

Date: 17/09/2019

Settlement Day:22/08/2019

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: 144

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+3,828,508.030	+192,921,718.570
Balancing Services Contract Cost	+1,422,272.529	+125,581,444.488
Balancing Services Cost Variable	+403,963.810	+45,021,376.295
ESO Incentive Recovery Costs	+40,983.610	+5,901,639.840
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+128,156.627	+16,386,265.689
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+118,666,229.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+594,492.480
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	+118,666,229.760
Total External Costs	+5,828,013.026	+386,406,937.362
Total Adjusted Energy Volume (MWh)	+1,098,100.254	

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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	+18,699.404	+141,950.456	+7.59118
02	+18,287.352	+135,695.534	+7.42018
03	+18,458.766	+180,974.162	+9.80424
04	+18,486.528	+186,307.350	+10.07801
05	+18,230.128	+190,713.983	+10.46147
06	+17,967.512	+148,263.696	+8.25177
07	+17,791.998	+139,677.748	+7.85059
08	+17,636.854	+131,346.302	+7.44726
09	+17,695.546	+122,816.503	+6.94053
10	+17,930.584	+124,563.358	+6.94698
11	+17,989.546	+120,452.438	+6.69569
12	+18,458.425	+124,504.502	+6.74513
13	+19,657.367	+120,716.639	+6.14104
14	+21,188.456	+130,375.416	+6.15313
15	+23,008.815	+103,172.606	+4.48405
16	+23,956.647	+120,459.139	+5.02821
17	+24,770.797	+137,206.962	+5.53906
18	+24,774.713	+142,111.482	+5.73615
19	+24,649.207	+144,535.874	+5.86371
20	+24,222.907	+139,342.146	+5.75249
21	+23,897.839	+128,339.812	+5.37035
22	+24,108.453	+110,536.158	+4.58495
23	+24,170.376	+108,530.675	+4.49024
24	+24,262.570	+122,108.570	+5.03280
25	+24,527.752	+142,215.837	+5.79816
26	+24,296.874	+150,002.999	+6.17376
27	+24,113.037	+149,160.014	+6.18587
28	+23,792.597	+146,060.597	+6.13891
29	+23,681.553	+145,379.116	+6.13892
30	+23,514.839	+132,167.608	+5.62060
31	+23,574.300	+130,050.624	+5.51663
32	+23,916.398	+139,452.924	+5.83085
33	+24,502.718	+141,104.559	+5.75873
34	+25,459.163	+171,409.321	+6.73272
35	+26,296.161	+173,925.493	+6.61410
36	+27,055.404	+162,061.345	+5.98998
37	+27,427.989	+166,607.163	+6.07435
38	+27,354.956	+175,731.891	+6.42413
39	+27,534.083	+155,488.559	+5.64713
40	+27,448.354	+163,775.146	+5.96667
41	+27,185.900	+146,924.699	+5.40444
42	+27,334.038	+146,551.048	+5.36149

43	+26,480.669	+125,830.071	+4.75177
44	+25,123.855	+107,633.508	+4.28412
45	+23,864.504	+104,040.644	+4.35964
46	+22,417.031	+90,811.186	+4.05099
47	+21,012.128	+114,991.672	+5.47263
48	+19,885.161	+115,982.337	+5.83261

