

Date: 11/10/2019

Settlement Day:18/09/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:02

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 171

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+455,058.220	+253,237,799.040
Balancing Services Contract Cost	+799,884.825	+152,439,625.154
Balancing Services Cost Variable	+470,736.450	+63,126,842.345
ESO Incentive Recovery Costs	+32,786.300	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+114,162.550	+19,665,336.870
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+140,916,147.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+705,959.820
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	+140,916,147.840
Total External Costs	+1,876,756.765	+496,175,563.229
Total Adjusted Energy Volume (MWh)	+1,268,403.402	

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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	+21,058.012	+55,942.610	+2.65660
02	+20,577.518	+58,325.267	+2.83442
03	+20,547.794	+56,907.607	+2.76952
04	+20,329.371	+52,666.801	+2.59068
05	+20,407.270	+52,781.403	+2.58640
06	+20,211.719	+49,971.338	+2.47239
07	+20,374.163	+50,214.462	+2.46461
08	+20,340.183	+49,856.241	+2.45112
09	+20,532.108	+53,414.566	+2.60151
10	+20,724.075	+53,056.061	+2.56012
11	+21,074.031	+55,224.140	+2.62048
12	+21,984.225	+59,617.094	+2.71181
13	+24,500.059	+62,043.170	+2.53237
14	+26,893.294	+78,768.042	+2.92891
15	+28,901.105	+72,477.075	+2.50776
16	+30,022.843	+83,538.854	+2.78251
17	+29,973.331	+83,666.803	+2.79137
18	+29,169.303	+77,651.572	+2.66210
19	+29,000.202	+75,599.917	+2.60688
20	+28,584.742	+60,880.927	+2.12984
21	+28,316.406	+62,950.030	+2.22309
22	+27,986.779	+57,565.861	+2.05689
23	+27,693.417	+61,146.883	+2.20799
24	+27,222.726	+50,496.921	+1.85495
25	+27,131.449	+45,324.579	+1.67056
26	+26,761.510	+41,165.499	+1.53824
27	+26,360.398	+26,783.229	+1.01604
28	+26,163.589	+31,115.704	+1.18928
29	+26,163.477	+34,139.754	+1.30486
30	+26,103.551	+35,759.992	+1.36993
31	+26,444.933	+29,443.691	+1.11340
32	+27,493.264	+42,931.448	+1.56153
33	+28,619.503	+43,807.618	+1.53069
34	+29,952.203	+57,035.652	+1.90422
35	+30,919.114	+59,327.058	+1.91878
36	+31,220.867	+67,275.995	+2.15484
37	+31,567.819	+72,666.225	+2.30191
38	+31,919.697	+67,906.934	+2.12743
39	+32,331.338	+67,992.645	+2.10300
40	+32,541.830	+65,039.520	+1.99864
41	+32,009.371	+57,248.426	+1.78849
42	+31,216.476	+58,008.155	+1.85825

43	+30,342.541	+62,768.403	+2.06866
44	+28,538.840	+54,296.296	+1.90254
45	+27,325.576	+61,212.874	+2.24013
46	+25,574.203	+43,108.288	+1.68562
47	+23,362.903	+47,301.010	+2.02462
48	+21,914.274	+54,405.163	+2.48264

