

Date: 16/12/2021

Settlement Day:23/11/2021

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: 237

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	+28,119,226.680	+1,174,164,302.780
Balancing Services Contract Cost	+717,226.849	+430,979,166.056
Balancing Services Cost Variable	+3,954,709.620	+32,191,954.636
ESO Incentive Recovery Costs	+ .000	+ .000
Black Start Capital Costs	+52,873.595	+8,368,325.411
Black Start Testing Costs	+ .000	+41,070.000
Black Start Availability Costs	+97,788.787	+24,444,657.040
Black Start Other Costs	+19,280.241	+636,268.781
System Operator Internal Costs	+775,217.100	+183,726,452.700
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+3,676.710	+871,380.270
ALoMCP Recovery	+54,794.520	+12,986,301.240
ESO Incentive t-1 + Trades UR	+215,331.210	+10,601,395.298
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+775,217.100	+183,726,452.700
Total External Costs	+33,234,908.212	+1,695,284,821.512
Total Adjusted Energy Volume (MWh)	+1,674,463.463	

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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	+27,682.166	-10,414.906	-0.37623
02	+27,958.206	+37,344.047	+1.33571
03	+27,651.951	+59,296.981	+2.14440
04	+27,115.718	+50,703.790	+1.86990
05	+26,483.649	+65,237.440	+2.46331
06	+26,356.234	+68,771.815	+2.60932
07	+25,959.559	+28,916.050	+1.11389
08	+25,724.259	+32,131.913	+1.24909
09	+25,748.436	+26,255.367	+1.01969
10	+25,802.987	+22,268.913	+0.86304
11	+26,967.127	+141,009.643	+5.22895
12	+28,176.254	+109,174.691	+3.87471
13	+30,675.290	+206,524.003	+6.73259
14	+33,470.128	+159,297.288	+4.75939
15	+36,807.845	+242,652.864	+6.59242
16	+38,316.985	+305,073.355	+7.96183
17	+38,896.113	+249,789.151	+6.42196
18	+39,179.415	+207,874.413	+5.30570
19	+39,142.177	+365,146.389	+9.32872
20	+38,944.421	+353,088.486	+9.06647
21	+39,043.204	+375,554.308	+9.61894
22	+38,949.635	+366,491.366	+9.40937
23	+38,631.956	+336,074.726	+8.69940
24	+38,416.934	+304,107.451	+7.91597
25	+38,630.542	+740,406.536	+19.16635
26	+38,661.245	+1,014,184.179	+26.23258
27	+38,784.998	+1,152,623.498	+29.71828
28	+38,457.857	+2,009,705.242	+52.25734
29	+38,497.581	+2,088,433.205	+54.24843
30	+38,493.031	+1,969,845.215	+51.17407
31	+38,704.134	+2,175,122.098	+56.19870
32	+39,493.017	+2,420,757.559	+61.29584
33	+40,403.686	+2,425,094.261	+60.02161
34	+41,936.019	+2,471,806.603	+58.94233
35	+42,130.259	+2,594,427.906	+61.58111
36	+41,885.776	+2,384,788.687	+56.93553
37	+41,586.345	+1,757,976.645	+42.27293
38	+40,647.165	+1,228,917.647	+30.23378
39	+40,039.386	+827,049.399	+20.65590
40	+39,107.866	+517,762.415	+13.23934
41	+37,925.428	+442,975.691	+11.68018
42	+36,706.431	+253,052.863	+6.89397

43	+35,867.387	+253,988.449	+7.08132
44	+34,203.681	+201,786.302	+5.89955
45	+32,205.629	+259,302.505	+8.05147
46	+30,575.398	+248,900.121	+8.14054
47	+29,246.933	+263,180.852	+8.99858
48	+28,173.020	+205,667.891	+7.30017