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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	+0.01703	+75,251.88	+24,221.301	+25,492.580	+697.951	+0.000
02	+0.01665	+69,916.41	+23,680.838	+25,492.580	+682.377	+0.000
03	+0.01681	+113,526.67	+23,908.401	+26,773.810	+688.934	+0.000
04	+0.01684	+118,787.27	+23,951.069	+26,773.810	+690.164	+0.000
05	+0.01660	+121,215.86	+23,609.724	+29,332.560	+680.328	+0.000
06	+0.01636	+79,346.28	+23,268.379	+29,332.560	+670.492	+0.000
07	+0.01620	+66,437.31	+23,040.815	+34,042.720	+663.934	+0.000
08	+0.01606	+58,444.61	+22,841.697	+34,042.720	+658.197	+0.000
09	+0.01611	+57,797.90	+22,912.810	+26,038.650	+660.246	+0.000
10	+0.01633	+59,012.44	+23,225.710	+26,038.650	+669.262	+0.000
11	+0.01638	+56,499.02	+23,296.824	+24,320.170	+671.312	+0.000
12	+0.01681	+59,510.65	+23,908.401	+24,320.170	+688.934	+0.000
13	+0.01790	+51,638.12	+25,458.678	+25,767.460	+733.607	+0.000
14	+0.01930	+52,823.73	+27,449.860	+30,853.170	+790.984	+0.000
15	+0.02095	+54,110.53	+29,796.609	-1,628.800	+858.607	+0.000
16	+0.02182	+69,292.00	+31,033.987	-1,628.800	+894.262	+0.000
17	+0.02256	+84,672.35	+32,086.468	-2,051.840	+924.590	+0.000
18	+0.02256	+89,576.87	+32,086.468	-2,051.840	+924.590	+0.000
19	+0.02245	+91,487.88	+31,930.018	-1,272.300	+920.082	+0.000
20	+0.02206	+87,237.80	+31,375.332	-1,272.300	+904.098	+0.000
21	+0.02176	+76,526.40	+30,948.650	-837.350	+891.803	+0.000
22	+0.02195	+58,263.02	+31,218.882	-837.350	+899.590	+0.000
23	+0.02201	+55,077.69	+31,304.218	+197.320	+902.049	+0.000
24	+0.02210	+68,437.82	+31,432.223	+197.320	+905.738	+0.000
25	+0.02234	+87,679.88	+31,773.568	+481.820	+915.574	+0.000
26	+0.02213	+95,975.16	+31,474.891	+481.820	+906.967	+0.000
27	+0.02196	+102,668.09	+31,233.105	-6,642.760	+900.000	+0.000
28	+0.02167	+100,270.36	+30,820.646	-6,642.760	+888.115	+0.000
29	+0.02157	+99,753.54	+30,678.418	-6,565.460	+884.016	+0.000
30	+0.02141	+86,929.17	+30,450.855	-6,565.460	+877.459	+0.000
31	+0.02147	+83,985.30	+30,536.191	-5,883.750	+879.918	+0.000
32	+0.02178	+92,637.52	+30,977.096	-5,883.750	+892.623	+0.000
33	+0.02231	+85,762.60	+31,730.900	+1,360.410	+914.344	+0.000
34	+0.02318	+113,962.30	+32,968.277	+1,360.410	+950.000	+0.000
35	+0.02395	+111,388.33	+34,063.427	+4,587.450	+981.557	+0.000
36	+0.02464	+97,854.65	+35,044.795	+4,587.450	+1,009.836	+0.000
37	+0.02498	+87,893.97	+35,528.368	+18,271.280	+1,023.771	+0.000
38	+0.02491	+97,188.07	+35,428.809	+18,271.280	+1,020.902	+0.000
39	+0.02507	+90,058.68	+35,656.372	+4,770.200	+1,027.459	+0.000
40	+0.02500	+98,514.64	+35,556.813	+4,770.200	+1,024.590	+0.000
41	+0.02476	+86,442.90	+35,215.468	+572.200	+1,014.754	+0.000
42	+0.02489	+85,754.70	+35,400.363	+572.200	+1,020.082	+0.000

