

Date: 14/12/2021

Settlement Day:21/11/2021

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 235

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+ .000	+1,098,145,553.640
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+6,719,965.710	+1,143,703,908.150
Balancing Services Contract Cost	+1,536,685.319	+428,374,415.928
Balancing Services Cost Variable	+1,225,017.450	+27,683,932.576
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+52,873.595	+8,262,578.221
Black Start Testing Costs	+ .000	+41,070.000
Black Start Availability Costs	+97,788.787	+24,249,079.466
Black Start Other Costs	+19,280.241	+597,708.299
System Operator Internal Costs	+775,217.100	+182,176,018.500
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+3,676.710	+864,026.850
ALoMCP Recovery	+54,794.520	+12,876,712.200
ESO Incentive t-1 + Trades UR	+215,331.210	+10,170,732.878
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+182,176,018.500
Total External Costs	+9,925,413.542	+1,656,824,164.568
Total Adjusted Energy Volume (MWh)	+1,391,253.663	

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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	+23,516.695	+396,030.402	+16.84039
02	+23,633.652	+426,865.551	+18.06177
03	+23,097.433	+440,413.963	+19.06766
04	+22,624.926	+427,341.463	+18.88808
05	+22,396.140	+437,774.264	+19.54686
06	+22,197.810	+439,659.534	+19.80644
07	+21,915.709	+394,292.068	+17.99130
08	+21,538.571	+332,301.293	+15.42820
09	+21,367.181	+343,177.700	+16.06097
10	+21,343.469	+347,453.297	+16.27914
11	+21,636.909	+369,364.453	+17.07104
12	+21,877.227	+365,367.783	+16.70083
13	+22,520.673	+328,240.633	+14.57508
14	+23,201.677	+273,508.830	+11.78832
15	+24,405.647	+237,960.797	+9.75024
16	+25,285.985	+197,107.785	+7.79514
17	+26,759.592	+230,713.241	+8.62170
18	+27,904.367	+274,278.148	+9.82922
19	+29,105.969	+264,453.285	+9.08588
20	+29,530.465	+230,692.276	+7.81201
21	+29,828.002	+222,349.422	+7.45439
22	+29,881.218	+163,111.878	+5.45868
23	+30,230.848	+155,658.960	+5.14901
24	+30,373.409	+141,238.395	+4.65007
25	+31,066.964	+164,338.458	+5.28981
26	+31,445.171	+177,442.443	+5.64292
27	+31,483.237	+168,492.573	+5.35182
28	+31,666.656	+157,972.857	+4.98862
29	+31,634.572	+122,362.624	+3.86800
30	+32,196.677	+133,841.843	+4.15701
31	+33,140.611	+145,867.253	+4.40147
32	+34,435.192	+153,224.965	+4.44966
33	+36,211.181	+111,408.124	+3.07662
34	+38,412.351	+122,448.127	+3.18773
35	+39,026.571	+155,914.152	+3.99508
36	+38,701.297	+186,318.383	+4.81427
37	+38,067.544	+144,128.515	+3.78613
38	+37,517.425	+139,903.813	+3.72904
39	+36,486.902	+151,010.373	+4.13876
40	+35,321.668	+86,916.130	+2.46070
41	+34,727.575	+138,580.361	+3.99050
42	+33,665.224	+147,156.679	+4.37118

43	+32,298.252	+159,796.285	+4.94752
44	+30,793.640	+129,389.969	+4.20184
45	+29,020.324	+118,005.136	+4.06629
46	+27,467.325	+144,492.091	+5.26051
47	+25,621.458	+62,229.707	+2.42881
48	+24,672.272	+40,034.360	+1.62265

