

Date: 15/12/2020

Settlement Day:21/11/2020

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:20/21

Internal Scheme Name:2020/2021

Internal Scheme Day: 235

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+11,106,014.380	+702,691,510.530
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+11,048,809.550	+697,051,357.950
Balancing Services Contract Cost	+593,027.671	+272,150,214.567
Balancing Services Cost Variable	+420,489.090	+125,275,223.570
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+113,787.260	+8,934,454.614
Black Start Testing Costs	+0.000	+346,453.620
Black Start Availability Costs	+108,386.749	+31,202,497.064
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+613,907.380	+144,247,960.480
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
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	+613,907.380	+144,247,960.480
Total External Costs	+12,284,500.320	+1,134,960,201.385
Total Adjusted Energy Volume (MWh)	+1,183,089.490	

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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	+21,093.683	+379,141.005	+17.97415
02	+21,105.202	+374,910.376	+17.76388
03	+20,741.553	+385,190.632	+18.57096
04	+20,859.181	+400,028.283	+19.17756
05	+20,624.655	+392,359.751	+19.02382
06	+20,216.708	+381,507.644	+18.87091
07	+19,899.504	+377,841.499	+18.98748
08	+19,652.090	+360,214.336	+18.32957
09	+19,716.860	+349,756.198	+17.73894
10	+19,520.949	+329,729.759	+16.89107
11	+19,732.000	+309,220.914	+15.67104
12	+19,757.408	+295,725.876	+14.96785
13	+20,808.157	+288,830.188	+13.88062
14	+21,201.303	+266,636.154	+12.57640
15	+22,014.725	+262,181.620	+11.90938
16	+22,291.539	+259,448.895	+11.63890
17	+23,055.594	+238,019.681	+10.32373
18	+23,801.300	+245,294.109	+10.30591
19	+24,690.329	+243,131.346	+9.84723
20	+25,120.287	+241,075.475	+9.59684
21	+25,409.894	+238,141.273	+9.37199
22	+25,522.022	+224,274.482	+8.78749
23	+25,553.591	+214,441.491	+8.39183
24	+25,915.766	+200,340.425	+7.73045
25	+26,099.875	+184,784.436	+7.07990
26	+26,213.048	+193,463.797	+7.38044
27	+26,324.527	+212,468.252	+8.07111
28	+26,292.796	+242,791.128	+9.23413
29	+26,387.155	+245,406.202	+9.30021
30	+26,606.844	+241,582.403	+9.07971
31	+27,158.227	+234,767.754	+8.64444
32	+27,751.699	+224,051.079	+8.07342
33	+29,424.952	+218,040.032	+7.41004
34	+31,404.858	+231,104.654	+7.35888
35	+32,258.599	+216,456.964	+6.71005
36	+32,420.753	+202,015.668	+6.23106
37	+32,220.099	+208,076.880	+6.45798
38	+31,284.883	+192,715.144	+6.16001
39	+30,190.733	+189,277.593	+6.26939
40	+28,632.644	+216,063.709	+7.54606
41	+27,596.130	+249,867.454	+9.05444
42	+26,421.688	+251,876.025	+9.53293

43	+25,613.760	+269,254.836	+10.51212
44	+24,523.571	+258,962.676	+10.55975
45	+23,997.271	+294,895.832	+12.28872
46	+22,984.862	+279,467.259	+12.15875
47	+21,848.353	+290,847.909	+13.31212
48	+21,127.863	+292,742.893	+13.85577

