

Date: 05/10/2021

Settlement Day:10/09/2021

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: 163

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,275,398.360	+551,671,255.380
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,213,546.050	+544,341,082.520
Balancing Services Contract Cost	+548,359.082	+288,014,010.961
Balancing Services Cost Variable	+26,708.540	-27,566,566.344
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+0.000	+7,257,979.916
Black Start Testing Costs	+0.000	+41,070.000
Black Start Availability Costs	+105,675.840	+17,200,513.363
Black Start Other Costs	+0.000	+236,234.720
System Operator Internal Costs	+775,217.100	+126,360,387.300
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+599,303.730
ESO Incentive Recovery t-1	+54,794.520	+8,931,506.760
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	+126,360,387.300
Total External Costs	+3,952,760.742	+839,055,135.626
Total Adjusted Energy Volume (MWh)	+1,295,216.623	

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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	+22,323.846	+93,299.909	+4.17938
02	+21,636.339	+54,515.168	+2.51961
03	+21,170.396	+66,957.815	+3.16280
04	+20,907.262	+56,855.203	+2.71940
05	+20,579.977	+39,548.627	+1.92170
06	+20,235.027	+20,140.312	+0.99532
07	+20,118.715	+16,276.312	+0.80901
08	+20,034.957	+14,257.179	+0.71162
09	+20,216.803	+27,644.120	+1.36738
10	+20,361.513	+42,052.400	+2.06529
11	+21,308.568	+27,840.578	+1.30654
12	+22,270.082	+49,214.163	+2.20988
13	+24,235.680	+59,626.022	+2.46026
14	+25,979.028	+54,621.818	+2.10254
15	+27,555.183	-16,021.476	-0.58143
16	+28,765.511	+106,751.223	+3.71108
17	+29,579.782	+73,688.009	+2.49116
18	+29,816.824	+66,489.929	+2.22995
19	+30,358.103	+156,757.083	+5.16360
20	+30,369.182	+123,048.550	+4.05176
21	+30,277.719	+122,159.210	+4.03462
22	+30,238.900	+99,604.008	+3.29390
23	+30,417.796	+163,093.672	+5.36178
24	+30,638.950	+138,548.362	+4.52197
25	+30,756.429	+123,195.527	+4.00552
26	+30,696.213	+94,698.251	+3.08501
27	+30,308.170	+106,263.024	+3.50609
28	+29,916.530	+116,981.197	+3.91025
29	+29,756.178	+108,564.913	+3.64848
30	+29,502.097	+91,201.036	+3.09134
31	+29,238.468	+139,734.214	+4.77912
32	+29,498.496	+121,302.118	+4.11215
33	+30,006.624	+155,780.968	+5.19155
34	+30,508.969	+198,863.650	+6.51820
35	+31,002.837	+185,305.305	+5.97704
36	+31,076.421	+169,257.251	+5.44648
37	+30,991.054	+219,595.257	+7.08576
38	+30,721.867	+211,399.876	+6.88109
39	+30,441.650	+266,282.566	+8.74731
40	+30,472.309	+267,144.228	+8.76679
41	+30,022.100	+206,429.175	+6.87591
42	+29,043.417	+94,360.895	+3.24896

43	+28,277.095	+33,903.989	+1.19899
44	+27,171.920	-11,980.196	-0.44090
45	+26,007.870	+34,135.393	+1.31250
46	+24,727.789	+13,527.997	+0.54708
47	+23,476.318	+73,755.698	+3.14171
48	+22,199.659	+51,322.192	+2.31185