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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	+0.01690	+0.00	+0.00	+274,550.98	+25,969.982	+74,908.980
02	+0.01699	+0.00	+0.00	+305,138.12	+26,108.284	+74,908.980
03	+0.01660	+0.00	+0.00	+325,618.26	+25,508.976	+69,051.955
04	+0.01626	+0.00	+0.00	+313,482.68	+24,986.503	+69,051.955
05	+0.01610	+0.00	+0.00	+314,036.26	+24,740.634	+79,372.080
06	+0.01596	+0.00	+0.00	+316,307.32	+24,525.498	+79,372.080
07	+0.01575	+0.00	+0.00	+271,991.78	+24,202.794	+78,898.840
08	+0.01548	+0.00	+0.00	+210,745.03	+23,787.889	+78,898.840
09	+0.01536	+0.00	+0.00	+219,422.38	+23,603.486	+81,428.575
10	+0.01534	+0.00	+0.00	+223,753.09	+23,572.753	+81,428.575
11	+0.01555	+0.00	+0.00	+255,947.88	+23,895.457	+70,566.255
12	+0.01572	+0.00	+0.00	+251,482.75	+24,156.693	+70,566.255
13	+0.01619	+0.00	+0.00	+213,000.87	+24,878.935	+70,625.830
14	+0.01668	+0.00	+0.00	+156,918.80	+25,631.911	+70,625.830
15	+0.01754	+0.00	+0.00	+119,058.01	+26,953.460	+70,568.730
16	+0.01817	+0.00	+0.00	+121,893.94	+27,921.572	+25,143.730
17	+0.01923	+0.00	+0.00	+176,483.86	+29,550.459	+1,238.280
18	+0.02006	+0.00	+0.00	+217,761.58	+30,825.907	+1,238.280
19	+0.02092	+0.00	+0.00	+205,566.86	+32,147.457	+1,238.280
20	+0.02123	+0.00	+0.00	+170,951.60	+32,623.829	+1,238.280
21	+0.02144	+0.00	+0.00	+162,030.06	+32,946.533	+1,238.280
22	+0.02148	+0.00	+0.00	+102,682.29	+33,008.001	+1,238.280
23	+0.02173	+0.00	+0.00	+94,540.46	+33,392.172	+1,238.280
24	+0.02183	+0.00	+0.00	+79,844.33	+33,545.841	+1,238.280
25	+0.02233	+0.00	+0.00	+101,566.57	+34,314.183	+1,238.280
26	+0.02260	+0.00	+0.00	+113,926.53	+34,729.088	+1,238.280
27	+0.02263	+0.00	+0.00	+104,893.99	+34,775.189	+1,238.280
28	+0.02276	+0.00	+0.00	+94,016.04	+34,974.958	+1,238.280
29	+0.02274	+0.00	+0.00	+58,460.92	+34,944.224	+1,238.280
30	+0.02314	+0.00	+0.00	+68,837.88	+35,558.898	+1,238.280
31	+0.02382	+0.00	+0.00	+78,989.45	+36,603.844	+1,238.280
32	+0.02475	+0.00	+0.00	+83,784.41	+38,032.962	+1,238.280
33	+0.02603	+0.00	+0.00	+38,440.34	+39,999.919	+1,238.280
34	+0.02761	+0.00	+0.00	+45,126.42	+42,427.882	+1,238.280
35	+0.02805	+0.00	+0.00	+77,379.96	+43,104.023	+1,238.280
36	+0.02782	+0.00	+0.00	+108,417.99	+42,750.586	+1,238.280
37	+0.02736	+0.00	+0.00	+67,495.72	+42,043.710	+1,238.280
38	+0.02697	+0.00	+0.00	+64,345.72	+41,444.403	+1,238.280
39	+0.02623	+0.00	+0.00	+77,491.46	+40,307.256	+1,238.280
40	+0.02539	+0.00	+0.00	+15,711.96	+39,016.440	+1,238.280
41	+0.02496	+0.00	+0.00	+68,561.12	+38,355.666	+1,238.280
42	+0.02420	+0.00	+0.00	+79,231.73	+37,187.785	+1,238.280

43	+0.02322	+ .00	+ .00	+94,571.87	+35,681.833	+1,238.280
44	+0.02213	+ .00	+ .00	+67,169.21	+34,006.846	+1,238.280
45	+0.02086	+ .00	+ .00	+59,284.05	+32,055.256	+1,238.280
46	+0.01974	+ .00	+ .00	+88,857.33	+30,334.168	+1,238.280
47	+0.01842	+ .00	+ .00	-9,755.10	+28,305.744	+21,225.780
48	+0.01773	+ .00	+ .00	-30,049.05	+27,245.431	+21,225.780

