

Date: 01/12/2020

Settlement Day:11/10/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 194

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+5,558,778.110	+318,473,552.630
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,514,161.420	+314,356,325.060
Balancing Services Contract Cost	+870,204.753	+177,253,471.032
Balancing Services Cost Variable	+232,597.860	+79,179,267.110
ESO Incentive Recovery Costs	-21,485.790	+5,907,337.970
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+980.484	+184,012.146
Black Start Availability Costs	+117,676.839	+22,339,397.126
Black Start Other Costs	+2,252.097	+24,773.067
System Operator Internal Costs	+824,071.040	+159,869,781.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,223,736.480
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	+824,071.040	+159,869,781.760
Total External Costs	+6,722,695.583	+600,502,003.211
Total Adjusted Energy Volume (MWh)	+1,264,478.155	

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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	+20,171.442	+220,002.397	+10.90663
02	+19,802.400	+235,094.835	+11.87204
03	+20,038.980	+217,355.246	+10.84662
04	+20,331.220	+215,061.948	+10.57792
05	+20,071.804	+216,375.777	+10.78009
06	+19,754.922	+220,846.625	+11.17932
07	+19,644.831	+223,813.604	+11.39300
08	+19,505.318	+220,647.283	+11.31216
09	+19,600.876	+233,363.224	+11.90575
10	+19,836.460	+234,544.685	+11.82392
11	+20,224.202	+195,633.207	+9.67322
12	+20,827.312	+181,046.091	+8.69272
13	+22,525.771	+209,235.151	+9.28870
14	+25,352.266	+204,352.537	+8.06052
15	+27,782.439	+163,121.251	+5.87138
16	+29,439.897	+128,609.731	+4.36855
17	+30,007.663	+118,513.894	+3.94945
18	+29,753.359	+116,899.323	+3.92895
19	+30,083.486	+133,452.445	+4.43607
20	+30,117.240	+130,799.475	+4.34301
21	+30,020.315	+144,317.294	+4.80732
22	+30,077.558	+152,586.455	+5.07310
23	+30,130.026	+155,596.205	+5.16416
24	+30,175.081	+147,662.455	+4.89352
25	+30,208.478	+145,148.755	+4.80490
26	+29,837.483	+150,522.473	+5.04474
27	+29,189.355	+137,582.099	+4.71343
28	+28,702.696	+137,073.367	+4.77563
29	+28,475.224	+148,560.855	+5.21720
30	+28,149.125	+134,090.293	+4.76357
31	+27,915.710	+122,004.982	+4.37048
32	+28,544.641	+140,822.706	+4.93342
33	+29,181.411	+128,530.779	+4.40454
34	+29,958.273	+130,241.704	+4.34744
35	+30,744.059	+142,596.279	+4.63817
36	+31,049.400	+145,268.570	+4.67863
37	+31,400.530	+140,790.762	+4.48371
38	+32,078.049	+146,467.016	+4.56596
39	+31,783.841	+142,739.245	+4.49094
40	+30,644.523	+120,157.458	+3.92101
41	+29,670.084	+110,889.702	+3.73742
42	+28,405.673	+111,833.015	+3.93700

43	+27,388.169	+112,334.999	+4.10159
44	+25,841.879	+109,419.800	+4.23420
45	+24,451.937	+99,814.252	+4.08206
46	+22,850.007	+111,295.873	+4.87072
47	+21,855.782	+124,962.217	+5.71758
48	+20,876.958	+134,652.281	+6.44980

