

Date: 23/09/2019

Settlement Day:14/09/2019

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: 167

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+5,266,956.790	+247,947,745.400
Balancing Services Contract Cost	+771,616.695	+124,138,966.800
Balancing Services Cost Variable	+412,139.410	+60,094,433.935
ESO Incentive Recovery Costs	+40,983.610	+6,844,262.870
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+20,587,027.360
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+137,619,863.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+689,446.140
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	+137,619,863.680
Total External Costs	+6,619,112.596	+460,301,882.505
Total Adjusted Energy Volume (MWh)	+978,186.579	

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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	+19,567.280	+74,105.829	+3.78723
02	+18,802.598	+73,853.321	+3.92783
03	+18,223.294	+78,881.899	+4.32863
04	+18,122.357	+84,190.280	+4.64566
05	+17,928.221	+81,518.673	+4.54695
06	+17,575.323	+73,739.031	+4.19560
07	+17,351.814	+70,826.181	+4.08177
08	+17,443.519	+70,319.549	+4.03127
09	+18,031.594	+74,781.281	+4.14724
10	+17,979.546	+70,455.227	+3.91863
11	+18,039.224	+73,908.712	+4.09711
12	+18,352.539	+78,250.470	+4.26374
13	+18,769.794	+85,746.198	+4.56831
14	+19,374.348	+97,680.922	+5.04177
15	+20,513.211	+111,022.474	+5.41224
16	+21,254.213	+146,273.580	+6.88210
17	+21,647.189	+140,527.345	+6.49171
18	+21,891.355	+143,502.357	+6.55521
19	+21,967.616	+169,877.914	+7.73311
20	+21,221.526	+152,132.166	+7.16877
21	+20,956.213	+149,675.753	+7.14231
22	+20,477.944	+141,910.360	+6.92991
23	+20,222.049	+137,543.177	+6.80164
24	+19,644.475	+135,376.956	+6.89135
25	+19,471.200	+148,873.711	+7.64584
26	+19,155.497	+145,266.712	+7.58355
27	+19,038.996	+168,198.102	+8.83440
28	+18,861.026	+174,313.726	+9.24201
29	+18,915.276	+192,377.551	+10.17049
30	+18,995.021	+197,379.958	+10.39114
31	+19,158.172	+202,682.793	+10.57944
32	+19,451.915	+194,823.339	+10.01564
33	+19,891.106	+196,625.118	+9.88508
34	+21,133.480	+206,761.729	+9.78361
35	+22,356.167	+200,838.558	+8.98359
36	+23,109.936	+212,841.096	+9.20994
37	+23,521.432	+224,362.203	+9.53863
38	+24,031.306	+241,962.378	+10.06863
39	+24,095.755	+229,999.854	+9.54524
40	+24,668.181	+233,850.935	+9.47986
41	+24,768.998	+227,130.974	+9.16997
42	+24,063.325	+225,974.701	+9.39083

43	+23,366.334	+224,081.319	+9.58992
44	+22,505.562	+209,252.812	+9.29783
45	+21,892.828	+204,223.267	+9.32832
46	+20,797.429	+188,568.459	+9.06691
47	+20,178.523	+241,325.674	+11.95953
48	+19,401.872	+235,351.374	+12.13034