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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	+0.01653	+0.00	+0.00	-43,658.39	+11,855.760	+1,238.280
02	+0.01670	+0.00	+0.00	+3,771.41	+11,977.688	+1,238.280
03	+0.01651	+0.00	+0.00	+26,092.22	+11,841.415	+1,238.280
04	+0.01619	+0.00	+0.00	+18,118.61	+11,611.903	+1,238.280
05	+0.01582	+0.00	+0.00	+33,368.65	+11,346.529	+1,238.280
06	+0.01574	+0.00	+0.00	+37,057.92	+11,289.151	+1,238.280
07	+0.01550	+0.00	+0.00	-2,333.16	+11,117.016	+1,238.280
08	+0.01536	+0.00	+0.00	+1,153.77	+11,016.604	+1,238.280
09	+0.01538	+0.00	+0.00	-4,761.50	+11,030.949	+1,238.280
10	+0.01541	+0.00	+0.00	-8,806.04	+11,052.466	+1,238.280
11	+0.01610	+0.00	+0.00	+108,598.72	+11,547.352	+1,238.280
12	+0.01683	+0.00	+0.00	+75,350.35	+12,070.928	+1,238.280
13	+0.01832	+0.00	+0.00	+44,962.04	+13,139.596	+126,090.980
14	+0.01999	+0.00	+0.00	-5,498.11	+14,337.365	+126,090.980
15	+0.02198	+0.00	+0.00	+18,412.64	+15,764.646	+181,682.790
16	+0.02288	+0.00	+0.00	+79,090.56	+16,410.150	+181,682.790
17	+0.02323	+0.00	+0.00	+22,378.55	+16,661.180	+182,432.930
18	+0.02340	+0.00	+0.00	-19,865.34	+16,783.108	+182,432.930
19	+0.02338	+0.00	+0.00	-69,126.24	+16,768.764	+389,004.530
20	+0.02326	+0.00	+0.00	-80,951.80	+16,682.697	+389,004.530
21	+0.02332	+0.00	+0.00	-55,771.04	+16,725.730	+386,173.420
22	+0.02326	+0.00	+0.00	-64,717.81	+16,682.697	+386,173.420
23	+0.02307	+0.00	+0.00	-66,651.11	+16,546.423	+358,057.955
24	+0.02294	+0.00	+0.00	-98,366.68	+16,453.184	+358,057.955
25	+0.02307	+0.00	+0.00	+362,877.21	+16,546.423	+332,861.445
26	+0.02309	+0.00	+0.00	+636,616.13	+16,560.768	+332,861.445
27	+0.02316	+0.00	+0.00	+1,106,543.08	+16,610.974	+1,238.280
28	+0.02297	+0.00	+0.00	+1,963,992.70	+16,474.701	+1,238.280
29	+0.02299	+0.00	+0.00	+2,042,681.94	+16,489.045	+1,238.280
30	+0.02299	+0.00	+0.00	+1,924,093.95	+16,489.045	+1,238.280
31	+0.02311	+0.00	+0.00	+2,129,138.49	+16,575.112	+1,238.280
32	+0.02359	+0.00	+0.00	+2,373,844.58	+16,919.381	+1,238.280
33	+0.02413	+0.00	+0.00	+2,377,135.74	+17,306.684	+1,238.280
34	+0.02504	+0.00	+0.00	+2,422,086.15	+17,959.360	+1,238.280
35	+0.02516	+0.00	+0.00	+2,544,475.11	+18,045.428	+1,238.280
36	+0.02501	+0.00	+0.00	+2,335,126.32	+17,937.843	+1,238.280
37	+0.02484	+0.00	+0.00	+1,708,643.43	+17,815.915	+1,238.280
38	+0.02427	+0.00	+0.00	+1,180,688.06	+17,407.096	+1,238.280
39	+0.02391	+0.00	+0.00	+779,516.84	+17,148.894	+1,238.280
40	+0.02336	+0.00	+0.00	+471,294.76	+16,754.419	+1,238.280
41	+0.02265	+0.00	+0.00	+397,882.73	+16,245.188	+1,238.280
42	+0.02192	+0.00	+0.00	+209,373.32	+15,721.613	+1,238.280

43	+0.02142	+.00	+.00	+211,277.00	+15,362.999	+1,238.280
44	+0.02043	+.00	+.00	+160,991.68	+14,652.945	+1,238.280
45	+0.01923	+.00	+.00	+220,831.31	+13,792.272	+1,238.280
46	+0.01826	+.00	+.00	+212,307.03	+13,096.562	+1,238.280
47	+0.01747	+.00	+.00	+228,117.35	+12,529.953	+1,238.280
48	+0.01683	+.00	+.00	+171,843.55	+12,070.928	+1,238.280