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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	+0.01595	+171,127.13	+0.00	+169,865.67	+13,879.766	+21,426.610
02	+0.01566	+186,886.94	+0.00	+185,480.11	+13,627.406	+21,426.610
03	+0.01585	+175,966.32	+0.00	+174,707.79	+13,792.745	+14,117.340
04	+0.01608	+173,405.45	+0.00	+172,000.49	+13,992.892	+14,117.340
05	+0.01587	+171,948.50	+0.00	+170,502.38	+13,810.149	+17,307.280
06	+0.01562	+176,487.06	+0.00	+175,423.23	+13,592.598	+17,307.280
07	+0.01554	+176,955.43	+0.00	+176,265.64	+13,522.982	+19,575.850
08	+0.01543	+174,385.33	+0.00	+173,297.32	+13,427.259	+19,575.850
09	+0.01550	+183,376.56	+0.00	+182,329.33	+13,488.174	+23,133.780
10	+0.01569	+184,261.30	+0.00	+183,168.79	+13,653.513	+23,133.780
11	+0.01599	+150,509.06	+0.00	+148,963.50	+13,914.574	+17,887.590
12	+0.01647	+135,261.89	+0.00	+133,512.38	+14,332.272	+17,887.590
13	+0.01781	+161,324.21	+0.00	+159,643.00	+15,498.347	+17,534.020
14	+0.02005	+153,093.11	+0.00	+150,728.37	+17,447.605	+17,534.020
15	+0.02197	+121,332.35	+0.00	+119,977.01	+19,118.398	+3,598.080
16	+0.02328	+83,813.38	+0.00	+83,107.48	+20,258.367	+3,598.080
17	+0.02373	+82,489.60	+0.00	+82,112.18	+20,649.959	-6,312.460
18	+0.02353	+81,163.81	+0.00	+80,857.61	+20,475.918	-6,312.460
19	+0.02379	+96,174.19	+0.00	+95,915.40	+20,702.171	-5,285.130
20	+0.02382	+93,378.13	+0.00	+93,208.43	+20,728.277	-5,285.130
21	+0.02374	+107,890.50	+0.00	+106,109.89	+20,658.661	-4,524.770
22	+0.02379	+114,704.75	+0.00	+114,289.05	+20,702.171	-4,524.770
23	+0.02383	+116,109.53	+0.00	+115,225.65	+20,736.979	-2,523.620
24	+0.02386	+107,684.82	+0.00	+107,237.90	+20,763.085	-2,523.620
25	+0.02389	+105,809.54	+0.00	+104,206.11	+20,789.192	-2,059.530
26	+0.02360	+110,446.46	+0.00	+110,101.83	+20,536.832	-2,059.530
27	+0.02308	+101,944.85	+0.00	+101,572.62	+20,084.326	-5,534.690
28	+0.02270	+102,001.19	+0.00	+101,747.89	+19,753.648	-5,534.690
29	+0.02252	+113,640.15	+0.00	+113,475.69	+19,597.011	-5,451.000
30	+0.02226	+100,189.22	+0.00	+99,473.13	+19,370.758	-5,451.000
31	+0.02208	+88,933.50	+0.00	+88,464.82	+19,214.121	-6,204.000
32	+0.02257	+106,616.62	+0.00	+106,400.54	+19,640.521	-6,204.000
33	+0.02308	+88,198.33	+0.00	+87,903.11	+20,084.326	-916.500
34	+0.02369	+89,706.51	+0.00	+88,516.03	+20,615.151	-916.500
35	+0.02431	+93,980.51	+0.00	+93,584.52	+21,154.678	+5,253.580
36	+0.02456	+96,327.52	+0.00	+95,806.81	+21,372.229	+5,253.580
37	+0.02483	+91,314.87	+0.00	+90,843.00	+21,607.184	+5,253.580
38	+0.02537	+95,977.72	+0.00	+95,547.25	+22,077.095	+5,253.580
39	+0.02514	+92,698.17	+0.00	+92,325.38	+21,876.947	+5,161.680
40	+0.02423	+71,982.27	+0.00	+71,381.60	+21,085.061	+5,161.680
41	+0.02346	+64,935.73	+0.00	+64,434.35	+20,415.004	+4,227.180
42	+0.02246	+73,237.59	+0.00	+72,431.25	+19,544.799	-1,026.400

43	+0.02166	+72,393.53	+.00	+70,616.74	+18,848.635	+2,730.100
44	+0.02044	+71,578.10	+.00	+69,897.55	+17,786.985	+2,730.100
45	+0.01934	+67,326.85	+.00	+64,404.36	+16,829.760	+597.750
46	+0.01807	+79,689.83	+.00	+78,171.99	+15,724.600	+597.750
47	+0.01728	+94,818.57	+.00	+93,925.09	+15,037.138	-67.000
48	+0.01651	+105,301.13	+.00	+105,001.16	+14,367.080	-67.000

