

Date: 16/09/2019

Settlement Day:08/09/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 161

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,349,473.390	+233,265,255.280
Balancing Services Contract Cost	+901,804.013	+120,020,641.040
Balancing Services Cost Variable	+315,175.140	+57,126,490.645
ESO Incentive Recovery Costs	+40,983.610	+6,598,361.210
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+19,847,301.334
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+132,675,437.440
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+664,675.620
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+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	+132,675,437.440
Total External Costs	+2,734,852.244	+437,522,725.129
Total Adjusted Energy Volume (MWh)	+1,025,913.126	

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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	+19,126.065	+93,168.641	+4.87129
02	+18,583.177	+95,163.346	+5.12094
03	+18,285.465	+100,311.476	+5.48586
04	+18,080.743	+84,099.501	+4.65133
05	+17,981.304	+83,449.216	+4.64089
06	+17,746.595	+81,890.293	+4.61442
07	+17,614.466	+86,529.828	+4.91243
08	+17,367.090	+84,966.522	+4.89239
09	+17,499.803	+92,200.327	+5.26865
10	+17,360.401	+92,547.539	+5.33096
11	+17,773.944	+87,224.669	+4.90745
12	+18,036.595	+88,501.900	+4.90680
13	+18,720.798	+86,520.854	+4.62164
14	+18,999.434	+77,610.338	+4.08488
15	+19,648.340	+63,330.132	+3.22318
16	+20,220.846	+68,657.525	+3.39538
17	+20,647.400	+60,099.211	+2.91074
18	+21,077.872	+63,230.416	+2.99985
19	+21,304.891	+59,477.637	+2.79174
20	+21,278.948	+62,803.858	+2.95146
21	+21,145.356	+60,431.843	+2.85793
22	+21,112.691	+61,315.604	+2.90421
23	+21,108.562	+64,133.864	+3.03829
24	+21,019.170	+60,871.160	+2.89598
25	+21,020.732	+73,462.780	+3.49478
26	+21,018.067	+69,805.730	+3.32123
27	+20,886.272	+62,737.404	+3.00376
28	+20,761.096	+60,134.451	+2.89650
29	+20,553.656	+54,280.903	+2.64094
30	+20,586.663	+52,504.684	+2.55042
31	+21,044.887	+49,354.805	+2.34522
32	+21,741.712	+55,642.522	+2.55925
33	+22,568.559	+67,541.915	+2.99274
34	+23,772.883	+73,923.856	+3.10959
35	+25,262.974	+80,175.274	+3.17363
36	+26,100.454	+81,312.680	+3.11537
37	+26,548.404	+85,371.381	+3.21569
38	+26,963.706	+85,675.511	+3.17744
39	+26,989.189	+84,449.819	+3.12902
40	+27,286.216	+91,527.408	+3.35435
41	+27,500.984	+93,155.686	+3.38736
42	+26,668.754	+88,048.124	+3.30155

43	+26,082.850	+84,806.624	+3.25143
44	+24,872.072	+53,335.320	+2.14439
45	+23,904.759	+62,281.812	+2.60541
46	+22,112.824	+61,240.641	+2.76946
47	+20,420.958	+67,962.120	+3.32806
48	+19,504.499	+61,656.133	+3.16112

