

Date: 20/01/2023

Settlement Day:25/11/2021

SAA Run Number:07

Settlement Run Type:RF

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	+ .000	+ .000
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+11,501,386.240	+1,244,123,597.630
Balancing Services Contract Cost	+1,943,467.251	+427,183,935.164
Balancing Services Cost Variable	+1,450,704.870	+39,291,556.186
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+52,873.590	+10,967,229.350
Black Start Testing Costs	+ .000	+102,807.000
Black Start Availability Costs	+91,904.750	+24,301,863.410
Black Start Other Costs	+19,280.240	+885,164.060
System Operator Internal Costs	+775,217.100	+185,276,886.900
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+18,017.720	+4,306,235.080
EMR Incentive Revenue	+3,657.650	+876,479.810
ALoMCP Recovery	+52,272.110	+12,493,034.290
ESO Incentive t-1 + Trades UR	+104,558.330	+24,989,440.870
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+185,276,886.900
Total External Costs	+15,238,122.751	+1,789,521,342.850
Total Adjusted Energy Volume (MWh)	+1,684,481.375	

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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	+26,570.726	+609,794.443	+22.94986
02	+26,862.437	+614,561.967	+22.87812
03	+26,485.967	+562,966.970	+21.25529
04	+26,037.656	+527,942.056	+20.27610
05	+25,685.168	+477,123.423	+18.57583
06	+25,399.775	+432,510.161	+17.02811
07	+25,442.644	+516,331.736	+20.29395
08	+25,316.242	+508,898.539	+20.10166
09	+25,332.879	+560,212.936	+22.11407
10	+25,549.757	+533,686.818	+20.88814
11	+26,019.777	+450,605.148	+17.31779
12	+27,279.799	+461,434.672	+16.91489
13	+29,687.235	+599,266.308	+20.18599
14	+32,672.852	+480,029.541	+14.69200
15	+36,150.758	+363,372.153	+10.05158
16	+37,837.899	+314,385.672	+8.30875
17	+38,912.301	+179,579.901	+4.61499
18	+39,282.112	+215,959.196	+5.49765
19	+39,651.839	+228,391.365	+5.75992
20	+39,447.151	+205,169.286	+5.20112
21	+39,163.802	+169,424.058	+4.32604
22	+38,844.002	+147,080.551	+3.78644
23	+38,732.386	+146,551.999	+3.78371
24	+38,639.990	+128,113.156	+3.31556
25	+38,766.775	+164,180.844	+4.23509
26	+38,749.367	+126,508.251	+3.26478
27	+38,758.604	+105,519.194	+2.72247
28	+38,895.499	+78,917.123	+2.02895
29	+39,280.956	+90,363.481	+2.30044
30	+39,468.004	+135,629.318	+3.43644
31	+40,117.291	+192,469.140	+4.79766
32	+41,305.053	+244,369.404	+5.91621
33	+42,854.085	+222,500.378	+5.19205
34	+43,854.841	+182,560.215	+4.16283
35	+44,150.051	+144,994.200	+3.28412
36	+43,967.010	+138,626.462	+3.15297
37	+43,794.424	+175,080.747	+3.99779
38	+42,987.391	+199,321.918	+4.63675
39	+41,750.525	+244,640.786	+5.85959
40	+40,789.757	+205,168.985	+5.02991
41	+39,779.178	+209,217.975	+5.25948
42	+38,000.628	+239,924.132	+6.31369

43	+36,263.737	+400,973.665	+11.05715
44	+34,113.217	+479,488.527	+14.05580
45	+31,694.466	+527,694.621	+16.64942
46	+29,812.681	+617,832.943	+20.72383
47	+27,831.147	+716,106.479	+25.73040
48	+26,491.534	+737,889.623	+27.85379