43	+0.02411	+71,051.73	+34,290.991	-3,558.510	+988.115	+.000
44	+0.02288	+55,831.29	+32,541.595	-3,558.510	+937.705	+.000
45	+0.02173	+60,824.23	+30,905.982	-9,361.760	+890.574	+.000
46	+0.02041	+50,788.66	+29,028.582	-9,361.760	+836.475	+.000
47	+0.01913	+53,471.54	+27,208.073	+15,232.950	+784.016	+.000
48	+0.01811	+56,930.21	+25,757.356	+15,232.950	+742.213	+.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	+2,182.507	+0.000	+14,033.930	+0.000	+0.000
02	+0.000	+2,133.808	+0.000	+13,720.783	+0.000	+0.000
03	+0.000	+2,154.313	+0.000	+13,852.634	+0.000	+0.000
04	+0.000	+2,158.158	+0.000	+13,877.356	+0.000	+0.000
05	+0.000	+2,127.400	+0.000	+13,679.579	+0.000	+0.000
06	+0.000	+2,096.642	+0.000	+13,481.802	+0.000	+0.000
07	+0.000	+2,076.137	+0.000	+13,349.951	+0.000	+0.000
08	+0.000	+2,058.195	+0.000	+13,234.581	+0.000	+0.000
09	+0.000	+2,064.603	+0.000	+13,275.784	+0.000	+0.000
10	+0.000	+2,092.798	+0.000	+13,457.080	+0.000	+0.000
11	+0.000	+2,099.206	+0.000	+13,498.284	+0.000	+0.000
12	+0.000	+2,154.313	+0.000	+13,852.634	+0.000	+0.000
13	+0.000	+2,294.004	+0.000	+14,750.872	+0.000	+0.000
14	+0.000	+2,473.423	+0.000	+15,904.571	+0.000	+0.000
15	+0.000	+2,684.881	+0.000	+17,264.288	+0.000	+0.000
16	+0.000	+2,796.378	+0.000	+17,981.230	+0.000	+0.000
17	+0.000	+2,891.214	+0.000	+18,591.043	+0.000	+0.000
18	+0.000	+2,891.214	+0.000	+18,591.043	+0.000	+0.000
19	+0.000	+2,877.116	+0.000	+18,500.395	+0.000	+0.000
20	+0.000	+2,827.135	+0.000	+18,179.007	+0.000	+0.000
21	+0.000	+2,788.688	+0.000	+17,931.786	+0.000	+0.000
22	+0.000	+2,813.038	+0.000	+18,088.359	+0.000	+0.000
23	+0.000	+2,820.727	+0.000	+18,137.804	+0.000	+0.000
24	+0.000	+2,832.261	+0.000	+18,211.970	+0.000	+0.000
25	+0.000	+2,863.019	+0.000	+18,409.747	+0.000	+0.000
26	+0.000	+2,836.106	+0.000	+18,236.692	+0.000	+0.000
27	+0.000	+2,814.320	+0.000	+18,096.600	+0.000	+0.000
28	+0.000	+2,777.154	+0.000	+17,857.619	+0.000	+0.000
29	+0.000	+2,764.338	+0.000	+17,775.212	+0.000	+0.000
30	+0.000	+2,743.833	+0.000	+17,643.361	+0.000	+0.000
31	+0.000	+2,751.523	+0.000	+17,692.805	+0.000	+0.000
32	+0.000	+2,791.251	+0.000	+17,948.267	+0.000	+0.000
33	+0.000	+2,859.174	+0.000	+18,385.025	+0.000	+0.000
34	+0.000	+2,970.671	+0.000	+19,101.967	+0.000	+0.000
35	+0.000	+3,069.351	+0.000	+19,736.501	+0.000	+0.000
36	+0.000	+3,157.779	+0.000	+20,305.110	+0.000	+0.000
37	+0.000	+3,201.353	+0.000	+20,585.295	+0.000	+0.000
38	+0.000	+3,192.382	+0.000	+20,527.610	+0.000	+0.000
39	+0.000	+3,212.887	+0.000	+20,659.461	+0.000	+0.000
40	+0.000	+3,203.916	+0.000	+20,601.776	+0.000	+0.000
41	+0.000	+3,173.158	+0.000	+20,403.999	+0.000	+0.000
42	+0.000	+3,189.818	+0.000	+20,511.128	+0.000	+0.000