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
		Costs(£)				
01	+0.01660	+1,594.06	+13,278.088	+24,883.000	+544.253	+0.000
02	+0.01622	+4,651.23	+12,974.132	+24,883.000	+531.794	+0.000
03	+0.01620	+3,255.07	+12,958.134	+24,897.000	+531.138	+0.000
04	+0.01603	-683.98	+12,822.154	+24,897.000	+525.564	+0.000
05	+0.01609	-698.88	+12,870.147	+24,920.000	+527.532	+0.000
06	+0.01593	-3,224.94	+12,742.165	+24,920.000	+522.286	+0.000
07	+0.01606	-3,127.57	+12,846.150	+24,835.000	+526.548	+0.000
08	+0.01604	-3,450.29	+12,830.153	+24,835.000	+525.892	+0.000
09	+0.01619	+63.28	+12,950.135	+24,613.500	+530.810	+0.000
10	+0.01634	-561.48	+13,070.118	+24,613.500	+535.728	+0.000
11	+0.01661	-1,414.16	+13,286.087	+27,155.000	+544.580	+0.000
12	+0.01733	+1,700.77	+13,862.004	+27,155.000	+568.187	+0.000
13	+0.01932	+594.53	+15,453.775	+27,155.000	+633.431	+0.000
14	+0.02120	+8,933.19	+16,957.558	+32,204.150	+695.070	+0.000
15	+0.02279	+26,974.92	+18,229.375	+5,049.150	+747.200	+0.000
16	+0.02367	+36,474.67	+18,933.274	+5,049.150	+776.052	+0.000
17	+0.02363	+36,673.62	+18,901.278	+5,049.150	+774.740	+0.000
18	+0.02300	+31,776.66	+18,397.351	+5,049.150	+754.085	+0.000
19	+0.02286	+29,973.51	+18,285.367	+5,049.150	+749.495	+0.000
20	+0.02254	+15,822.53	+18,029.404	+5,049.150	+739.003	+0.000
21	+0.02232	+18,282.14	+17,853.429	+5,049.150	+731.790	+0.000
22	+0.02206	+13,359.48	+17,645.459	+5,049.150	+723.266	+0.000
23	+0.02183	+17,348.76	+17,461.486	+5,049.150	+715.725	+0.000
24	+0.02146	+7,355.56	+17,165.528	+5,049.150	+703.594	+0.000
25	+0.02139	+2,307.47	+17,109.536	+5,049.150	+701.299	+0.000
26	+0.02110	-1,336.85	+16,877.570	+5,049.150	+691.791	+0.000
27	+0.02078	-10,101.96	+16,621.607	+0.000	+681.299	+0.000
28	+0.02063	-5,503.23	+16,501.624	+0.000	+676.381	+0.000
29	+0.02063	-2,479.18	+16,501.624	+0.000	+676.381	+0.000
30	+0.02058	-770.19	+16,461.630	+0.000	+674.742	+0.000
31	+0.02085	-7,565.75	+16,677.599	+0.000	+683.594	+0.000
32	+0.02168	+4,448.73	+17,341.503	+0.000	+710.807	+0.000
33	+0.02256	-1,286.28	+18,045.402	+5,049.150	+739.659	+0.000
34	+0.02361	+10,077.97	+18,885.281	+5,049.150	+774.085	+0.000
35	+0.02438	+11,002.60	+19,501.192	+5,049.150	+799.330	+0.000
36	+0.02461	+18,543.28	+19,685.166	+5,049.150	+806.871	+0.000
37	+0.02489	+23,436.50	+19,909.133	+5,049.150	+816.051	+0.000
38	+0.02517	+18,180.20	+20,133.101	+5,049.150	+825.231	+0.000
39	+0.02549	+17,697.90	+20,389.064	+5,049.150	+835.723	+0.000
40	+0.02566	+14,443.02	+20,525.045	+5,049.150	+841.296	+0.000
41	+0.02524	+7,397.44	+20,189.093	+5,049.150	+827.526	+0.000
42	+0.02461	+9,275.44	+19,685.166	+5,049.150	+806.871	+0.000