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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	+0.01577	+0.00	+0.00	+543,105.27	+30,648.479	+18,413.280
02	+0.01595	+0.00	+0.00	+547,321.77	+30,998.303	+18,413.280
03	+0.01572	+0.00	+0.00	+491,604.61	+30,551.305	+23,239.530
04	+0.01546	+0.00	+0.00	+457,375.62	+30,046.004	+23,239.530
05	+0.01525	+0.00	+0.00	+390,224.10	+29,637.876	+40,215.280
06	+0.01508	+0.00	+0.00	+346,131.25	+29,307.486	+40,215.280
07	+0.01510	+0.00	+0.00	+430,063.70	+29,346.355	+40,043.180
08	+0.01503	+0.00	+0.00	+422,844.79	+29,210.313	+40,043.180
09	+0.01504	+0.00	+0.00	+472,884.20	+29,229.747	+41,287.555
10	+0.01517	+0.00	+0.00	+445,960.12	+29,482.398	+41,287.555
11	+0.01545	+0.00	+0.00	+358,733.25	+30,026.569	+44,575.605
12	+0.01619	+0.00	+0.00	+367,297.45	+31,464.735	+44,575.605
13	+0.01762	+0.00	+0.00	+397,756.36	+34,243.893	+147,570.745
14	+0.01940	+0.00	+0.00	+273,070.57	+37,703.265	+147,570.745
15	+0.02146	+0.00	+0.00	+166,086.05	+41,706.807	+131,591.705
16	+0.02246	+0.00	+0.00	+114,038.32	+43,650.274	+131,591.705
17	+0.02310	+0.00	+0.00	+86,334.55	+44,894.093	+22,530.505
18	+0.02332	+0.00	+0.00	+122,040.37	+45,321.656	+22,530.505
19	+0.02354	+0.00	+0.00	+135,397.24	+45,749.219	+20,932.330
20	+0.02342	+0.00	+0.00	+112,542.51	+45,516.003	+20,932.330
21	+0.02325	+0.00	+0.00	+77,261.67	+45,185.614	+20,988.355
22	+0.02306	+0.00	+0.00	+55,499.80	+44,816.355	+20,988.355
23	+0.02299	+0.00	+0.00	+55,988.41	+44,680.312	+20,185.480
24	+0.02294	+0.00	+0.00	+37,702.63	+44,583.139	+20,185.480
25	+0.02301	+0.00	+0.00	+74,067.33	+44,719.181	+19,674.180
26	+0.02300	+0.00	+0.00	+36,425.35	+44,699.747	+19,674.180
27	+0.02301	+0.00	+0.00	+16,530.18	+44,719.181	+18,549.680
28	+0.02309	+0.00	+0.00	-10,316.79	+44,874.659	+18,549.680
29	+0.02332	+0.00	+0.00	+656.18	+45,321.656	+18,318.980
30	+0.02343	+0.00	+0.00	+45,585.28	+45,535.438	+18,318.980
31	+0.02382	+0.00	+0.00	+100,862.64	+46,293.390	+18,687.555
32	+0.02452	+0.00	+0.00	+150,620.03	+47,653.817	+18,687.555
33	+0.02544	+0.00	+0.00	+143,383.93	+49,441.807	+1,238.280
34	+0.02603	+0.00	+0.00	+101,637.63	+50,588.453	+1,238.280
35	+0.02621	+0.00	+0.00	+63,520.59	+50,938.277	+1,238.280
36	+0.02610	+0.00	+0.00	+57,489.59	+50,724.495	+1,238.280
37	+0.02600	+0.00	+0.00	+94,250.00	+50,530.149	+1,238.280
38	+0.02552	+0.00	+0.00	+119,960.57	+49,597.284	+1,238.280
39	+0.02479	+0.00	+0.00	+167,514.15	+48,178.553	+1,238.280
40	+0.02422	+0.00	+0.00	+129,787.26	+47,070.777	+1,238.280
41	+0.02362	+0.00	+0.00	+135,673.00	+45,904.696	+1,238.280
42	+0.02256	+0.00	+0.00	+169,624.08	+43,844.621	+1,238.280

