

Date: 17/01/2020

Settlement Day:21/12/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 265

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,297,071.350	+84,314,180.180
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,286,651.160	+468,615,702.680
Balancing Services Contract Cost	+951,626.031	+234,549,389.882
Balancing Services Cost Variable	+541,987.310	+115,877,307.935
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+122,648.326	+31,261,532.162
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+218,378,825.600
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,094,031.300
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-6,046,527.420
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+218,378,825.600
Total External Costs	+2,825,331.417	+856,591,436.539
Total Adjusted Energy Volume (MWh)	+1,369,742.064	

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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	+23,306.456	+112,957.643	+4.84662
02	+23,566.750	+118,487.538	+5.02774
03	+23,585.612	+136,672.896	+5.79476
04	+23,024.618	+122,008.833	+5.29906
05	+22,713.076	+108,853.457	+4.79255
06	+22,289.444	+104,324.810	+4.68046
07	+22,461.095	+111,483.569	+4.96341
08	+22,131.179	+105,153.576	+4.75138
09	+22,401.210	+108,296.281	+4.83439
10	+22,126.235	+95,322.488	+4.30812
11	+22,131.671	+98,498.646	+4.45057
12	+22,534.118	+101,019.798	+4.48297
13	+23,031.467	+97,440.543	+4.23076
14	+23,635.679	+96,741.936	+4.09305
15	+25,010.626	+100,384.890	+4.01369
16	+26,337.814	+103,782.271	+3.94043
17	+27,848.398	+65,507.482	+2.35229
18	+29,252.480	+68,851.559	+2.35370
19	+30,334.329	+62,663.292	+2.06576
20	+30,534.703	+59,999.459	+1.96496
21	+30,609.235	+59,232.715	+1.93513
22	+30,649.682	+58,764.838	+1.91731
23	+30,617.941	+57,869.175	+1.89004
24	+30,384.476	+65,223.865	+2.14662
25	+30,639.604	+65,742.720	+2.14568
26	+30,811.330	+56,290.732	+1.82695
27	+31,116.837	+49,150.888	+1.57956
28	+31,187.835	+55,964.276	+1.79443
29	+31,395.266	+62,738.851	+1.99835
30	+31,526.315	+71,299.907	+2.26160
31	+32,243.508	+64,030.624	+1.98585
32	+33,131.543	+54,792.981	+1.65380
33	+34,748.116	+53,416.542	+1.53725
34	+35,939.482	+72,254.057	+2.01044
35	+36,722.594	+68,657.442	+1.86962
36	+36,573.553	+67,429.928	+1.84368
37	+36,003.220	+70,712.578	+1.96406
38	+35,286.013	+69,619.440	+1.97300
39	+34,157.802	+70,094.664	+2.05208
40	+33,477.494	+74,750.352	+2.23285
41	+32,545.748	+64,872.412	+1.99327
42	+31,470.411	+44,494.146	+1.41384

43	+30,113.189	+34,678.762	+1.15161
44	+28,778.119	+34,330.861	+1.19295
45	+27,294.127	+41,006.286	+1.50238
46	+25,972.545	+57,629.945	+2.21888
47	+24,557.707	+67,917.028	+2.76561
48	+23,531.412	+58,021.885	+2.46572