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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	+893.564	+0.000	+1,652.631	+325.836	+13,101.169
02	+0.000	+898.322	+0.000	+1,661.431	+327.571	+13,170.939
03	+0.000	+877.702	+0.000	+1,623.294	+320.052	+12,868.604
04	+0.000	+859.725	+0.000	+1,590.046	+313.497	+12,605.030
05	+0.000	+851.265	+0.000	+1,574.399	+310.412	+12,480.995
06	+0.000	+843.863	+0.000	+1,560.709	+307.713	+12,372.465
07	+0.000	+832.759	+0.000	+1,540.173	+303.664	+12,209.669
08	+0.000	+818.483	+0.000	+1,513.770	+298.458	+12,000.361
09	+0.000	+812.138	+0.000	+1,502.036	+296.145	+11,907.335
10	+0.000	+811.081	+0.000	+1,500.080	+295.759	+11,891.830
11	+0.000	+822.184	+0.000	+1,520.616	+299.808	+12,054.626
12	+0.000	+831.173	+0.000	+1,537.240	+303.085	+12,186.413
13	+0.000	+856.024	+0.000	+1,583.200	+312.147	+12,550.765
14	+0.000	+881.932	+0.000	+1,631.117	+321.594	+12,930.621
15	+0.000	+927.403	+0.000	+1,715.215	+338.175	+13,597.308
16	+0.000	+960.713	+0.000	+1,776.822	+350.322	+14,085.695
17	+0.000	+1,016.759	+0.000	+1,880.478	+370.759	+14,907.425
18	+0.000	+1,060.644	+0.000	+1,961.643	+386.762	+15,550.855
19	+0.000	+1,106.116	+0.000	+2,045.741	+403.343	+16,217.542
20	+0.000	+1,122.506	+0.000	+2,076.056	+409.320	+16,457.859
21	+0.000	+1,133.610	+0.000	+2,096.592	+413.368	+16,620.655
22	+0.000	+1,135.725	+0.000	+2,100.503	+414.140	+16,651.663
23	+0.000	+1,148.943	+0.000	+2,124.950	+418.960	+16,845.468
24	+0.000	+1,154.231	+0.000	+2,134.729	+420.888	+16,922.989
25	+0.000	+1,180.667	+0.000	+2,183.624	+430.528	+17,310.598
26	+0.000	+1,194.943	+0.000	+2,210.027	+435.733	+17,519.906
27	+0.000	+1,196.529	+0.000	+2,212.960	+436.312	+17,543.163
28	+0.000	+1,203.403	+0.000	+2,225.673	+438.818	+17,643.941
29	+0.000	+1,202.346	+0.000	+2,223.717	+438.433	+17,628.437
30	+0.000	+1,223.495	+0.000	+2,262.833	+446.145	+17,938.524
31	+0.000	+1,259.449	+0.000	+2,329.329	+459.255	+18,465.671
32	+0.000	+1,308.621	+0.000	+2,420.272	+477.186	+19,186.623
33	+0.000	+1,376.300	+0.000	+2,545.442	+501.865	+20,178.901
34	+0.000	+1,459.840	+0.000	+2,699.948	+532.327	+21,403.744
35	+0.000	+1,483.104	+0.000	+2,742.975	+540.811	+21,744.840
36	+0.000	+1,470.943	+0.000	+2,720.484	+536.376	+21,566.540
37	+0.000	+1,446.622	+0.000	+2,675.501	+527.507	+21,209.940
38	+0.000	+1,426.001	+0.000	+2,637.364	+519.988	+20,907.605
39	+0.000	+1,386.874	+0.000	+2,565.000	+505.721	+20,333.945
40	+0.000	+1,342.461	+0.000	+2,482.857	+489.525	+19,682.762
41	+0.000	+1,319.725	+0.000	+2,440.808	+481.235	+19,349.419
42	+0.000	+1,279.541	+0.000	+2,366.489	+466.582	+18,760.254

43	+.000	+1,227.725	+.000	+2,270.656	+447.687	+18,000.541
44	+.000	+1,170.093	+.000	+2,164.066	+426.672	+17,155.554
45	+.000	+1,102.943	+.000	+2,039.874	+402.186	+16,171.029
46	+.000	+1,043.725	+.000	+1,930.351	+380.592	+15,302.786
47	+.000	+973.932	+.000	+1,801.269	+355.142	+14,279.499
48	+.000	+937.449	+.000	+1,733.795	+341.839	+13,744.599