43	+0.02153	+.00	+.00	+333,826.70	+41,842.850	+1,238.280
44	+0.02025	+.00	+.00	+416,259.96	+39,355.212	+1,238.280
45	+0.01882	+.00	+.00	+468,843.64	+36,576.054	+1,238.280
46	+0.01770	+.00	+.00	+562,410.56	+34,399.370	+1,238.280
47	+0.01652	+.00	+.00	+595,654.12	+32,106.079	+69,880.530
48	+0.01573	+.00	+.00	+619,855.65	+30,570.740	+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	+833.817	+0.000	+1,449.338	+304.049	+12,225.174
02	+0.000	+843.334	+0.000	+1,465.881	+307.520	+12,364.713
03	+0.000	+831.173	+0.000	+1,444.743	+303.085	+12,186.413
04	+0.000	+817.426	+0.000	+1,420.847	+298.073	+11,984.856
05	+0.000	+806.322	+0.000	+1,401.547	+294.024	+11,822.061
06	+0.000	+797.334	+0.000	+1,385.924	+290.746	+11,690.274
07	+0.000	+798.391	+0.000	+1,387.762	+291.132	+11,705.778
08	+0.000	+794.690	+0.000	+1,381.328	+289.782	+11,651.513
09	+0.000	+795.219	+0.000	+1,382.247	+289.975	+11,659.265
10	+0.000	+802.092	+0.000	+1,394.195	+292.481	+11,760.043
11	+0.000	+816.897	+0.000	+1,419.928	+297.880	+11,977.104
12	+0.000	+856.023	+0.000	+1,487.938	+312.147	+12,550.765
13	+0.000	+931.633	+0.000	+1,619.362	+339.718	+13,659.325
14	+0.000	+1,025.748	+0.000	+1,782.952	+374.037	+15,039.212
15	+0.000	+1,134.667	+0.000	+1,972.276	+413.754	+16,636.159
16	+0.000	+1,187.541	+0.000	+2,064.181	+433.034	+17,411.376
17	+0.000	+1,221.380	+0.000	+2,123.000	+445.374	+17,907.515
18	+0.000	+1,233.012	+0.000	+2,143.219	+449.615	+18,078.063
19	+0.000	+1,244.644	+0.000	+2,163.438	+453.857	+18,248.611
20	+0.000	+1,238.299	+0.000	+2,152.409	+451.543	+18,155.584
21	+0.000	+1,229.311	+0.000	+2,136.785	+448.266	+18,023.798
22	+0.000	+1,219.265	+0.000	+2,119.324	+444.602	+17,876.506
23	+0.000	+1,215.564	+0.000	+2,112.890	+443.253	+17,822.241
24	+0.000	+1,212.920	+0.000	+2,108.295	+442.289	+17,783.480
25	+0.000	+1,216.621	+0.000	+2,114.728	+443.638	+17,837.745
26	+0.000	+1,216.093	+0.000	+2,113.809	+443.446	+17,829.993
27	+0.000	+1,216.621	+0.000	+2,114.728	+443.638	+17,837.745
28	+0.000	+1,220.851	+0.000	+2,122.081	+445.181	+17,899.763
29	+0.000	+1,233.012	+0.000	+2,143.219	+449.615	+18,078.063
30	+0.000	+1,238.828	+0.000	+2,153.328	+451.736	+18,163.337
31	+0.000	+1,259.449	+0.000	+2,189.171	+459.255	+18,465.671
32	+0.000	+1,296.460	+0.000	+2,253.504	+472.751	+19,008.323
33	+0.000	+1,345.104	+0.000	+2,338.057	+490.489	+19,721.523
34	+0.000	+1,376.300	+0.000	+2,392.281	+501.865	+20,178.901
35	+0.000	+1,385.817	+0.000	+2,408.823	+505.335	+20,318.440
36	+0.000	+1,380.001	+0.000	+2,398.714	+503.214	+20,233.166
37	+0.000	+1,374.713	+0.000	+2,389.524	+501.286	+20,155.645
38	+0.000	+1,349.334	+0.000	+2,345.409	+492.032	+19,783.540
39	+0.000	+1,310.736	+0.000	+2,278.319	+477.957	+19,217.632
40	+0.000	+1,280.598	+0.000	+2,225.933	+466.967	+18,775.758
41	+0.000	+1,248.874	+0.000	+2,170.790	+455.399	+18,310.628
42	+0.000	+1,192.828	+0.000	+2,073.371	+434.962	+17,488.898

43	+.000	+1,138.368	+.000	+1,978.709	+415.104	+16,690.424
44	+.000	+1,070.690	+.000	+1,861.071	+390.425	+15,698.146
45	+.000	+995.081	+.000	+1,729.647	+362.854	+14,589.586
46	+.000	+935.863	+.000	+1,626.714	+341.260	+13,721.343
47	+.000	+873.472	+.000	+1,518.266	+318.510	+12,806.586
48	+.000	+831.702	+.000	+1,445.662	+303.278	+12,194.165