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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	+0.01702	+58,291.22	+0.00	+58,033.74	+16,196.675	+23,934.500
02	+0.01721	+63,297.00	+0.00	+63,217.69	+16,377.484	+23,934.500
03	+0.01722	+78,770.23	+0.00	+78,625.62	+16,387.000	+26,693.720
04	+0.01681	+64,809.03	+0.00	+64,708.07	+15,996.834	+26,693.720
05	+0.01658	+53,338.69	+0.00	+53,275.74	+15,777.960	+25,389.450
06	+0.01627	+49,491.98	+0.00	+49,311.53	+15,482.956	+25,389.450
07	+0.01640	+55,873.44	+0.00	+55,823.82	+15,606.667	+25,799.220
08	+0.01616	+50,051.63	+0.00	+49,930.81	+15,378.277	+25,799.220
09	+0.01635	+53,645.58	+0.00	+53,108.39	+15,559.086	+25,418.400
10	+0.01615	+40,739.89	+0.00	+40,498.75	+15,368.760	+25,418.400
11	+0.01616	+45,060.91	+0.00	+44,998.30	+15,378.277	+24,076.800
12	+0.01645	+47,048.17	+0.00	+46,991.43	+15,654.248	+24,076.800
13	+0.01681	+40,813.83	+0.00	+40,408.82	+15,996.834	+26,424.680
14	+0.01726	+39,006.31	+0.00	+38,890.87	+16,425.065	+26,424.680
15	+0.01826	+37,456.47	+0.00	+37,257.31	+17,376.691	+29,880.430
16	+0.01923	+39,141.03	+0.00	+38,888.55	+18,299.769	+29,880.430
17	+0.02033	+24,048.41	+0.00	+23,841.55	+19,346.557	+4,649.800
18	+0.02136	+25,432.82	+0.00	+25,310.24	+20,326.732	+4,649.800
19	+0.02215	+16,729.80	+0.00	+16,605.94	+21,078.517	+5,727.430
20	+0.02229	+13,748.85	+0.00	+13,687.20	+21,211.744	+5,727.430
21	+0.02235	+13,204.60	+0.00	+12,811.21	+21,268.842	+5,727.430
22	+0.02238	+12,455.18	+0.00	+12,288.71	+21,297.391	+5,727.430
23	+0.02235	+12,502.55	+0.00	+11,953.17	+21,268.842	+5,221.930
24	+0.02218	+20,313.33	+0.00	+19,617.39	+21,107.065	+5,221.930
25	+0.02237	+19,854.99	+0.00	+19,790.30	+21,287.874	+5,221.930
26	+0.02249	+10,365.11	+0.00	+10,119.82	+21,402.069	+5,221.930
27	+0.02272	+7,908.87	+0.00	+7,783.13	+21,620.943	+0.000
28	+0.02277	+14,680.92	+0.00	+14,505.48	+21,668.525	+0.000
29	+0.02292	+21,257.65	+0.00	+21,006.94	+21,811.269	+0.000
30	+0.02302	+29,659.63	+0.00	+29,385.92	+21,906.431	+0.000
31	+0.02354	+21,762.94	+0.00	+21,169.84	+22,401.277	+0.000
32	+0.02419	+10,906.57	+0.00	+10,748.70	+23,019.834	+0.000
33	+0.02537	+2,157.33	+0.00	+2,001.83	+24,142.752	+5,221.930
34	+0.02624	+19,604.82	+0.00	+19,255.28	+24,970.667	+5,221.930
35	+0.02681	+14,724.02	+0.00	+14,620.83	+25,513.094	+5,221.930
36	+0.02670	+13,619.31	+0.00	+13,593.60	+25,408.415	+5,221.930
37	+0.02628	+17,691.46	+0.00	+17,640.97	+25,008.732	+5,221.930
38	+0.02576	+17,650.90	+0.00	+17,494.63	+24,513.887	+5,221.930
39	+0.02494	+19,727.02	+0.00	+19,462.88	+23,733.553	+5,221.930
40	+0.02444	+25,595.03	+0.00	+25,028.95	+23,257.740	+5,221.930
41	+0.02376	+16,501.17	+0.00	+16,389.13	+22,610.634	+5,221.930
42	+0.02298	+2,661.40	+0.00	+2,652.99	+21,868.366	+0.000

43	+0.02198	-5,162.12	+.00	-5,341.63	+20,916.740	+.000
44	+0.02101	-3,907.74	+.00	-3,923.39	+19,993.663	+.000
45	+0.01993	+4,706.79	+.00	+4,237.21	+18,965.907	+481.250
46	+0.01896	+23,053.90	+.00	+22,627.01	+18,042.830	+481.250
47	+0.01793	+22,657.20	+.00	+22,422.73	+17,062.655	+12,848.000
48	+0.01718	+14,123.23	+.00	+13,893.16	+16,348.935	+12,848.000