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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	+0.01783	+337,793.35	+0.00	+335,047.84	+10,573.683	+18,612.150
02	+0.01784	+331,375.77	+0.00	+330,802.92	+10,579.614	+18,612.150
03	+0.01753	+336,484.00	+0.00	+333,724.70	+10,395.775	+26,413.650
04	+0.01763	+356,331.93	+0.00	+348,419.44	+10,455.078	+26,413.650
05	+0.01743	+346,316.42	+0.00	+341,376.23	+10,336.472	+26,074.150
06	+0.01709	+331,894.34	+0.00	+331,010.02	+10,134.843	+26,074.150
07	+0.01682	+324,583.88	+0.00	+323,826.71	+9,974.725	+29,977.175
08	+0.01661	+307,096.87	+0.00	+306,499.66	+9,850.190	+29,977.175
09	+0.01667	+299,125.80	+0.00	+298,524.20	+9,885.771	+27,408.750
10	+0.01650	+279,089.84	+0.00	+278,740.71	+9,784.957	+27,408.750
11	+0.01668	+257,785.30	+0.00	+257,311.85	+9,891.702	+28,071.525
12	+0.01670	+244,022.44	+0.00	+243,788.23	+9,903.562	+28,071.525
13	+0.01759	+232,198.27	+0.00	+232,000.23	+10,431.357	+31,691.930
14	+0.01792	+209,901.47	+0.00	+209,334.59	+10,627.056	+31,691.930
15	+0.01861	+213,309.66	+0.00	+212,848.97	+11,036.245	+22,736.930
16	+0.01884	+210,519.37	+0.00	+209,787.55	+11,172.641	+22,736.930
17	+0.01949	+210,141.20	+0.00	+209,678.94	+11,558.109	+487.405
18	+0.02012	+216,695.13	+0.00	+216,053.03	+11,931.717	+487.405
19	+0.02087	+222,541.55	+0.00	+221,681.16	+12,376.487	-8,375.320
20	+0.02123	+219,452.14	+0.00	+219,110.81	+12,589.977	-8,375.320
21	+0.02148	+214,422.08	+0.00	+213,205.88	+12,738.234	-5,761.870
22	+0.02157	+200,460.85	+0.00	+200,091.37	+12,791.607	-6,642.770
23	+0.02160	+185,920.72	+0.00	+185,547.83	+12,809.398	-1,975.095
24	+0.02191	+172,257.58	+0.00	+171,003.74	+12,993.236	-1,975.095
25	+0.02206	+155,308.14	+0.00	+155,004.46	+13,082.190	-1,746.170
26	+0.02216	+163,750.58	+0.00	+163,540.91	+13,141.493	-1,746.170
27	+0.02225	+189,025.51	+0.00	+188,055.35	+13,194.866	-7,384.775
28	+0.02222	+218,963.09	+0.00	+218,421.10	+13,177.075	-7,384.775
29	+0.02230	+220,899.21	+0.00	+220,574.36	+13,224.517	-7,037.290
30	+0.02249	+216,945.02	+0.00	+216,479.03	+13,337.192	-7,037.290
31	+0.02296	+206,277.30	+0.00	+205,614.41	+13,615.915	-3,659.000
32	+0.02346	+195,961.23	+0.00	+194,183.18	+13,912.429	-3,659.000
33	+0.02487	+180,397.97	+0.00	+177,712.09	+14,748.598	+4,786.000
34	+0.02654	+189,170.87	+0.00	+188,390.10	+15,738.954	+4,786.000
35	+0.02727	+173,367.92	+0.00	+172,699.16	+16,171.865	+4,786.000
36	+0.02740	+158,394.89	+0.00	+158,072.08	+16,248.958	+4,786.000
37	+0.02723	+165,839.36	+0.00	+165,514.44	+16,148.143	+3,647.800
38	+0.02644	+151,620.75	+0.00	+151,281.70	+15,679.652	+3,647.800
39	+0.02552	+156,010.15	+0.00	+151,170.78	+15,134.066	+1,635.950
40	+0.02420	+180,866.68	+0.00	+179,843.32	+14,351.270	+1,635.950
41	+0.02333	+218,482.93	+0.00	+217,232.99	+13,835.336	-706.650
42	+0.02233	+225,431.52	+0.00	+224,781.67	+13,242.308	-4,817.650