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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	-342.698	+0.000	+15.639	+1,876.946	+35.921	+13,143.933
02	-336.467	+0.000	+15.354	+1,842.819	+35.268	+12,904.952
03	-340.550	+0.000	+15.541	+1,865.178	+35.696	+13,061.526
04	-345.492	+0.000	+15.766	+1,892.244	+36.214	+13,251.062
05	-340.979	+0.000	+15.560	+1,867.531	+35.741	+13,078.007
06	-335.608	+0.000	+15.315	+1,838.112	+35.178	+12,871.990
07	-333.889	+0.000	+15.237	+1,828.698	+34.998	+12,806.064
08	-331.526	+0.000	+15.129	+1,815.754	+34.750	+12,715.416
09	-333.030	+0.000	+15.198	+1,823.991	+34.908	+12,773.101
10	-337.112	+0.000	+15.384	+1,846.350	+35.335	+12,929.675
11	-343.558	+0.000	+15.678	+1,881.653	+36.011	+13,176.896
12	-353.871	+0.000	+16.149	+1,938.138	+37.092	+13,572.450
13	-382.662	+0.000	+17.462	+2,095.825	+40.110	+14,676.705
14	-430.790	+0.000	+19.659	+2,359.421	+45.155	+16,522.624
15	-472.043	+0.000	+21.541	+2,585.360	+49.479	+18,104.841
16	-500.189	+0.000	+22.826	+2,739.517	+52.429	+19,184.374
17	-509.858	+0.000	+23.267	+2,792.471	+53.442	+19,555.206
18	-505.561	+0.000	+23.071	+2,768.936	+52.992	+19,390.392
19	-511.147	+0.000	+23.326	+2,799.532	+53.577	+19,604.650
20	-511.792	+0.000	+23.355	+2,803.062	+53.645	+19,629.372
21	-510.073	+0.000	+23.277	+2,793.648	+53.465	+19,563.446
22	-511.147	+0.000	+23.326	+2,799.532	+53.577	+19,604.650
23	-512.006	+0.000	+23.365	+2,804.239	+53.667	+19,637.613
24	-512.651	+0.000	+23.394	+2,807.769	+53.735	+19,662.335
25	-513.296	+0.000	+23.424	+2,811.300	+53.803	+19,687.057
26	-507.065	+0.000	+23.139	+2,777.173	+53.149	+19,448.077
27	-495.892	+0.000	+22.630	+2,715.981	+51.978	+19,019.560
28	-487.727	+0.000	+22.257	+2,671.264	+51.123	+18,706.413
29	-483.860	+0.000	+22.080	+2,650.082	+50.717	+18,558.080
30	-478.274	+0.000	+21.826	+2,619.486	+50.132	+18,343.821
31	-474.406	+0.000	+21.649	+2,598.305	+49.726	+18,195.489
32	-484.934	+0.000	+22.130	+2,655.966	+50.830	+18,599.283
33	-495.892	+0.000	+22.630	+2,715.981	+51.978	+19,019.560
34	-508.998	+0.000	+23.228	+2,787.764	+53.352	+19,522.243
35	-522.320	+0.000	+23.836	+2,860.724	+54.748	+20,033.167
36	-527.691	+0.000	+24.081	+2,890.143	+55.312	+20,239.185
37	-533.492	+0.000	+24.345	+2,921.916	+55.920	+20,461.684
38	-545.094	+0.000	+24.875	+2,985.461	+57.136	+20,906.682
39	-540.153	+0.000	+24.649	+2,958.396	+56.618	+20,717.146
40	-520.601	+0.000	+23.757	+2,851.310	+54.568	+19,967.241
41	-504.057	+0.000	+23.002	+2,760.699	+52.834	+19,332.707
42	-482.571	+0.000	+22.022	+2,643.022	+50.582	+18,508.636

43	-465.382	+.000	+21.237	+2,548.880	+48.780	+17,849.379
44	-439.170	+.000	+20.041	+2,405.315	+46.033	+16,844.012
45	-415.535	+.000	+18.963	+2,275.870	+43.556	+15,937.534
46	-388.248	+.000	+17.717	+2,126.420	+40.695	+14,890.964
47	-371.274	+.000	+16.943	+2,033.456	+38.916	+14,239.948
48	-354.730	+.000	+16.188	+1,942.845	+37.182	+13,605.413