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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	+2,087.475	+0.000	+14,025.689
02	+0.000	+0.000	+0.000	+2,110.778	+0.000	+14,182.263
03	+0.000	+0.000	+0.000	+2,112.004	+0.000	+14,190.503
04	+0.000	+0.000	+0.000	+2,061.718	+0.000	+13,852.634
05	+0.000	+0.000	+0.000	+2,033.509	+0.000	+13,663.098
06	+0.000	+0.000	+0.000	+1,995.488	+0.000	+13,407.636
07	+0.000	+0.000	+0.000	+2,011.433	+0.000	+13,514.765
08	+0.000	+0.000	+0.000	+1,981.997	+0.000	+13,316.988
09	+0.000	+0.000	+0.000	+2,005.300	+0.000	+13,473.562
10	+0.000	+0.000	+0.000	+1,980.770	+0.000	+13,308.747
11	+0.000	+0.000	+0.000	+1,981.997	+0.000	+13,316.988
12	+0.000	+0.000	+0.000	+2,017.565	+0.000	+13,555.969
13	+0.000	+0.000	+0.000	+2,061.718	+0.000	+13,852.634
14	+0.000	+0.000	+0.000	+2,116.910	+0.000	+14,223.466
15	+0.000	+0.000	+0.000	+2,239.558	+0.000	+15,047.537
16	+0.000	+0.000	+0.000	+2,358.527	+0.000	+15,846.886
17	+0.000	+0.000	+0.000	+2,493.440	+0.000	+16,753.364
18	+0.000	+0.000	+0.000	+2,619.768	+0.000	+17,602.157
19	+0.000	+0.000	+0.000	+2,716.660	+0.000	+18,253.174
20	+0.000	+0.000	+0.000	+2,733.831	+0.000	+18,368.543
21	+0.000	+0.000	+0.000	+2,741.190	+0.000	+18,417.988
22	+0.000	+0.000	+0.000	+2,744.870	+0.000	+18,442.710
23	+0.000	+0.000	+0.000	+2,741.190	+0.000	+18,417.988
24	+0.000	+0.000	+0.000	+2,720.340	+0.000	+18,277.896
25	+0.000	+0.000	+0.000	+2,743.643	+0.000	+18,434.469
26	+0.000	+0.000	+0.000	+2,758.361	+0.000	+18,533.358
27	+0.000	+0.000	+0.000	+2,786.570	+0.000	+18,722.894
28	+0.000	+0.000	+0.000	+2,792.702	+0.000	+18,764.098
29	+0.000	+0.000	+0.000	+2,811.100	+0.000	+18,887.708
30	+0.000	+0.000	+0.000	+2,823.364	+0.000	+18,970.115
31	+0.000	+0.000	+0.000	+2,887.142	+0.000	+19,398.632
32	+0.000	+0.000	+0.000	+2,966.863	+0.000	+19,934.278
33	+0.000	+0.000	+0.000	+3,111.588	+0.000	+20,906.682
34	+0.000	+0.000	+0.000	+3,218.292	+0.000	+21,623.624
35	+0.000	+0.000	+0.000	+3,288.202	+0.000	+22,093.345
36	+0.000	+0.000	+0.000	+3,274.710	+0.000	+22,002.697
37	+0.000	+0.000	+0.000	+3,223.198	+0.000	+21,656.587
38	+0.000	+0.000	+0.000	+3,159.421	+0.000	+21,228.070
39	+0.000	+0.000	+0.000	+3,058.849	+0.000	+20,552.332
40	+0.000	+0.000	+0.000	+2,997.525	+0.000	+20,140.296
41	+0.000	+0.000	+0.000	+2,914.124	+0.000	+19,579.928
42	+0.000	+0.000	+0.000	+2,818.459	+0.000	+18,937.152

43	+.000	+.000	+.000	+2,695.810	+.000	+18,113.081
44	+.000	+.000	+.000	+2,576.841	+.000	+17,313.733
45	+.000	+.000	+.000	+2,444.381	+.000	+16,423.736
46	+.000	+.000	+.000	+2,325.412	+.000	+15,624.387
47	+.000	+.000	+.000	+2,199.084	+.000	+14,775.594
48	+.000	+.000	+.000	+2,107.098	+.000	+14,157.540