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NGESO Version Id:01

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	+874.001	+0.000	+1,616.449	+318.702	+12,814.339
02	+0.000	+882.989	+0.000	+1,633.073	+321.980	+12,946.126
03	+0.000	+872.943	+0.000	+1,614.493	+318.317	+12,798.834
04	+0.000	+856.024	+0.000	+1,583.200	+312.147	+12,550.765
05	+0.000	+836.460	+0.000	+1,547.019	+305.013	+12,263.935
06	+0.000	+832.230	+0.000	+1,539.196	+303.471	+12,201.917
07	+0.000	+819.541	+0.000	+1,515.726	+298.844	+12,015.865
08	+0.000	+812.138	+0.000	+1,502.036	+296.145	+11,907.335
09	+0.000	+813.196	+0.000	+1,503.992	+296.530	+11,922.839
10	+0.000	+814.782	+0.000	+1,506.925	+297.109	+11,946.096
11	+0.000	+851.265	+0.000	+1,574.399	+310.412	+12,480.995
12	+0.000	+889.863	+0.000	+1,645.785	+324.486	+13,046.904
13	+0.000	+968.644	+0.000	+1,791.491	+353.214	+14,201.977
14	+0.000	+1,056.943	+0.000	+1,954.798	+385.412	+15,496.590
15	+0.000	+1,162.162	+0.000	+2,149.398	+423.780	+17,039.272
16	+0.000	+1,209.748	+0.000	+2,237.407	+441.132	+17,736.967
17	+0.000	+1,228.254	+0.000	+2,271.634	+447.880	+18,008.293
18	+0.000	+1,237.242	+0.000	+2,288.258	+451.158	+18,140.080
19	+0.000	+1,236.185	+0.000	+2,286.302	+450.772	+18,124.576
20	+0.000	+1,229.840	+0.000	+2,274.567	+448.458	+18,031.550
21	+0.000	+1,233.012	+0.000	+2,280.435	+449.615	+18,078.063
22	+0.000	+1,229.840	+0.000	+2,274.567	+448.458	+18,031.550
23	+0.000	+1,219.794	+0.000	+2,255.987	+444.795	+17,884.258
24	+0.000	+1,212.920	+0.000	+2,243.275	+442.289	+17,783.480
25	+0.000	+1,219.794	+0.000	+2,255.987	+444.795	+17,884.258
26	+0.000	+1,220.851	+0.000	+2,257.943	+445.181	+17,899.763
27	+0.000	+1,224.552	+0.000	+2,264.788	+446.530	+17,954.028
28	+0.000	+1,214.506	+0.000	+2,246.208	+442.867	+17,806.737
29	+0.000	+1,215.564	+0.000	+2,248.164	+443.253	+17,822.241
30	+0.000	+1,215.564	+0.000	+2,248.164	+443.253	+17,822.241
31	+0.000	+1,221.909	+0.000	+2,259.899	+445.566	+17,915.267
32	+0.000	+1,247.288	+0.000	+2,306.837	+454.821	+18,287.371
33	+0.000	+1,275.840	+0.000	+2,359.643	+465.232	+18,705.989
34	+0.000	+1,323.955	+0.000	+2,448.631	+482.777	+19,411.436
35	+0.000	+1,330.300	+0.000	+2,460.366	+485.091	+19,504.462
36	+0.000	+1,322.369	+0.000	+2,445.698	+482.199	+19,388.180
37	+0.000	+1,313.380	+0.000	+2,429.073	+478.921	+19,256.393
38	+0.000	+1,283.242	+0.000	+2,373.334	+467.931	+18,814.519
39	+0.000	+1,264.208	+0.000	+2,338.130	+460.991	+18,535.441
40	+0.000	+1,235.127	+0.000	+2,284.346	+450.386	+18,109.071
41	+0.000	+1,197.587	+0.000	+2,214.916	+436.697	+17,558.667
42	+0.000	+1,158.989	+0.000	+2,143.530	+422.623	+16,992.759

43	+.000	+1,132.552	+.000	+2,094.636	+412.983	+16,605.150
44	+.000	+1,080.208	+.000	+1,997.825	+393.895	+15,837.685
45	+.000	+1,016.759	+.000	+1,880.478	+370.759	+14,907.425
46	+.000	+965.472	+.000	+1,785.623	+352.057	+14,155.464
47	+.000	+923.702	+.000	+1,708.370	+336.826	+13,543.043
48	+.000	+889.863	+.000	+1,645.785	+324.486	+13,046.904