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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	+0.01724	+77,514.41	+0.00	+77,501.58	+9,453.711	-9,850.020
02	+0.01670	+39,803.27	+0.00	+39,520.21	+9,157.597	-9,850.020
03	+0.01635	+52,429.51	+0.00	+52,429.51	+8,965.671	-9,795.970
04	+0.01614	+42,980.91	+0.00	+42,639.32	+8,850.516	-9,795.970
05	+0.01589	+25,669.30	+0.00	+25,441.44	+8,713.426	-9,532.735
06	+0.01562	+6,439.74	+0.00	+6,434.81	+8,565.369	-9,532.735
07	+0.01553	+3,028.85	+0.00	+2,962.19	+8,516.017	-9,790.220
08	+0.01547	+1,043.83	+0.00	+1,032.32	+8,483.115	-9,790.220
09	+0.01561	+13,578.33	+0.00	+13,490.64	+8,559.885	-9,069.880
10	+0.01572	+28,193.66	+0.00	+27,735.27	+8,620.205	-9,069.880
11	+0.01645	+7,301.79	+0.00	+5,198.75	+9,020.507	-1,831.220
12	+0.01719	+28,994.53	+0.00	+25,471.42	+9,426.293	-1,831.220
13	+0.01871	+32,153.98	+0.00	+30,552.44	+10,259.798	+1,238.280
14	+0.02006	+24,044.52	+0.00	+23,539.81	+11,000.083	+1,238.280
15	+0.02127	-46,172.08	+0.00	-48,903.63	+11,663.598	+1,238.280
16	+0.02221	+75,266.69	+0.00	+72,470.61	+12,179.055	+1,238.280
17	+0.02284	+41,431.28	+0.00	+38,470.13	+12,524.521	+1,238.280
18	+0.02302	+31,314.57	+0.00	+31,004.26	+12,623.226	+1,238.280
19	+0.02344	+124,518.46	+0.00	+120,646.57	+12,853.537	+1,238.280
20	+0.02345	+87,783.46	+0.00	+86,923.16	+12,859.020	+1,238.280
21	+0.02338	+88,987.90	+0.00	+86,137.96	+12,820.635	+1,238.280
22	+0.02335	+64,043.45	+0.00	+63,627.39	+12,804.185	+1,238.280
23	+0.02348	+127,864.14	+0.00	+126,923.65	+12,875.471	+1,238.280
24	+0.02366	+102,883.18	+0.00	+102,110.55	+12,974.176	+1,238.280
25	+0.02375	+87,963.33	+0.00	+86,623.82	+13,023.528	+1,238.280
26	+0.02370	+58,330.05	+0.00	+58,200.93	+12,996.110	+1,238.280
27	+0.02340	+72,840.83	+0.00	+70,212.02	+12,831.603	+1,238.280
28	+0.02310	+86,644.02	+0.00	+81,376.51	+12,667.095	+1,238.280
29	+0.02297	+73,390.97	+0.00	+73,153.63	+12,595.808	+1,238.280
30	+0.02278	+58,681.04	+0.00	+56,072.42	+12,491.620	+1,238.280
31	+0.02257	+106,596.91	+0.00	+104,918.02	+12,376.464	+1,238.280
32	+0.02277	+86,973.29	+0.00	+86,188.38	+12,486.136	+1,238.280
33	+0.02317	+121,483.13	+0.00	+120,072.14	+12,705.480	+1,238.280
34	+0.02356	+163,051.39	+0.00	+162,574.61	+12,919.340	+1,238.280
35	+0.02394	+150,397.05	+0.00	+148,450.93	+13,127.716	+1,238.280
36	+0.02399	+132,887.55	+0.00	+132,328.49	+13,155.134	+1,238.280
37	+0.02393	+185,289.39	+0.00	+182,755.76	+13,122.233	+1,238.280
38	+0.02372	+176,498.93	+0.00	+174,872.80	+13,007.077	+1,238.280
39	+0.02350	+232,246.68	+0.00	+230,082.79	+12,886.438	+1,238.280
40	+0.02353	+232,837.95	+0.00	+230,899.82	+12,902.889	+1,238.280
41	+0.02318	+174,145.21	+0.00	+170,705.47	+12,710.964	+1,238.280
42	+0.02242	+61,021.61	+0.00	+59,767.86	+12,294.211	+1,238.280

43	+0.02183	+309.20	+.00	+188.71	+11,970.679	+1,238.280
44	+0.02098	-43,343.13	+.00	-44,430.91	+11,504.574	+1,238.280
45	+0.02008	+3,638.16	+.00	+3,023.63	+11,011.050	+1,238.280
46	+0.01909	-16,008.22	+.00	-16,110.92	+10,468.175	+1,238.280
47	+0.01813	+4,715.05	+.00	+4,609.72	+9,941.750	+42,173.555
48	+0.01714	-16,289.71	+.00	-16,350.94	+9,398.875	+42,173.555