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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	+70.266	+.000	-1,390.701	+.000
02	+.000	+.000	+71.050	+.000	-1,406.226	+.000
03	+.000	+.000	+71.091	+.000	-1,407.043	+.000
04	+.000	+.000	+69.399	+.000	-1,373.542	+.000
05	+.000	+.000	+68.449	+.000	-1,354.749	+.000
06	+.000	+.000	+67.169	+.000	-1,329.419	+.000
07	+.000	+.000	+67.706	+.000	-1,340.041	+.000
08	+.000	+.000	+66.715	+.000	-1,320.431	+.000
09	+.000	+.000	+67.500	+.000	-1,335.956	+.000
10	+.000	+.000	+66.674	+.000	-1,319.614	+.000
11	+.000	+.000	+66.715	+.000	-1,320.431	+.000
12	+.000	+.000	+67.913	+.000	-1,344.127	+.000
13	+.000	+.000	+69.399	+.000	-1,373.542	+.000
14	+.000	+.000	+71.257	+.000	-1,410.312	+.000
15	+.000	+.000	+75.385	+.000	-1,492.021	+.000
16	+.000	+.000	+79.390	+.000	-1,571.280	+.000
17	+.000	+.000	+83.931	+.000	-1,661.161	+.000
18	+.000	+.000	+88.183	+.000	-1,745.322	+.000
19	+.000	+.000	+91.445	+.000	-1,809.873	+.000
20	+.000	+.000	+92.022	+.000	-1,821.312	+.000
21	+.000	+.000	+92.270	+.000	-1,826.215	+.000
22	+.000	+.000	+92.394	+.000	-1,828.666	+.000
23	+.000	+.000	+92.270	+.000	-1,826.215	+.000
24	+.000	+.000	+91.568	+.000	-1,812.324	+.000
25	+.000	+.000	+92.353	+.000	-1,827.849	+.000
26	+.000	+.000	+92.848	+.000	-1,837.654	+.000
27	+.000	+.000	+93.798	+.000	-1,856.447	+.000
28	+.000	+.000	+94.004	+.000	-1,860.533	+.000
29	+.000	+.000	+94.623	+.000	-1,872.789	+.000
30	+.000	+.000	+95.036	+.000	-1,880.960	+.000
31	+.000	+.000	+97.183	+.000	-1,923.449	+.000
32	+.000	+.000	+99.866	+.000	-1,976.561	+.000
33	+.000	+.000	+104.738	+.000	-2,072.978	+.000
34	+.000	+.000	+108.330	+.000	-2,144.066	+.000
35	+.000	+.000	+110.683	+.000	-2,190.641	+.000
36	+.000	+.000	+110.229	+.000	-2,181.652	+.000
37	+.000	+.000	+108.495	+.000	-2,147.334	+.000
38	+.000	+.000	+106.348	+.000	-2,104.845	+.000
39	+.000	+.000	+102.963	+.000	-2,037.843	+.000
40	+.000	+.000	+100.899	+.000	-1,996.988	+.000
41	+.000	+.000	+98.091	+.000	-1,941.426	+.000
42	+.000	+.000	+94.871	+.000	-1,877.692	+.000



43	+.000	+.000	+90.743	+.000	-1,795.982	+.000
44	+.000	+.000	+86.738	+.000	-1,716.724	+.000
45	+.000	+.000	+82.279	+.000	-1,628.477	+.000
46	+.000	+.000	+78.275	+.000	-1,549.218	+.000
47	+.000	+.000	+74.023	+.000	-1,465.057	+.000
48	+.000	+.000	+70.926	+.000	-1,403.775	+.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	+112,957.643
02	+ .000	+118,487.538
03	+ .000	+136,672.896
04	+ .000	+122,008.833
05	+ .000	+108,853.457
06	+ .000	+104,324.810
07	+ .000	+111,483.569
08	+ .000	+105,153.576
09	+ .000	+108,296.281
10	+ .000	+95,322.488
11	+ .000	+98,498.646
12	+ .000	+101,019.798
13	+ .000	+97,440.543
14	+ .000	+96,741.936
15	+ .000	+100,384.890
16	+ .000	+103,782.271
17	+ .000	+65,507.482
18	+ .000	+68,851.559
19	+ .000	+62,663.292
20	+ .000	+59,999.459
21	+ .000	+59,232.715
22	+ .000	+58,764.838
23	+ .000	+57,869.175
24	+ .000	+65,223.865
25	+ .000	+65,742.720
26	+ .000	+56,290.732
27	+ .000	+49,150.888
28	+ .000	+55,964.276
29	+ .000	+62,738.851
30	+ .000	+71,299.907
31	+ .000	+64,030.624
32	+ .000	+54,792.981
33	+ .000	+53,416.542
34	+ .000	+72,254.057
35	+ .000	+68,657.442
36	+ .000	+67,429.928
37	+ .000	+70,712.578
38	+ .000	+69,619.440
39	+ .000	+70,094.664
40	+ .000	+74,750.352
41	+ .000	+64,872.412
42	+ .000	+44,494.146

43	+.000	+34,678.762
44	+.000	+34,330.861
45	+.000	+41,006.286
46	+.000	+57,629.945
47	+.000	+67,917.028
48	+.000	+58,021.885