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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	+0.02000	+15,882.08	+15,432.334	+22,942.000	+819.672	+0.000
02	+0.01922	+17,005.56	+14,830.473	+22,942.000	+787.705	+0.000
03	+0.01863	+25,689.85	+14,375.219	+20,327.100	+763.525	+0.000
04	+0.01853	+31,174.64	+14,298.057	+20,327.100	+759.426	+0.000
05	+0.01833	+27,796.64	+14,143.734	+21,386.310	+751.230	+0.000
06	+0.01797	+20,652.07	+13,865.952	+21,386.310	+736.475	+0.000
07	+0.01774	+18,948.13	+13,688.480	+20,583.140	+727.049	+0.000
08	+0.01783	+18,282.73	+13,757.926	+20,583.140	+730.738	+0.000
09	+0.01843	+24,343.08	+14,220.896	+17,926.070	+755.328	+0.000
10	+0.01838	+20,105.23	+14,182.315	+17,926.070	+753.279	+0.000
11	+0.01844	+19,230.35	+14,228.612	+22,148.590	+755.738	+0.000
12	+0.01876	+23,007.60	+14,475.529	+22,148.590	+768.853	+0.000
13	+0.01919	+27,408.42	+14,807.324	+24,484.940	+786.475	+0.000
14	+0.01981	+33,163.70	+15,285.727	+29,570.650	+811.885	+0.000
15	+0.02097	+67,850.60	+16,180.802	+6,178.960	+859.426	+0.000
16	+0.02173	+101,761.00	+16,767.231	+6,178.960	+890.574	+0.000
17	+0.02213	+107,162.38	+17,075.877	-5,674.290	+906.967	+0.000
18	+0.02238	+109,696.37	+17,268.782	-5,674.290	+917.213	+0.000
19	+0.02246	+134,410.85	+17,330.511	-4,154.340	+920.492	+0.000
20	+0.02169	+118,023.45	+16,736.366	-4,154.340	+888.935	+0.000
21	+0.02142	+114,934.99	+16,528.030	-3,045.990	+877.869	+0.000
22	+0.02093	+108,034.00	+16,149.937	-3,045.990	+857.787	+0.000
23	+0.02067	+111,383.52	+15,949.317	-10,304.030	+847.131	+0.000
24	+0.02008	+110,258.11	+15,494.063	-10,304.030	+822.951	+0.000
25	+0.01991	+122,127.06	+15,362.888	-8,376.330	+815.984	+0.000
26	+0.01958	+119,102.21	+15,108.255	-8,376.330	+802.459	+0.000
27	+0.01946	+141,112.70	+15,015.661	-7,243.740	+797.541	+0.000
28	+0.01928	+147,545.86	+14,876.770	-7,243.740	+790.164	+0.000
29	+0.01934	+162,583.12	+14,923.067	-4,323.020	+792.623	+0.000
30	+0.01942	+166,206.90	+14,984.796	-3,085.520	+795.902	+0.000
31	+0.01959	+171,790.74	+15,115.971	-3,666.420	+802.869	+0.000
32	+0.01989	+163,402.06	+15,347.456	-3,666.420	+815.164	+0.000
33	+0.02033	+150,198.52	+15,686.967	+10,562.700	+833.197	+0.000
34	+0.02160	+158,094.74	+16,666.921	+10,562.700	+885.246	+0.000
35	+0.02285	+154,865.46	+17,631.441	+5,663.700	+936.475	+0.000
36	+0.02363	+165,492.01	+18,233.303	+5,663.700	+968.443	+0.000
37	+0.02405	+174,516.70	+18,557.382	+7,419.200	+985.656	+0.000
38	+0.02457	+191,199.55	+18,958.622	+7,419.200	+1,006.967	+0.000
39	+0.02463	+181,431.88	+19,004.919	+5,118.500	+1,009.426	+0.000
40	+0.02522	+184,242.15	+19,460.173	+5,118.500	+1,033.607	+0.000
41	+0.02532	+179,606.15	+19,537.335	+2,858.130	+1,037.705	+0.000
42	+0.02460	+179,720.02	+18,981.771	+2,858.130	+1,008.197	+0.000