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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	+0.000	+0.000	+1,821.851	+0.000	+13,364.743
02	+0.000	+0.000	+0.000	+1,764.787	+0.000	+12,946.126
03	+0.000	+0.000	+0.000	+1,727.800	+0.000	+12,674.800
04	+0.000	+0.000	+0.000	+1,705.608	+0.000	+12,512.004
05	+0.000	+0.000	+0.000	+1,679.189	+0.000	+12,318.200
06	+0.000	+0.000	+0.000	+1,650.657	+0.000	+12,108.891
07	+0.000	+0.000	+0.000	+1,641.146	+0.000	+12,039.122
08	+0.000	+0.000	+0.000	+1,634.805	+0.000	+11,992.609
09	+0.000	+0.000	+0.000	+1,649.600	+0.000	+12,101.139
10	+0.000	+0.000	+0.000	+1,661.224	+0.000	+12,186.413
11	+0.000	+0.000	+0.000	+1,738.368	+0.000	+12,752.321
12	+0.000	+0.000	+0.000	+1,816.568	+0.000	+13,325.982
13	+0.000	+0.000	+0.000	+1,977.195	+0.000	+14,504.312
14	+0.000	+0.000	+0.000	+2,119.857	+0.000	+15,550.855
15	+0.000	+0.000	+0.000	+2,247.725	+0.000	+16,488.868
16	+0.000	+0.000	+0.000	+2,347.060	+0.000	+17,217.572
17	+0.000	+0.000	+0.000	+2,413.636	+0.000	+17,705.959
18	+0.000	+0.000	+0.000	+2,432.658	+0.000	+17,845.498
19	+0.000	+0.000	+0.000	+2,477.042	+0.000	+18,171.089
20	+0.000	+0.000	+0.000	+2,478.098	+0.000	+18,178.841
21	+0.000	+0.000	+0.000	+2,470.701	+0.000	+18,124.576
22	+0.000	+0.000	+0.000	+2,467.531	+0.000	+18,101.319
23	+0.000	+0.000	+0.000	+2,481.269	+0.000	+18,202.098
24	+0.000	+0.000	+0.000	+2,500.290	+0.000	+18,341.637
25	+0.000	+0.000	+0.000	+2,509.801	+0.000	+18,411.406
26	+0.000	+0.000	+0.000	+2,504.517	+0.000	+18,372.645
27	+0.000	+0.000	+0.000	+2,472.815	+0.000	+18,140.080
28	+0.000	+0.000	+0.000	+2,441.112	+0.000	+17,907.515
29	+0.000	+0.000	+0.000	+2,427.374	+0.000	+17,806.737
30	+0.000	+0.000	+0.000	+2,407.296	+0.000	+17,659.446
31	+0.000	+0.000	+0.000	+2,385.104	+0.000	+17,496.650
32	+0.000	+0.000	+0.000	+2,406.239	+0.000	+17,651.693
33	+0.000	+0.000	+0.000	+2,448.509	+0.000	+17,961.780
34	+0.000	+0.000	+0.000	+2,489.723	+0.000	+18,264.115
35	+0.000	+0.000	+0.000	+2,529.880	+0.000	+18,558.697
36	+0.000	+0.000	+0.000	+2,535.163	+0.000	+18,597.458
37	+0.000	+0.000	+0.000	+2,528.823	+0.000	+18,550.945
38	+0.000	+0.000	+0.000	+2,506.631	+0.000	+18,388.150
39	+0.000	+0.000	+0.000	+2,483.382	+0.000	+18,217.602
40	+0.000	+0.000	+0.000	+2,486.553	+0.000	+18,240.858
41	+0.000	+0.000	+0.000	+2,449.566	+0.000	+17,969.532
42	+0.000	+0.000	+0.000	+2,369.252	+0.000	+17,380.367

43	+.000	+.000	+.000	+2,306.904	+.000	+16,922.989
44	+.000	+.000	+.000	+2,217.079	+.000	+16,264.055
45	+.000	+.000	+.000	+2,121.971	+.000	+15,566.359
46	+.000	+.000	+.000	+2,017.352	+.000	+14,798.894
47	+.000	+.000	+.000	+1,915.903	+.000	+14,054.686
48	+.000	+.000	+.000	+1,811.284	+.000	+13,287.221