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.01864	+43,036.61	+16,809.627	+14,822.750	+763.934	+0.000
02	+0.01811	+46,035.28	+16,331.671	+14,822.750	+742.213	+0.000
03	+0.01782	+47,453.63	+16,070.148	+19,101.870	+730.328	+0.000
04	+0.01762	+31,620.51	+15,889.787	+19,101.870	+722.131	+0.000
05	+0.01753	+31,900.98	+15,808.624	+18,341.600	+718.443	+0.000
06	+0.01730	+30,777.74	+15,601.209	+18,341.600	+709.016	+0.000
07	+0.01717	+29,753.78	+15,483.975	+24,251.350	+703.689	+0.000
08	+0.01693	+28,645.10	+15,267.542	+24,251.350	+693.853	+0.000
09	+0.01706	+32,928.07	+15,384.776	+26,955.930	+699.180	+0.000
10	+0.01692	+33,540.48	+15,258.524	+26,955.930	+693.443	+0.000
11	+0.01732	+35,283.03	+15,619.246	+19,132.800	+709.836	+0.000
12	+0.01758	+36,067.75	+15,853.715	+19,132.800	+720.492	+0.000
13	+0.01825	+36,431.94	+16,457.923	+15,518.400	+747.951	+0.000
14	+0.01852	+27,009.97	+16,701.410	+15,518.400	+759.016	+0.000
15	+0.01915	+22,748.17	+17,269.547	+4,306.600	+784.836	+0.000
16	+0.01971	+27,014.77	+17,774.557	+4,306.600	+807.787	+0.000
17	+0.02013	+26,076.96	+18,153.315	-4,109.500	+825.000	+0.000
18	+0.02055	+28,412.57	+18,532.072	-4,109.500	+842.213	+0.000
19	+0.02077	+25,776.35	+18,730.469	-5,642.800	+851.230	+0.000
20	+0.02074	+29,159.40	+18,703.415	-5,642.800	+850.000	+0.000
21	+0.02061	+26,163.84	+18,586.181	-4,773.000	+844.672	+0.000
22	+0.02058	+22,018.72	+18,559.127	+312.710	+843.443	+0.000
23	+0.02058	+23,943.23	+18,559.127	+1,206.460	+843.443	+0.000
24	+0.02049	+20,851.01	+18,477.964	+1,206.460	+839.754	+0.000
25	+0.02049	+31,008.76	+18,477.964	+3,640.330	+839.754	+0.000
26	+0.02049	+32,437.42	+18,477.964	-1,445.380	+839.754	+0.000
27	+0.02036	+24,456.60	+18,360.730	-286.630	+834.426	+0.000
28	+0.02024	+22,080.96	+18,252.513	-286.630	+829.508	+0.000
29	+0.02003	+16,650.46	+18,063.134	-311.880	+820.902	+0.000
30	+0.02007	+14,798.47	+18,099.207	-311.880	+822.541	+0.000
31	+0.02051	+10,796.61	+18,496.000	-293.380	+840.574	+0.000
32	+0.02119	+15,796.22	+19,109.227	-293.380	+868.443	+0.000
33	+0.02200	+25,867.87	+19,839.688	+0.000	+901.639	+0.000
34	+0.02317	+30,033.51	+20,894.799	+0.000	+949.590	+0.000
35	+0.02462	+33,538.23	+22,202.415	+0.000	+1,009.016	+0.000
36	+0.02544	+33,122.33	+22,941.894	+0.000	+1,042.623	+0.000
37	+0.02588	+36,347.55	+23,338.688	+0.000	+1,060.656	+0.000
38	+0.02628	+35,893.97	+23,699.409	+0.000	+1,077.049	+0.000
39	+0.02631	+34,611.45	+23,726.464	+0.000	+1,078.279	+0.000
40	+0.02660	+36,053.99	+23,987.987	+5,085.710	+1,090.164	+0.000
41	+0.02681	+37,284.47	+24,177.366	+5,085.710	+1,098.771	+0.000
42	+0.02600	+33,711.27	+23,446.904	+5,085.710	+1,065.574	+0.000