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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	+0.000	+100.611	+0.000	+0.000	+0.000	+0.000
02	+0.000	+98.782	+0.000	+0.000	+0.000	+0.000
03	+0.000	+99.981	+0.000	+0.000	+0.000	+0.000
04	+0.000	+101.431	+0.000	+0.000	+0.000	+0.000
05	+0.000	+100.107	+0.000	+0.000	+0.000	+0.000
06	+0.000	+98.530	+0.000	+0.000	+0.000	+0.000
07	+0.000	+98.025	+0.000	+0.000	+0.000	+0.000
08	+0.000	+97.331	+0.000	+0.000	+0.000	+0.000
09	+0.000	+97.773	+0.000	+0.000	+0.000	+0.000
10	+0.000	+98.971	+0.000	+0.000	+0.000	+0.000
11	+0.000	+100.864	+0.000	+0.000	+0.000	+0.000
12	+0.000	+103.891	+0.000	+0.000	+0.000	+0.000
13	+0.000	+112.344	+0.000	+0.000	+0.000	+0.000
14	+0.000	+126.474	+0.000	+0.000	+0.000	+0.000
15	+0.000	+138.585	+0.000	+0.000	+0.000	+0.000
16	+0.000	+146.848	+0.000	+0.000	+0.000	+0.000
17	+0.000	+149.687	+0.000	+0.000	+0.000	+0.000
18	+0.000	+148.425	+0.000	+0.000	+0.000	+0.000
19	+0.000	+150.065	+0.000	+0.000	+0.000	+0.000
20	+0.000	+150.255	+0.000	+0.000	+0.000	+0.000
21	+0.000	+149.750	+0.000	+0.000	+0.000	+0.000
22	+0.000	+150.065	+0.000	+0.000	+0.000	+0.000
23	+0.000	+150.318	+0.000	+0.000	+0.000	+0.000
24	+0.000	+150.507	+0.000	+0.000	+0.000	+0.000
25	+0.000	+150.696	+0.000	+0.000	+0.000	+0.000
26	+0.000	+148.867	+0.000	+0.000	+0.000	+0.000
27	+0.000	+145.587	+0.000	+0.000	+0.000	+0.000
28	+0.000	+143.190	+0.000	+0.000	+0.000	+0.000
29	+0.000	+142.054	+0.000	+0.000	+0.000	+0.000
30	+0.000	+140.414	+0.000	+0.000	+0.000	+0.000
31	+0.000	+139.279	+0.000	+0.000	+0.000	+0.000
32	+0.000	+142.370	+0.000	+0.000	+0.000	+0.000
33	+0.000	+145.587	+0.000	+0.000	+0.000	+0.000
34	+0.000	+149.435	+0.000	+0.000	+0.000	+0.000
35	+0.000	+153.346	+0.000	+0.000	+0.000	+0.000
36	+0.000	+154.923	+0.000	+0.000	+0.000	+0.000
37	+0.000	+156.626	+0.000	+0.000	+0.000	+0.000
38	+0.000	+160.032	+0.000	+0.000	+0.000	+0.000
39	+0.000	+158.581	+0.000	+0.000	+0.000	+0.000
40	+0.000	+152.841	+0.000	+0.000	+0.000	+0.000
41	+0.000	+147.984	+0.000	+0.000	+0.000	+0.000
42	+0.000	+141.676	+0.000	+0.000	+0.000	+0.000

43	+.000	+136.630	+.000	+.000	+.000	+.000
44	+.000	+128.934	+.000	+.000	+.000	+.000
45	+.000	+121.995	+.000	+.000	+.000	+.000
46	+.000	+113.984	+.000	+.000	+.000	+.000
47	+.000	+109.001	+.000	+.000	+.000	+.000
48	+.000	+104.144	+.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	+220,002.397
02	+ .000	+235,094.835
03	+ .000	+217,355.246
04	+ .000	+215,061.948
05	+ .000	+216,375.777
06	+ .000	+220,846.625
07	+ .000	+223,813.604
08	+ .000	+220,647.283
09	+ .000	+233,363.224
10	+ .000	+234,544.685
11	+ .000	+195,633.207
12	+ .000	+181,046.091
13	+ .000	+209,235.151
14	+ .000	+204,352.537
15	+ .000	+163,121.251
16	+ .000	+128,609.731
17	+ .000	+118,513.894
18	+ .000	+116,899.323
19	+ .000	+133,452.445
20	+ .000	+130,799.475
21	+ .000	+144,317.294
22	+ .000	+152,586.455
23	+ .000	+155,596.205
24	+ .000	+147,662.455
25	+ .000	+145,148.755
26	+ .000	+150,522.473
27	+ .000	+137,582.099
28	+ .000	+137,073.367
29	+ .000	+148,560.855
30	+ .000	+134,090.293
31	+ .000	+122,004.982
32	+ .000	+140,822.706
33	+ .000	+128,530.779
34	+ .000	+130,241.704
35	+ .000	+142,596.279
36	+ .000	+145,268.570
37	+ .000	+140,790.762
38	+ .000	+146,467.016
39	+ .000	+142,739.245
40	+ .000	+120,157.458
41	+ .000	+110,889.702
42	+ .000	+111,833.015

43	+.000	+112,334.999
44	+.000	+109,419.800
45	+.000	+99,814.252
46	+.000	+111,295.873
47	+.000	+124,962.217
48	+.000	+134,652.281