43	+0.02165	+240,867.11	+.00	+240,176.25	+12,839.049	-1,861.625
44	+0.02073	+231,837.91	+.00	+231,198.87	+12,293.464	-1,861.625
45	+0.02028	+269,246.44	+.00	+268,699.80	+12,026.601	-2,786.300
46	+0.01943	+254,987.22	+.00	+254,485.97	+11,522.528	-2,786.300
47	+0.01847	+240,640.61	+.00	+236,747.09	+10,953.221	+27,705.175
48	+0.01786	+242,002.01	+.00	+239,513.83	+10,591.474	+27,705.175

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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	+2,028.827	+0.000	+1,932.536	+0.000	+10,945.969
02	+0.000	+2,029.965	+0.000	+1,933.620	+0.000	+10,952.108
03	+0.000	+1,994.691	+0.000	+1,900.020	+0.000	+10,761.796
04	+0.000	+2,006.069	+0.000	+1,910.858	+0.000	+10,823.187
05	+0.000	+1,983.312	+0.000	+1,889.181	+0.000	+10,700.406
06	+0.000	+1,944.624	+0.000	+1,852.330	+0.000	+10,491.677
07	+0.000	+1,913.902	+0.000	+1,823.065	+0.000	+10,325.922
08	+0.000	+1,890.006	+0.000	+1,800.304	+0.000	+10,197.002
09	+0.000	+1,896.834	+0.000	+1,806.807	+0.000	+10,233.836
10	+0.000	+1,877.490	+0.000	+1,788.381	+0.000	+10,129.472
11	+0.000	+1,897.971	+0.000	+1,807.891	+0.000	+10,239.975
12	+0.000	+1,900.247	+0.000	+1,810.059	+0.000	+10,252.253
13	+0.000	+2,001.518	+0.000	+1,906.523	+0.000	+10,798.631
14	+0.000	+2,039.068	+0.000	+1,942.291	+0.000	+11,001.220
15	+0.000	+2,117.581	+0.000	+2,017.077	+0.000	+11,424.816
16	+0.000	+2,143.752	+0.000	+2,042.006	+0.000	+11,566.015
17	+0.000	+2,217.714	+0.000	+2,112.458	+0.000	+11,965.055
18	+0.000	+2,289.400	+0.000	+2,180.741	+0.000	+12,351.816
19	+0.000	+2,374.740	+0.000	+2,262.031	+0.000	+12,812.247
20	+0.000	+2,415.704	+0.000	+2,301.051	+0.000	+13,033.254
21	+0.000	+2,444.150	+0.000	+2,328.147	+0.000	+13,186.731
22	+0.000	+2,454.391	+0.000	+2,337.902	+0.000	+13,241.982
23	+0.000	+2,457.805	+0.000	+2,341.154	+0.000	+13,260.399
24	+0.000	+2,493.079	+0.000	+2,374.754	+0.000	+13,450.711
25	+0.000	+2,510.147	+0.000	+2,391.012	+0.000	+13,542.797
26	+0.000	+2,521.526	+0.000	+2,401.850	+0.000	+13,604.188
27	+0.000	+2,531.767	+0.000	+2,411.605	+0.000	+13,659.439
28	+0.000	+2,528.353	+0.000	+2,408.354	+0.000	+13,641.022
29	+0.000	+2,537.456	+0.000	+2,417.025	+0.000	+13,690.135
30	+0.000	+2,559.075	+0.000	+2,437.618	+0.000	+13,806.777
31	+0.000	+2,612.555	+0.000	+2,488.560	+0.000	+14,095.313
32	+0.000	+2,669.449	+0.000	+2,542.753	+0.000	+14,402.267
33	+0.000	+2,829.889	+0.000	+2,695.578	+0.000	+15,267.877
34	+0.000	+3,019.914	+0.000	+2,876.584	+0.000	+16,293.102
35	+0.000	+3,102.979	+0.000	+2,955.707	+0.000	+16,741.254
36	+0.000	+3,117.771	+0.000	+2,969.797	+0.000	+16,821.062
37	+0.000	+3,098.427	+0.000	+2,951.371	+0.000	+16,716.698
38	+0.000	+3,008.535	+0.000	+2,865.746	+0.000	+16,231.711
39	+0.000	+2,903.851	+0.000	+2,766.030	+0.000	+15,666.916
40	+0.000	+2,753.652	+0.000	+2,622.959	+0.000	+14,856.559
41	+0.000	+2,654.657	+0.000	+2,528.663	+0.000	+14,322.459
42	+0.000	+2,540.870	+0.000	+2,420.276	+0.000	+13,708.552