43	+0.02542	+31,568.45	+22,923.858	+5,085.710	+1,041.803	+.000
44	+0.02424	+7,418.10	+21,859.729	+.000	+993.443	+.000
45	+0.02330	+17,543.33	+21,012.034	+601.880	+954.918	+.000
46	+0.02155	+19,817.14	+19,433.876	+601.880	+883.197	+.000
47	+0.01991	+15,293.74	+17,954.918	+14,953.370	+815.984	+.000
48	+0.01901	+10,692.60	+17,143.294	+14,953.370	+779.098	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+2,298.082	+0.000	+15,360.684	+0.000	+0.000
02	+0.000	+2,232.740	+0.000	+14,923.927	+0.000	+0.000
03	+0.000	+2,196.986	+0.000	+14,684.946	+0.000	+0.000
04	+0.000	+2,172.329	+0.000	+14,520.132	+0.000	+0.000
05	+0.000	+2,161.233	+0.000	+14,445.965	+0.000	+0.000
06	+0.000	+2,132.877	+0.000	+14,256.429	+0.000	+0.000
07	+0.000	+2,116.849	+0.000	+14,149.300	+0.000	+0.000
08	+0.000	+2,087.260	+0.000	+13,951.523	+0.000	+0.000
09	+0.000	+2,103.288	+0.000	+14,058.652	+0.000	+0.000
10	+0.000	+2,086.027	+0.000	+13,943.282	+0.000	+0.000
11	+0.000	+2,135.342	+0.000	+14,272.910	+0.000	+0.000
12	+0.000	+2,167.397	+0.000	+14,487.169	+0.000	+0.000
13	+0.000	+2,250.000	+0.000	+15,039.296	+0.000	+0.000
14	+0.000	+2,283.288	+0.000	+15,261.796	+0.000	+0.000
15	+0.000	+2,360.959	+0.000	+15,780.960	+0.000	+0.000
16	+0.000	+2,430.000	+0.000	+16,242.440	+0.000	+0.000
17	+0.000	+2,481.781	+0.000	+16,588.550	+0.000	+0.000
18	+0.000	+2,533.562	+0.000	+16,934.660	+0.000	+0.000
19	+0.000	+2,560.685	+0.000	+17,115.956	+0.000	+0.000
20	+0.000	+2,556.986	+0.000	+17,091.233	+0.000	+0.000
21	+0.000	+2,540.959	+0.000	+16,984.104	+0.000	+0.000
22	+0.000	+2,537.260	+0.000	+16,959.382	+0.000	+0.000
23	+0.000	+2,537.260	+0.000	+16,959.382	+0.000	+0.000
24	+0.000	+2,526.164	+0.000	+16,885.216	+0.000	+0.000
25	+0.000	+2,526.164	+0.000	+16,885.216	+0.000	+0.000
26	+0.000	+2,526.164	+0.000	+16,885.216	+0.000	+0.000
27	+0.000	+2,510.137	+0.000	+16,778.086	+0.000	+0.000
28	+0.000	+2,495.342	+0.000	+16,679.198	+0.000	+0.000
29	+0.000	+2,469.452	+0.000	+16,506.143	+0.000	+0.000
30	+0.000	+2,474.384	+0.000	+16,539.106	+0.000	+0.000
31	+0.000	+2,528.630	+0.000	+16,901.697	+0.000	+0.000
32	+0.000	+2,612.466	+0.000	+17,462.065	+0.000	+0.000
33	+0.000	+2,712.329	+0.000	+18,129.563	+0.000	+0.000
34	+0.000	+2,856.575	+0.000	+19,093.726	+0.000	+0.000
35	+0.000	+3,035.342	+0.000	+20,288.629	+0.000	+0.000
36	+0.000	+3,136.438	+0.000	+20,964.367	+0.000	+0.000
37	+0.000	+3,190.685	+0.000	+21,326.959	+0.000	+0.000
38	+0.000	+3,240.000	+0.000	+21,656.587	+0.000	+0.000
39	+0.000	+3,243.699	+0.000	+21,681.309	+0.000	+0.000
40	+0.000	+3,279.452	+0.000	+21,920.290	+0.000	+0.000
41	+0.000	+3,305.342	+0.000	+22,093.345	+0.000	+0.000
42	+0.000	+3,205.479	+0.000	+21,425.847	+0.000	+0.000