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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	+284.139	+57.681	+824.331	+1,648.885	+.000
02	+.000	+287.383	+58.340	+833.740	+1,667.705	+.000
03	+.000	+283.239	+57.498	+821.718	+1,643.657	+.000
04	+.000	+278.554	+56.547	+808.127	+1,616.472	+.000
05	+.000	+274.770	+55.779	+797.150	+1,594.515	+.000
06	+.000	+271.707	+55.157	+788.263	+1,576.740	+.000
07	+.000	+272.068	+55.231	+789.309	+1,578.831	+.000
08	+.000	+270.806	+54.974	+785.650	+1,571.512	+.000
09	+.000	+270.987	+55.011	+786.173	+1,572.557	+.000
10	+.000	+273.329	+55.487	+792.968	+1,586.150	+.000
11	+.000	+278.374	+56.511	+807.604	+1,615.426	+.000
12	+.000	+291.707	+59.217	+846.285	+1,692.799	+.000
13	+.000	+317.472	+64.448	+921.035	+1,842.318	+.000
14	+.000	+349.544	+70.958	+1,014.079	+2,028.432	+.000
15	+.000	+386.660	+78.493	+1,121.759	+2,243.822	+.000
16	+.000	+404.678	+82.151	+1,174.032	+2,348.380	+.000
17	+.000	+416.209	+84.492	+1,207.486	+2,415.297	+.000
18	+.000	+420.173	+85.296	+1,218.986	+2,438.300	+.000
19	+.000	+424.137	+86.101	+1,230.485	+2,461.303	+.000
20	+.000	+421.975	+85.662	+1,224.213	+2,448.756	+.000
21	+.000	+418.912	+85.040	+1,215.327	+2,430.981	+.000
22	+.000	+415.489	+84.345	+1,205.395	+2,411.115	+.000
23	+.000	+414.227	+84.089	+1,201.736	+2,403.796	+.000
24	+.000	+413.326	+83.906	+1,199.122	+2,398.568	+.000
25	+.000	+414.588	+84.163	+1,202.781	+2,405.887	+.000
26	+.000	+414.408	+84.126	+1,202.259	+2,404.842	+.000
27	+.000	+414.588	+84.163	+1,202.781	+2,405.887	+.000
28	+.000	+416.029	+84.455	+1,206.963	+2,414.252	+.000
29	+.000	+420.173	+85.296	+1,218.986	+2,438.300	+.000
30	+.000	+422.155	+85.699	+1,224.736	+2,449.802	+.000
31	+.000	+429.182	+87.125	+1,245.122	+2,490.579	+.000
32	+.000	+441.794	+89.686	+1,281.712	+2,563.770	+.000
33	+.000	+458.371	+93.051	+1,329.802	+2,659.964	+.000
34	+.000	+469.001	+95.209	+1,360.643	+2,721.653	+.000
35	+.000	+472.244	+95.867	+1,370.052	+2,740.474	+.000
36	+.000	+470.262	+95.465	+1,364.302	+2,728.972	+.000
37	+.000	+468.461	+95.099	+1,359.075	+2,718.517	+.000
38	+.000	+459.812	+93.343	+1,333.984	+2,668.329	+.000
39	+.000	+446.659	+90.673	+1,295.826	+2,592.001	+.000
40	+.000	+436.389	+88.588	+1,266.031	+2,532.403	+.000
41	+.000	+425.579	+86.394	+1,234.667	+2,469.668	+.000
42	+.000	+406.480	+82.517	+1,179.259	+2,358.836	+.000



43	+.000	+387.922	+78.749	+1,125.419	+2,251.141	+.000
44	+.000	+364.859	+74.067	+1,058.510	+2,117.306	+.000
45	+.000	+339.093	+68.837	+983.761	+1,967.788	+.000
46	+.000	+318.914	+64.740	+925.216	+1,850.682	+.000
47	+.000	+297.653	+60.424	+863.535	+1,727.304	+.000
48	+.000	+283.419	+57.535	+822.240	+1,644.703	+.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	+609,794.443
02	+ .000	+614,561.967
03	+ .000	+562,966.970
04	+ .000	+527,942.056
05	+ .000	+477,123.423
06	+ .000	+432,510.161
07	+ .000	+516,331.736
08	+ .000	+508,898.539
09	+ .000	+560,212.936
10	+ .000	+533,686.818
11	+ .000	+450,605.148
12	+ .000	+461,434.672
13	+ .000	+599,266.308
14	+ .000	+480,029.541
15	+ .000	+363,372.153
16	+ .000	+314,385.672
17	+ .000	+179,579.901
18	+ .000	+215,959.196
19	+ .000	+228,391.365
20	+ .000	+205,169.286
21	+ .000	+169,424.058
22	+ .000	+147,080.551
23	+ .000	+146,551.999
24	+ .000	+128,113.156
25	+ .000	+164,180.844
26	+ .000	+126,508.251
27	+ .000	+105,519.194
28	+ .000	+78,917.123
29	+ .000	+90,363.481
30	+ .000	+135,629.318
31	+ .000	+192,469.140
32	+ .000	+244,369.404
33	+ .000	+222,500.378
34	+ .000	+182,560.215
35	+ .000	+144,994.200
36	+ .000	+138,626.462
37	+ .000	+175,080.747
38	+ .000	+199,321.918
39	+ .000	+244,640.786
40	+ .000	+205,168.985
41	+ .000	+209,217.975
42	+ .000	+239,924.132

43	+ .000	+400,973.665
44	+ .000	+479,488.527
45	+ .000	+527,694.621
46	+ .000	+617,832.943
47	+ .000	+716,106.479
48	+ .000	+737,889.623