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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	+63.386	+944.658	+.000	+.000
02	+.000	+.000	+61.401	+915.068	+.000	+.000
03	+.000	+.000	+60.114	+895.890	+.000	+.000
04	+.000	+.000	+59.342	+884.384	+.000	+.000
05	+.000	+.000	+58.423	+870.685	+.000	+.000
06	+.000	+.000	+57.430	+855.890	+.000	+.000
07	+.000	+.000	+57.099	+850.959	+.000	+.000
08	+.000	+.000	+56.879	+847.671	+.000	+.000
09	+.000	+.000	+57.393	+855.342	+.000	+.000
10	+.000	+.000	+57.798	+861.370	+.000	+.000
11	+.000	+.000	+60.482	+901.370	+.000	+.000
12	+.000	+.000	+63.203	+941.918	+.000	+.000
13	+.000	+.000	+68.791	+1,025.205	+.000	+.000
14	+.000	+.000	+73.755	+1,099.178	+.000	+.000
15	+.000	+.000	+78.204	+1,165.479	+.000	+.000
16	+.000	+.000	+81.660	+1,216.986	+.000	+.000
17	+.000	+.000	+83.976	+1,251.507	+.000	+.000
18	+.000	+.000	+84.638	+1,261.370	+.000	+.000
19	+.000	+.000	+86.182	+1,284.384	+.000	+.000
20	+.000	+.000	+86.219	+1,284.931	+.000	+.000
21	+.000	+.000	+85.961	+1,281.096	+.000	+.000
22	+.000	+.000	+85.851	+1,279.452	+.000	+.000
23	+.000	+.000	+86.329	+1,286.575	+.000	+.000
24	+.000	+.000	+86.991	+1,296.438	+.000	+.000
25	+.000	+.000	+87.322	+1,301.370	+.000	+.000
26	+.000	+.000	+87.138	+1,298.630	+.000	+.000
27	+.000	+.000	+86.035	+1,282.192	+.000	+.000
28	+.000	+.000	+84.932	+1,265.753	+.000	+.000
29	+.000	+.000	+84.454	+1,258.630	+.000	+.000
30	+.000	+.000	+83.755	+1,248.219	+.000	+.000
31	+.000	+.000	+82.983	+1,236.712	+.000	+.000
32	+.000	+.000	+83.719	+1,247.671	+.000	+.000
33	+.000	+.000	+85.189	+1,269.589	+.000	+.000
34	+.000	+.000	+86.623	+1,290.959	+.000	+.000
35	+.000	+.000	+88.020	+1,311.781	+.000	+.000
36	+.000	+.000	+88.204	+1,314.521	+.000	+.000
37	+.000	+.000	+87.984	+1,311.233	+.000	+.000
38	+.000	+.000	+87.212	+1,299.726	+.000	+.000
39	+.000	+.000	+86.403	+1,287.671	+.000	+.000
40	+.000	+.000	+86.513	+1,289.315	+.000	+.000
41	+.000	+.000	+85.226	+1,270.137	+.000	+.000
42	+.000	+.000	+82.432	+1,228.493	+.000	+.000



43	+.000	+.000	+80.263	+1,196.164	+.000	+.000
44	+.000	+.000	+77.137	+1,149.589	+.000	+.000
45	+.000	+.000	+73.828	+1,100.274	+.000	+.000
46	+.000	+.000	+70.188	+1,046.027	+.000	+.000
47	+.000	+.000	+66.659	+993.425	+.000	+.000
48	+.000	+.000	+63.019	+939.178	+.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	+93,299.909
02	+ .000	+54,515.168
03	+ .000	+66,957.815
04	+ .000	+56,855.203
05	+ .000	+39,548.627
06	+ .000	+20,140.312
07	+ .000	+16,276.312
08	+ .000	+14,257.179
09	+ .000	+27,644.120
10	+ .000	+42,052.400
11	+ .000	+27,840.578
12	+ .000	+49,214.163
13	+ .000	+59,626.022
14	+ .000	+54,621.818
15	+ .000	-16,021.476
16	+ .000	+106,751.223
17	+ .000	+73,688.009
18	+ .000	+66,489.929
19	+ .000	+156,757.083
20	+ .000	+123,048.550
21	+ .000	+122,159.210
22	+ .000	+99,604.008
23	+ .000	+163,093.672
24	+ .000	+138,548.362
25	+ .000	+123,195.527
26	+ .000	+94,698.251
27	+ .000	+106,263.024
28	+ .000	+116,981.197
29	+ .000	+108,564.913
30	+ .000	+91,201.036
31	+ .000	+139,734.214
32	+ .000	+121,302.118
33	+ .000	+155,780.968
34	+ .000	+198,863.650
35	+ .000	+185,305.305
36	+ .000	+169,257.251
37	+ .000	+219,595.257
38	+ .000	+211,399.876
39	+ .000	+266,282.566
40	+ .000	+267,144.228
41	+ .000	+206,429.175
42	+ .000	+94,360.895

43	+.000	+33,903.989
44	+.000	-11,980.196
45	+.000	+34,135.393
46	+.000	+13,527.997
47	+.000	+73,755.698
48	+.000	+51,322.192