43	+.000	+3,133.973	+.000	+20,947.886	+.000	+.000
44	+.000	+2,988.493	+.000	+19,975.482	+.000	+.000
45	+.000	+2,872.603	+.000	+19,200.855	+.000	+.000
46	+.000	+2,656.849	+.000	+17,758.731	+.000	+.000
47	+.000	+2,454.658	+.000	+16,407.254	+.000	+.000
48	+.000	+2,343.699	+.000	+15,665.590	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+76.954	+ .000	+ .000	+ .000	+ .000	+93,168.641
02	+74.766	+ .000	+ .000	+ .000	+ .000	+95,163.346
03	+73.568	+ .000	+ .000	+ .000	+ .000	+100,311.476
04	+72.743	+ .000	+ .000	+ .000	+ .000	+84,099.501
05	+72.371	+ .000	+ .000	+ .000	+ .000	+83,449.216
06	+71.422	+ .000	+ .000	+ .000	+ .000	+81,890.293
07	+70.885	+ .000	+ .000	+ .000	+ .000	+86,529.828
08	+69.894	+ .000	+ .000	+ .000	+ .000	+84,966.522
09	+70.431	+ .000	+ .000	+ .000	+ .000	+92,200.327
10	+69.853	+ .000	+ .000	+ .000	+ .000	+92,547.539
11	+71.504	+ .000	+ .000	+ .000	+ .000	+87,224.669
12	+72.578	+ .000	+ .000	+ .000	+ .000	+88,501.900
13	+75.344	+ .000	+ .000	+ .000	+ .000	+86,520.854
14	+76.458	+ .000	+ .000	+ .000	+ .000	+77,610.338
15	+79.059	+ .000	+ .000	+ .000	+ .000	+63,330.132
16	+81.371	+ .000	+ .000	+ .000	+ .000	+68,657.525
17	+83.105	+ .000	+ .000	+ .000	+ .000	+60,099.211
18	+84.839	+ .000	+ .000	+ .000	+ .000	+63,230.416
19	+85.747	+ .000	+ .000	+ .000	+ .000	+59,477.637
20	+85.623	+ .000	+ .000	+ .000	+ .000	+62,803.858
21	+85.087	+ .000	+ .000	+ .000	+ .000	+60,431.843
22	+84.963	+ .000	+ .000	+ .000	+ .000	+61,315.604
23	+84.963	+ .000	+ .000	+ .000	+ .000	+64,133.864
24	+84.591	+ .000	+ .000	+ .000	+ .000	+60,871.160
25	+84.591	+ .000	+ .000	+ .000	+ .000	+73,462.780
26	+84.591	+ .000	+ .000	+ .000	+ .000	+69,805.730
27	+84.055	+ .000	+ .000	+ .000	+ .000	+62,737.404
28	+83.559	+ .000	+ .000	+ .000	+ .000	+60,134.451
29	+82.692	+ .000	+ .000	+ .000	+ .000	+54,280.903
30	+82.857	+ .000	+ .000	+ .000	+ .000	+52,504.684
31	+84.674	+ .000	+ .000	+ .000	+ .000	+49,354.805
32	+87.481	+ .000	+ .000	+ .000	+ .000	+55,642.522
33	+90.825	+ .000	+ .000	+ .000	+ .000	+67,541.915
34	+95.655	+ .000	+ .000	+ .000	+ .000	+73,923.856
35	+101.642	+ .000	+ .000	+ .000	+ .000	+80,175.274
36	+105.027	+ .000	+ .000	+ .000	+ .000	+81,312.680
37	+106.844	+ .000	+ .000	+ .000	+ .000	+85,371.381
38	+108.495	+ .000	+ .000	+ .000	+ .000	+85,675.511
39	+108.619	+ .000	+ .000	+ .000	+ .000	+84,449.819
40	+109.816	+ .000	+ .000	+ .000	+ .000	+91,527.408
41	+110.683	+ .000	+ .000	+ .000	+ .000	+93,155.686
42	+107.339	+ .000	+ .000	+ .000	+ .000	+88,048.124



43	+104.944	+.000	+.000	+.000	+.000	+84,806.624
44	+100.073	+.000	+.000	+.000	+.000	+53,335.320
45	+96.192	+.000	+.000	+.000	+.000	+62,281.812
46	+88.967	+.000	+.000	+.000	+.000	+61,240.641
47	+82.197	+.000	+.000	+.000	+.000	+67,962.120
48	+78.481	+.000	+.000	+.000	+.000	+61,656.133