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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	+62.136	+926.027	+3,639.097	+.000
02	+.000	+.000	+62.467	+930.959	+3,658.477	+.000
03	+.000	+.000	+61.033	+909.589	+3,574.498	+.000
04	+.000	+.000	+59.783	+890.959	+3,501.285	+.000
05	+.000	+.000	+59.195	+882.192	+3,466.832	+.000
06	+.000	+.000	+58.680	+874.521	+3,436.686	+.000
07	+.000	+.000	+57.908	+863.014	+3,391.467	+.000
08	+.000	+.000	+56.915	+848.219	+3,333.327	+.000
09	+.000	+.000	+56.474	+841.644	+3,307.487	+.000
10	+.000	+.000	+56.401	+840.548	+3,303.181	+.000
11	+.000	+.000	+57.173	+852.055	+3,348.400	+.000
12	+.000	+.000	+57.798	+861.370	+3,385.007	+.000
13	+.000	+.000	+59.526	+887.123	+3,486.212	+.000
14	+.000	+.000	+61.328	+913.973	+3,591.725	+.000
15	+.000	+.000	+64.489	+961.096	+3,776.909	+.000
16	+.000	+.000	+66.806	+995.616	+3,912.568	+.000
17	+.000	+.000	+70.703	+1,053.699	+4,140.819	+.000
18	+.000	+.000	+73.755	+1,099.178	+4,319.544	+.000
19	+.000	+.000	+76.917	+1,146.301	+4,504.729	+.000
20	+.000	+.000	+78.057	+1,163.288	+4,571.482	+.000
21	+.000	+.000	+78.829	+1,174.795	+4,616.701	+.000
22	+.000	+.000	+78.976	+1,176.986	+4,625.314	+.000
23	+.000	+.000	+79.895	+1,190.685	+4,679.147	+.000
24	+.000	+.000	+80.263	+1,196.164	+4,700.680	+.000
25	+.000	+.000	+82.101	+1,223.562	+4,808.346	+.000
26	+.000	+.000	+83.094	+1,238.356	+4,866.485	+.000
27	+.000	+.000	+83.204	+1,240.000	+4,872.945	+.000
28	+.000	+.000	+83.682	+1,247.123	+4,900.938	+.000
29	+.000	+.000	+83.608	+1,246.027	+4,896.632	+.000
30	+.000	+.000	+85.079	+1,267.945	+4,982.764	+.000
31	+.000	+.000	+87.579	+1,305.205	+5,129.189	+.000
32	+.000	+.000	+90.999	+1,356.164	+5,329.447	+.000
33	+.000	+.000	+95.705	+1,426.301	+5,605.071	+.000
34	+.000	+.000	+101.514	+1,512.877	+5,945.295	+.000
35	+.000	+.000	+103.132	+1,536.986	+6,040.040	+.000
36	+.000	+.000	+102.286	+1,524.384	+5,990.514	+.000
37	+.000	+.000	+100.595	+1,499.178	+5,891.462	+.000
38	+.000	+.000	+99.161	+1,477.808	+5,807.483	+.000
39	+.000	+.000	+96.440	+1,437.260	+5,648.138	+.000
40	+.000	+.000	+93.352	+1,391.233	+5,467.259	+.000
41	+.000	+.000	+91.771	+1,367.671	+5,374.667	+.000
42	+.000	+.000	+88.976	+1,326.027	+5,211.015	+.000

43	+.000	+.000	+85.373	+1,272.329	+4,999.991	+.000
44	+.000	+.000	+81.366	+1,212.603	+4,765.280	+.000
45	+.000	+.000	+76.696	+1,143.014	+4,491.809	+.000
46	+.000	+.000	+72.578	+1,081.644	+4,250.638	+.000
47	+.000	+.000	+67.725	+1,009.315	+3,966.401	+.000
48	+.000	+.000	+65.188	+971.507	+3,817.822	+.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	+396,030.402
02	+ .000	+426,865.551
03	+ .000	+440,413.963
04	+ .000	+427,341.463
05	+ .000	+437,774.264
06	+ .000	+439,659.534
07	+ .000	+394,292.068
08	+ .000	+332,301.293
09	+ .000	+343,177.700
10	+ .000	+347,453.297
11	+ .000	+369,364.453
12	+ .000	+365,367.783
13	+ .000	+328,240.633
14	+ .000	+273,508.830
15	+ .000	+237,960.797
16	+ .000	+197,107.785
17	+ .000	+230,713.241
18	+ .000	+274,278.148
19	+ .000	+264,453.285
20	+ .000	+230,692.276
21	+ .000	+222,349.422
22	+ .000	+163,111.878
23	+ .000	+155,658.960
24	+ .000	+141,238.395
25	+ .000	+164,338.458
26	+ .000	+177,442.443
27	+ .000	+168,492.573
28	+ .000	+157,972.857
29	+ .000	+122,362.624
30	+ .000	+133,841.843
31	+ .000	+145,867.253
32	+ .000	+153,224.965
33	+ .000	+111,408.124
34	+ .000	+122,448.127
35	+ .000	+155,914.152
36	+ .000	+186,318.383
37	+ .000	+144,128.515
38	+ .000	+139,903.813
39	+ .000	+151,010.373
40	+ .000	+86,916.130
41	+ .000	+138,580.361
42	+ .000	+147,156.679

43	+.000	+159,796.285
44	+.000	+129,389.969
45	+.000	+118,005.136
46	+.000	+144,492.091
47	+.000	+62,229.707
48	+.000	+40,034.360