.422	+18,070.311
28	+0.000	+1,218.208	+0.000	+2,263.073	+444.217	+17,861.002
29	+0.000	+1,213.449	+0.000	+2,254.233	+442.482	+17,791.232
30	+0.000	+1,208.162	+0.000	+2,244.411	+440.554	+17,713.711
31	+0.000	+1,222.966	+0.000	+2,271.913	+445.952	+17,930.772
32	+0.000	+1,247.288	+0.000	+2,317.096	+454.821	+18,287.371
33	+0.000	+1,276.369	+0.000	+2,371.119	+465.425	+18,713.741
34	+0.000	+1,336.116	+0.000	+2,482.112	+487.212	+19,589.736
35	+0.000	+1,355.150	+0.000	+2,517.472	+494.153	+19,868.814
36	+0.000	+1,362.553	+0.000	+2,531.224	+496.852	+19,977.345
37	+0.000	+1,346.690	+0.000	+2,501.757	+491.068	+19,744.780
38	+0.000	+1,320.254	+0.000	+2,452.645	+481.428	+19,357.171
39	+0.000	+1,290.116	+0.000	+2,396.657	+470.438	+18,915.297
40	+0.000	+1,247.288	+0.000	+2,317.096	+454.821	+18,287.371
41	+0.000	+1,219.794	+0.000	+2,266.020	+444.795	+17,884.258
42	+0.000	+1,176.437	+0.000	+2,185.476	+428.985	+17,248.580

43	+.000	+1,137.840	+.000	+2,113.773	+414.911	+16,682.672
44	+.000	+1,070.690	+.000	+1,989.029	+390.425	+15,698.146
45	+.000	+1,019.403	+.000	+1,893.752	+371.723	+14,946.186
46	+.000	+954.897	+.000	+1,773.919	+348.201	+14,000.421
47	+.000	+892.506	+.000	+1,658.015	+325.450	+13,085.665
48	+.000	+864.483	+.000	+1,605.957	+315.232	+12,674.800

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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	+60.077	+895.342	+3,518.512	+.000
02	+.000	+.000	+60.739	+905.205	+3,557.272	+.000
03	+.000	+.000	+59.269	+883.288	+3,471.139	+.000
04	+.000	+.000	+57.945	+863.562	+3,393.620	+.000
05	+.000	+.000	+57.099	+850.959	+3,344.094	+.000
06	+.000	+.000	+56.511	+842.192	+3,309.641	+.000
07	+.000	+.000	+55.776	+831.233	+3,266.574	+.000
08	+.000	+.000	+55.408	+825.753	+3,245.041	+.000
09	+.000	+.000	+55.040	+820.274	+3,223.508	+.000
10	+.000	+.000	+55.555	+827.945	+3,253.655	+.000
11	+.000	+.000	+58.276	+868.493	+3,413.000	+.000
12	+.000	+.000	+61.328	+913.973	+3,591.725	+.000
13	+.000	+.000	+68.166	+1,015.890	+3,992.241	+.000
14	+.000	+.000	+74.233	+1,106.301	+4,347.537	+.000
15	+.000	+.000	+79.821	+1,189.589	+4,674.841	+.000
16	+.000	+.000	+82.469	+1,229.041	+4,829.879	+.000
17	+.000	+.000	+84.086	+1,253.151	+4,924.625	+.000
18	+.000	+.000	+84.785	+1,263.562	+4,965.538	+.000
19	+.000	+.000	+85.888	+1,280.000	+5,030.137	+.000
20	+.000	+.000	+85.925	+1,280.548	+5,032.290	+.000
21	+.000	+.000	+85.667	+1,276.712	+5,017.217	+.000
22	+.000	+.000	+85.925	+1,280.548	+5,032.290	+.000
23	+.000	+.000	+85.778	+1,278.356	+5,023.677	+.000
24	+.000	+.000	+85.998	+1,281.644	+5,036.597	+.000
25	+.000	+.000	+86.182	+1,284.384	+5,047.364	+.000
26	+.000	+.000	+85.888	+1,280.000	+5,030.137	+.000
27	+.000	+.000	+85.704	+1,277.260	+5,019.371	+.000
28	+.000	+.000	+84.711	+1,262.466	+4,961.231	+.000
29	+.000	+.000	+84.380	+1,257.534	+4,941.851	+.000
30	+.000	+.000	+84.013	+1,252.055	+4,920.318	+.000
31	+.000	+.000	+85.042	+1,267.397	+4,980.611	+.000
32	+.000	+.000	+86.734	+1,292.603	+5,079.663	+.000
33	+.000	+.000	+88.756	+1,322.740	+5,198.095	+.000
34	+.000	+.000	+92.910	+1,384.658	+5,441.420	+.000
35	+.000	+.000	+94.234	+1,404.384	+5,518.939	+.000
36	+.000	+.000	+94.749	+1,412.055	+5,549.085	+.000
37	+.000	+.000	+93.646	+1,395.616	+5,484.486	+.000
38	+.000	+.000	+91.807	+1,368.219	+5,376.820	+.000
39	+.000	+.000	+89.712	+1,336.986	+5,254.082	+.000
40	+.000	+.000	+86.734	+1,292.603	+5,079.663	+.000
41	+.000	+.000	+84.822	+1,264.110	+4,967.691	+.000
42	+.000	+.000	+81.807	+1,219.178	+4,791.119	+.000

43	+.000	+.000	+79.123	+1,179.178	+4,633.928	+.000
44	+.000	+.000	+74.453	+1,109.589	+4,360.457	+.000
45	+.000	+.000	+70.887	+1,056.438	+4,151.586	+.000
46	+.000	+.000	+66.401	+989.589	+3,888.882	+.000
47	+.000	+.000	+62.063	+924.931	+3,634.791	+.000
48	+.000	+.000	+60.114	+895.890	+3,520.665	+.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	+172,403.867
02	+ .000	+176,327.586
03	+ .000	+183,156.568
04	+ .000	+178,223.771
05	+ .000	+207,665.979
06	+ .000	+230,638.696
07	+ .000	+255,941.442
08	+ .000	+266,376.166
09	+ .000	+206,346.609
10	+ .000	+223,346.796
11	+ .000	+200,257.950
12	+ .000	+170,172.834
13	+ .000	+200,931.304
14	+ .000	+176,263.598
15	+ .000	+173,176.447
16	+ .000	+218,438.101
17	+ .000	+176,098.305
18	+ .000	+208,613.606
19	+ .000	+227,206.886
20	+ .000	+213,649.109
21	+ .000	+221,282.660
22	+ .000	+267,775.289
23	+ .000	+226,520.978
24	+ .000	+156,704.295
25	+ .000	+115,005.868
26	+ .000	+179,224.856
27	+ .000	+220,161.123
28	+ .000	+328,628.680
29	+ .000	+345,089.966
30	+ .000	+526,282.539
31	+ .000	+587,651.255
32	+ .000	+617,223.658
33	+ .000	+659,699.696
34	+ .000	+695,617.910
35	+ .000	+636,096.427
36	+ .000	+704,259.515
37	+ .000	+720,764.624
38	+ .000	+620,238.980
39	+ .000	+651,766.276
40	+ .000	+557,186.318
41	+ .000	+569,289.858
42	+ .000	+337,511.708

43	+.000	+347,318.701
44	+.000	+334,842.740
45	+.000	+432,179.278
46	+.000	+333,560.750
47	+.000	+339,623.123
48	+.000	+315,032.170