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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	+60.776	+905.753	+3,559.425	+.000
02	+.000	+.000	+61.401	+915.068	+3,596.031	+.000
03	+.000	+.000	+60.702	+904.658	+3,555.118	+.000
04	+.000	+.000	+59.526	+887.123	+3,486.212	+.000
05	+.000	+.000	+58.166	+866.849	+3,406.540	+.000
06	+.000	+.000	+57.871	+862.466	+3,389.313	+.000
07	+.000	+.000	+56.989	+849.315	+3,337.634	+.000
08	+.000	+.000	+56.474	+841.644	+3,307.487	+.000
09	+.000	+.000	+56.548	+842.740	+3,311.794	+.000
10	+.000	+.000	+56.658	+844.384	+3,318.254	+.000
11	+.000	+.000	+59.195	+882.192	+3,466.832	+.000
12	+.000	+.000	+61.879	+922.192	+3,624.024	+.000
13	+.000	+.000	+67.357	+1,003.836	+3,944.868	+.000
14	+.000	+.000	+73.497	+1,095.342	+4,304.471	+.000
15	+.000	+.000	+80.814	+1,204.384	+4,732.980	+.000
16	+.000	+.000	+84.123	+1,253.699	+4,926.778	+.000
17	+.000	+.000	+85.410	+1,272.877	+5,002.144	+.000
18	+.000	+.000	+86.035	+1,282.192	+5,038.750	+.000
19	+.000	+.000	+85.961	+1,281.096	+5,034.444	+.000
20	+.000	+.000	+85.520	+1,274.521	+5,008.604	+.000
21	+.000	+.000	+85.741	+1,277.808	+5,021.524	+.000
22	+.000	+.000	+85.520	+1,274.521	+5,008.604	+.000
23	+.000	+.000	+84.822	+1,264.110	+4,967.691	+.000
24	+.000	+.000	+84.344	+1,256.986	+4,939.698	+.000
25	+.000	+.000	+84.822	+1,264.110	+4,967.691	+.000
26	+.000	+.000	+84.895	+1,265.205	+4,971.998	+.000
27	+.000	+.000	+85.153	+1,269.041	+4,987.071	+.000
28	+.000	+.000	+84.454	+1,258.630	+4,946.158	+.000
29	+.000	+.000	+84.528	+1,259.726	+4,950.465	+.000
30	+.000	+.000	+84.528	+1,259.726	+4,950.465	+.000
31	+.000	+.000	+84.969	+1,266.301	+4,976.304	+.000
32	+.000	+.000	+86.734	+1,292.603	+5,079.663	+.000
33	+.000	+.000	+88.719	+1,322.192	+5,195.942	+.000
34	+.000	+.000	+92.065	+1,372.055	+5,391.893	+.000
35	+.000	+.000	+92.506	+1,378.630	+5,417.733	+.000
36	+.000	+.000	+91.955	+1,370.411	+5,385.434	+.000
37	+.000	+.000	+91.329	+1,361.096	+5,348.827	+.000
38	+.000	+.000	+89.234	+1,329.863	+5,226.088	+.000
39	+.000	+.000	+87.910	+1,310.137	+5,148.569	+.000
40	+.000	+.000	+85.888	+1,280.000	+5,030.137	+.000
41	+.000	+.000	+83.277	+1,241.096	+4,877.252	+.000
42	+.000	+.000	+80.593	+1,201.096	+4,720.060	+.000

43	+.000	+.000	+78.755	+1,173.699	+4,612.395	+.000
44	+.000	+.000	+75.115	+1,119.452	+4,399.217	+.000
45	+.000	+.000	+70.703	+1,053.699	+4,140.819	+.000
46	+.000	+.000	+67.137	+1,000.548	+3,931.948	+.000
47	+.000	+.000	+64.232	+957.260	+3,761.836	+.000
48	+.000	+.000	+61.879	+922.192	+3,624.024	+.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	-10,414.906
02	+ .000	+37,344.047
03	+ .000	+59,296.981
04	+ .000	+50,703.790
05	+ .000	+65,237.440
06	+ .000	+68,771.815
07	+ .000	+28,916.050
08	+ .000	+32,131.913
09	+ .000	+26,255.367
10	+ .000	+22,268.913
11	+ .000	+141,009.643
12	+ .000	+109,174.691
13	+ .000	+206,524.003
14	+ .000	+159,297.288
15	+ .000	+242,652.864
16	+ .000	+305,073.355
17	+ .000	+249,789.151
18	+ .000	+207,874.413
19	+ .000	+365,146.389
20	+ .000	+353,088.486
21	+ .000	+375,554.308
22	+ .000	+366,491.366
23	+ .000	+336,074.726
24	+ .000	+304,107.451
25	+ .000	+740,406.536
26	+ .000	+1,014,184.179
27	+ .000	+1,152,623.498
28	+ .000	+2,009,705.242
29	+ .000	+2,088,433.205
30	+ .000	+1,969,845.215
31	+ .000	+2,175,122.098
32	+ .000	+2,420,757.559
33	+ .000	+2,425,094.261
34	+ .000	+2,471,806.603
35	+ .000	+2,594,427.906
36	+ .000	+2,384,788.687
37	+ .000	+1,757,976.645
38	+ .000	+1,228,917.647
39	+ .000	+827,049.399
40	+ .000	+517,762.415
41	+ .000	+442,975.691
42	+ .000	+253,052.863

43	+.000	+253,988.449
44	+.000	+201,786.302
45	+.000	+259,302.505
46	+.000	+248,900.121
47	+.000	+263,180.852
48	+.000	+205,667.891