43	+.000	+3,089.856	+.000	+19,868.353	+.000	+.000
44	+.000	+2,932.224	+.000	+18,854.745	+.000	+.000
45	+.000	+2,784.844	+.000	+17,907.064	+.000	+.000
46	+.000	+2,615.677	+.000	+16,819.290	+.000	+.000
47	+.000	+2,451.636	+.000	+15,764.479	+.000	+.000
48	+.000	+2,320.917	+.000	+14,923.927	+.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	+70.307	+0.000	+0.000	+0.000	+0.000	+141,950.456
02	+68.738	+0.000	+0.000	+0.000	+0.000	+135,695.534
03	+69.399	+0.000	+0.000	+0.000	+0.000	+180,974.162
04	+69.523	+0.000	+0.000	+0.000	+0.000	+186,307.350
05	+68.532	+0.000	+0.000	+0.000	+0.000	+190,713.983
06	+67.541	+0.000	+0.000	+0.000	+0.000	+148,263.696
07	+66.880	+0.000	+0.000	+0.000	+0.000	+139,677.748
08	+66.302	+0.000	+0.000	+0.000	+0.000	+131,346.302
09	+66.509	+0.000	+0.000	+0.000	+0.000	+122,816.503
10	+67.417	+0.000	+0.000	+0.000	+0.000	+124,563.358
11	+67.624	+0.000	+0.000	+0.000	+0.000	+120,452.438
12	+69.399	+0.000	+0.000	+0.000	+0.000	+124,504.502
13	+73.899	+0.000	+0.000	+0.000	+0.000	+120,716.639
14	+79.679	+0.000	+0.000	+0.000	+0.000	+130,375.416
15	+86.490	+0.000	+0.000	+0.000	+0.000	+103,172.606
16	+90.082	+0.000	+0.000	+0.000	+0.000	+120,459.139
17	+93.137	+0.000	+0.000	+0.000	+0.000	+137,206.962
18	+93.137	+0.000	+0.000	+0.000	+0.000	+142,111.482
19	+92.683	+0.000	+0.000	+0.000	+0.000	+144,535.874
20	+91.073	+0.000	+0.000	+0.000	+0.000	+139,342.146
21	+89.834	+0.000	+0.000	+0.000	+0.000	+128,339.812
22	+90.619	+0.000	+0.000	+0.000	+0.000	+110,536.158
23	+90.867	+0.000	+0.000	+0.000	+0.000	+108,530.675
24	+91.238	+0.000	+0.000	+0.000	+0.000	+122,108.570
25	+92.229	+0.000	+0.000	+0.000	+0.000	+142,215.837
26	+91.362	+0.000	+0.000	+0.000	+0.000	+150,002.999
27	+90.660	+0.000	+0.000	+0.000	+0.000	+149,160.014
28	+89.463	+0.000	+0.000	+0.000	+0.000	+146,060.597
29	+89.050	+0.000	+0.000	+0.000	+0.000	+145,379.116
30	+88.389	+0.000	+0.000	+0.000	+0.000	+132,167.608
31	+88.637	+0.000	+0.000	+0.000	+0.000	+130,050.624
32	+89.917	+0.000	+0.000	+0.000	+0.000	+139,452.924
33	+92.105	+0.000	+0.000	+0.000	+0.000	+141,104.559
34	+95.697	+0.000	+0.000	+0.000	+0.000	+171,409.321
35	+98.876	+0.000	+0.000	+0.000	+0.000	+173,925.493
36	+101.724	+0.000	+0.000	+0.000	+0.000	+162,061.345
37	+103.128	+0.000	+0.000	+0.000	+0.000	+166,607.163
38	+102.839	+0.000	+0.000	+0.000	+0.000	+175,731.891
39	+103.499	+0.000	+0.000	+0.000	+0.000	+155,488.559
40	+103.211	+0.000	+0.000	+0.000	+0.000	+163,775.146
41	+102.220	+0.000	+0.000	+0.000	+0.000	+146,924.699
42	+102.756	+0.000	+0.000	+0.000	+0.000	+146,551.048



43	+99.536	+.000	+.000	+.000	+.000	+125,830.071
44	+94.458	+.000	+.000	+.000	+.000	+107,633.508
45	+89.711	+.000	+.000	+.000	+.000	+104,040.644
46	+84.261	+.000	+.000	+.000	+.000	+90,811.186
47	+78.977	+.000	+.000	+.000	+.000	+114,991.672
48	+74.766	+.000	+.000	+.000	+.000	+115,982.337