43	+.000	+2,463.494	+.000	+2,346.573	+.000	+13,291.095
44	+.000	+2,358.810	+.000	+2,246.857	+.000	+12,726.300
45	+.000	+2,307.606	+.000	+2,198.083	+.000	+12,450.042
46	+.000	+2,210.886	+.000	+2,105.955	+.000	+11,928.220
47	+.000	+2,101.651	+.000	+2,001.903	+.000	+11,338.869
48	+.000	+2,032.240	+.000	+1,935.787	+.000	+10,964.386

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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	+ .000	+ .000	+ .000	+ .000
02	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
03	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
04	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
05	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
06	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
07	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
08	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
09	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
10	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
11	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
12	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
13	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
14	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
15	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
16	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
17	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
18	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
19	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
20	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
21	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
22	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
23	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
24	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
25	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
26	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
27	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
28	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
29	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
30	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
31	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
32	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
33	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
34	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
35	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
36	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
37	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
38	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
39	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
40	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
41	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000
42	+ .000	+ .000	+ .000	+ .000	+ .000	+ .000



43	+.000	+.000	+.000	+.000	+.000	+.000
44	+.000	+.000	+.000	+.000	+.000	+.000
45	+.000	+.000	+.000	+.000	+.000	+.000
46	+.000	+.000	+.000	+.000	+.000	+.000
47	+.000	+.000	+.000	+.000	+.000	+.000
48	+.000	+.000	+.000	+.000	+.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	+379,141.005
02	+ .000	+374,910.376
03	+ .000	+385,190.632
04	+ .000	+400,028.283
05	+ .000	+392,359.751
06	+ .000	+381,507.644
07	+ .000	+377,841.499
08	+ .000	+360,214.336
09	+ .000	+349,756.198
10	+ .000	+329,729.759
11	+ .000	+309,220.914
12	+ .000	+295,725.876
13	+ .000	+288,830.188
14	+ .000	+266,636.154
15	+ .000	+262,181.620
16	+ .000	+259,448.895
17	+ .000	+238,019.681
18	+ .000	+245,294.109
19	+ .000	+243,131.346
20	+ .000	+241,075.475
21	+ .000	+238,141.273
22	+ .000	+224,274.482
23	+ .000	+214,441.491
24	+ .000	+200,340.425
25	+ .000	+184,784.436
26	+ .000	+193,463.797
27	+ .000	+212,468.252
28	+ .000	+242,791.128
29	+ .000	+245,406.202
30	+ .000	+241,582.403
31	+ .000	+234,767.754
32	+ .000	+224,051.079
33	+ .000	+218,040.032
34	+ .000	+231,104.654
35	+ .000	+216,456.964
36	+ .000	+202,015.668
37	+ .000	+208,076.880
38	+ .000	+192,715.144
39	+ .000	+189,277.593
40	+ .000	+216,063.709
41	+ .000	+249,867.454
42	+ .000	+251,876.025

43	+.000	+269,254.836
44	+.000	+258,962.676
45	+.000	+294,895.832
46	+.000	+279,467.259
47	+.000	+290,847.909
48	+.000	+292,742.893