43	+0.02389	+181,681.22	+18,433.923	+256.050	+979.098	+.000
44	+0.02301	+168,405.11	+17,754.900	+256.050	+943.033	+.000
45	+0.02238	+158,593.94	+17,268.782	+6,149.050	+917.213	+.000
46	+0.02126	+144,914.91	+16,404.571	+6,149.050	+871.312	+.000
47	+0.02063	+149,240.73	+15,918.452	+55,691.820	+845.492	+.000
48	+0.01983	+144,677.70	+15,301.159	+55,691.820	+812.705	+.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	+2,465.753	+0.000	+16,481.421	+0.000	+0.000
02	+0.000	+2,369.589	+0.000	+15,838.645	+0.000	+0.000
03	+0.000	+2,296.849	+0.000	+15,352.443	+0.000	+0.000
04	+0.000	+2,284.521	+0.000	+15,270.036	+0.000	+0.000
05	+0.000	+2,259.863	+0.000	+15,105.222	+0.000	+0.000
06	+0.000	+2,215.479	+0.000	+14,808.557	+0.000	+0.000
07	+0.000	+2,187.123	+0.000	+14,619.020	+0.000	+0.000
08	+0.000	+2,198.219	+0.000	+14,693.187	+0.000	+0.000
09	+0.000	+2,272.192	+0.000	+15,187.629	+0.000	+0.000
10	+0.000	+2,266.027	+0.000	+15,146.426	+0.000	+0.000
11	+0.000	+2,273.425	+0.000	+15,195.870	+0.000	+0.000
12	+0.000	+2,312.877	+0.000	+15,459.573	+0.000	+0.000
13	+0.000	+2,365.890	+0.000	+15,813.923	+0.000	+0.000
14	+0.000	+2,442.329	+0.000	+16,324.847	+0.000	+0.000
15	+0.000	+2,585.342	+0.000	+17,280.770	+0.000	+0.000
16	+0.000	+2,679.041	+0.000	+17,907.064	+0.000	+0.000
17	+0.000	+2,728.356	+0.000	+18,236.692	+0.000	+0.000
18	+0.000	+2,759.178	+0.000	+18,442.710	+0.000	+0.000
19	+0.000	+2,769.041	+0.000	+18,508.636	+0.000	+0.000
20	+0.000	+2,674.110	+0.000	+17,874.101	+0.000	+0.000
21	+0.000	+2,640.822	+0.000	+17,651.602	+0.000	+0.000
22	+0.000	+2,580.411	+0.000	+17,247.807	+0.000	+0.000
23	+0.000	+2,548.356	+0.000	+17,033.548	+0.000	+0.000
24	+0.000	+2,475.616	+0.000	+16,547.346	+0.000	+0.000
25	+0.000	+2,454.658	+0.000	+16,407.254	+0.000	+0.000
26	+0.000	+2,413.973	+0.000	+16,135.311	+0.000	+0.000
27	+0.000	+2,399.178	+0.000	+16,036.422	+0.000	+0.000
28	+0.000	+2,376.986	+0.000	+15,888.090	+0.000	+0.000
29	+0.000	+2,384.384	+0.000	+15,937.534	+0.000	+0.000
30	+0.000	+2,394.247	+0.000	+16,003.460	+0.000	+0.000
31	+0.000	+2,415.205	+0.000	+16,143.552	+0.000	+0.000
32	+0.000	+2,452.192	+0.000	+16,390.773	+0.000	+0.000
33	+0.000	+2,506.438	+0.000	+16,753.364	+0.000	+0.000
34	+0.000	+2,663.014	+0.000	+17,799.934	+0.000	+0.000
35	+0.000	+2,817.123	+0.000	+18,830.023	+0.000	+0.000
36	+0.000	+2,913.288	+0.000	+19,472.799	+0.000	+0.000
37	+0.000	+2,965.068	+0.000	+19,818.909	+0.000	+0.000
38	+0.000	+3,029.178	+0.000	+20,247.425	+0.000	+0.000
39	+0.000	+3,036.575	+0.000	+20,296.870	+0.000	+0.000
40	+0.000	+3,109.315	+0.000	+20,783.072	+0.000	+0.000
41	+0.000	+3,121.644	+0.000	+20,865.479	+0.000	+0.000
42	+0.000	+3,032.877	+0.000	+20,272.148	+0.000	+0.000

43	+.000	+2,945.342	+.000	+19,687.057	+.000	+.000
44	+.000	+2,836.849	+.000	+18,961.875	+.000	+.000
45	+.000	+2,759.178	+.000	+18,442.710	+.000	+.000
46	+.000	+2,621.096	+.000	+17,519.750	+.000	+.000
47	+.000	+2,543.425	+.000	+17,000.586	+.000	+.000
48	+.000	+2,444.795	+.000	+16,341.329	+.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	+82.568	+ .000	+ .000	+ .000	+ .000	+74,105.829
02	+79.348	+ .000	+ .000	+ .000	+ .000	+73,853.321
03	+76.912	+ .000	+ .000	+ .000	+ .000	+78,881.899
04	+76.500	+ .000	+ .000	+ .000	+ .000	+84,190.280
05	+75.674	+ .000	+ .000	+ .000	+ .000	+81,518.673
06	+74.188	+ .000	+ .000	+ .000	+ .000	+73,739.031
07	+73.238	+ .000	+ .000	+ .000	+ .000	+70,826.181
08	+73.610	+ .000	+ .000	+ .000	+ .000	+70,319.549
09	+76.087	+ .000	+ .000	+ .000	+ .000	+74,781.281
10	+75.880	+ .000	+ .000	+ .000	+ .000	+70,455.227
11	+76.128	+ .000	+ .000	+ .000	+ .000	+73,908.712
12	+77.449	+ .000	+ .000	+ .000	+ .000	+78,250.470
13	+79.224	+ .000	+ .000	+ .000	+ .000	+85,746.198
14	+81.784	+ .000	+ .000	+ .000	+ .000	+97,680.922
15	+86.573	+ .000	+ .000	+ .000	+ .000	+111,022.474
16	+89.711	+ .000	+ .000	+ .000	+ .000	+146,273.580
17	+91.362	+ .000	+ .000	+ .000	+ .000	+140,527.345
18	+92.394	+ .000	+ .000	+ .000	+ .000	+143,502.357
19	+92.724	+ .000	+ .000	+ .000	+ .000	+169,877.914
20	+89.545	+ .000	+ .000	+ .000	+ .000	+152,132.166
21	+88.431	+ .000	+ .000	+ .000	+ .000	+149,675.753
22	+86.408	+ .000	+ .000	+ .000	+ .000	+141,910.360
23	+85.334	+ .000	+ .000	+ .000	+ .000	+137,543.177
24	+82.899	+ .000	+ .000	+ .000	+ .000	+135,376.956
25	+82.197	+ .000	+ .000	+ .000	+ .000	+148,873.711
26	+80.834	+ .000	+ .000	+ .000	+ .000	+145,266.712
27	+80.339	+ .000	+ .000	+ .000	+ .000	+168,198.102
28	+79.596	+ .000	+ .000	+ .000	+ .000	+174,313.726
29	+79.844	+ .000	+ .000	+ .000	+ .000	+192,377.551
30	+80.174	+ .000	+ .000	+ .000	+ .000	+197,379.958
31	+80.876	+ .000	+ .000	+ .000	+ .000	+202,682.793
32	+82.114	+ .000	+ .000	+ .000	+ .000	+194,823.339
33	+83.931	+ .000	+ .000	+ .000	+ .000	+196,625.118
34	+89.174	+ .000	+ .000	+ .000	+ .000	+206,761.729
35	+94.334	+ .000	+ .000	+ .000	+ .000	+200,838.558
36	+97.555	+ .000	+ .000	+ .000	+ .000	+212,841.096
37	+99.289	+ .000	+ .000	+ .000	+ .000	+224,362.203
38	+101.435	+ .000	+ .000	+ .000	+ .000	+241,962.378
39	+101.683	+ .000	+ .000	+ .000	+ .000	+229,999.854
40	+104.119	+ .000	+ .000	+ .000	+ .000	+233,850.935
41	+104.532	+ .000	+ .000	+ .000	+ .000	+227,130.974
42	+101.559	+ .000	+ .000	+ .000	+ .000	+225,974.701

43	+98.628	+ .000	+ .000	+ .000	+ .000	+224,081.319
44	+94.995	+ .000	+ .000	+ .000	+ .000	+209,252.812
45	+92.394	+ .000	+ .000	+ .000	+ .000	+204,223.267
46	+87.770	+ .000	+ .000	+ .000	+ .000	+188,568.459
47	+85.169	+ .000	+ .000	+ .000	+ .000	+241,325.674
48	+81.867	+ .000	+ .000	+ .000	+ .000	+235,351.374