43	+0.02392	+20,309.61	+19,133.245	+ .000	+784.248	+ .000
44	+0.02250	+14,358.05	+17,997.409	+ .000	+737.692	+ .000
45	+0.02154	+22,438.66	+17,229.519	+540.000	+706.217	+ .000
46	+0.02016	+6,783.62	+16,125.678	+540.000	+660.972	+ .000
47	+0.01842	+16,300.40	+14,733.878	-1,695.500	+603.924	+ .000
48	+0.01728	+25,428.09	+13,822.010	-1,695.500	+566.547	+ .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	+1,895.098	+0.000	+13,679.579	+0.000	+0.000
02	+0.000	+1,851.717	+0.000	+13,366.432	+0.000	+0.000
03	+0.000	+1,849.433	+0.000	+13,349.951	+0.000	+0.000
04	+0.000	+1,830.026	+0.000	+13,209.859	+0.000	+0.000
05	+0.000	+1,836.875	+0.000	+13,259.303	+0.000	+0.000
06	+0.000	+1,818.609	+0.000	+13,127.452	+0.000	+0.000
07	+0.000	+1,833.451	+0.000	+13,234.581	+0.000	+0.000
08	+0.000	+1,831.167	+0.000	+13,218.099	+0.000	+0.000
09	+0.000	+1,848.292	+0.000	+13,341.710	+0.000	+0.000
10	+0.000	+1,865.416	+0.000	+13,465.321	+0.000	+0.000
11	+0.000	+1,896.240	+0.000	+13,687.820	+0.000	+0.000
12	+0.000	+1,978.437	+0.000	+14,281.151	+0.000	+0.000
13	+0.000	+2,205.620	+0.000	+15,921.052	+0.000	+0.000
14	+0.000	+2,420.246	+0.000	+17,470.306	+0.000	+0.000
15	+0.000	+2,601.765	+0.000	+18,780.579	+0.000	+0.000
16	+0.000	+2,702.228	+0.000	+19,505.762	+0.000	+0.000
17	+0.000	+2,697.661	+0.000	+19,472.799	+0.000	+0.000
18	+0.000	+2,625.739	+0.000	+18,953.634	+0.000	+0.000
19	+0.000	+2,609.756	+0.000	+18,838.264	+0.000	+0.000
20	+0.000	+2,573.224	+0.000	+18,574.561	+0.000	+0.000
21	+0.000	+2,548.108	+0.000	+18,393.266	+0.000	+0.000
22	+0.000	+2,518.426	+0.000	+18,179.007	+0.000	+0.000
23	+0.000	+2,492.168	+0.000	+17,989.471	+0.000	+0.000
24	+0.000	+2,449.928	+0.000	+17,684.565	+0.000	+0.000
25	+0.000	+2,441.937	+0.000	+17,626.880	+0.000	+0.000
26	+0.000	+2,408.830	+0.000	+17,387.899	+0.000	+0.000
27	+0.000	+2,372.298	+0.000	+17,124.196	+0.000	+0.000
28	+0.000	+2,355.173	+0.000	+17,000.586	+0.000	+0.000
29	+0.000	+2,355.173	+0.000	+17,000.586	+0.000	+0.000
30	+0.000	+2,349.465	+0.000	+16,959.382	+0.000	+0.000
31	+0.000	+2,380.289	+0.000	+17,181.881	+0.000	+0.000
32	+0.000	+2,475.044	+0.000	+17,865.860	+0.000	+0.000
33	+0.000	+2,575.507	+0.000	+18,591.043	+0.000	+0.000
34	+0.000	+2,695.378	+0.000	+19,456.317	+0.000	+0.000
35	+0.000	+2,783.283	+0.000	+20,090.852	+0.000	+0.000
36	+0.000	+2,809.540	+0.000	+20,280.388	+0.000	+0.000
37	+0.000	+2,841.506	+0.000	+20,511.128	+0.000	+0.000
38	+0.000	+2,873.471	+0.000	+20,741.868	+0.000	+0.000
39	+0.000	+2,910.003	+0.000	+21,005.571	+0.000	+0.000
40	+0.000	+2,929.411	+0.000	+21,145.663	+0.000	+0.000
41	+0.000	+2,881.463	+0.000	+20,799.553	+0.000	+0.000
42	+0.000	+2,809.540	+0.000	+20,280.388	+0.000	+0.000

43	+.000	+2,730.768	+.000	+19,711.779	+.000	+.000
44	+.000	+2,568.657	+.000	+18,541.598	+.000	+.000
45	+.000	+2,459.061	+.000	+17,750.490	+.000	+.000
46	+.000	+2,301.517	+.000	+16,613.272	+.000	+.000
47	+.000	+2,102.874	+.000	+15,179.389	+.000	+.000
48	+.000	+1,972.729	+.000	+14,239.948	+.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	+68.532	+0.000	+0.000	+0.000	+0.000	+55,942.610
02	+66.963	+0.000	+0.000	+0.000	+0.000	+58,325.267
03	+66.880	+0.000	+0.000	+0.000	+0.000	+56,907.607
04	+66.179	+0.000	+0.000	+0.000	+0.000	+52,666.801
05	+66.426	+0.000	+0.000	+0.000	+0.000	+52,781.403
06	+65.766	+0.000	+0.000	+0.000	+0.000	+49,971.338
07	+66.302	+0.000	+0.000	+0.000	+0.000	+50,214.462
08	+66.220	+0.000	+0.000	+0.000	+0.000	+49,856.241
09	+66.839	+0.000	+0.000	+0.000	+0.000	+53,414.566
10	+67.458	+0.000	+0.000	+0.000	+0.000	+53,056.061
11	+68.573	+0.000	+0.000	+0.000	+0.000	+55,224.140
12	+71.546	+0.000	+0.000	+0.000	+0.000	+59,617.094
13	+79.761	+0.000	+0.000	+0.000	+0.000	+62,043.170
14	+87.523	+0.000	+0.000	+0.000	+0.000	+78,768.042
15	+94.087	+0.000	+0.000	+0.000	+0.000	+72,477.075
16	+97.720	+0.000	+0.000	+0.000	+0.000	+83,538.854
17	+97.555	+0.000	+0.000	+0.000	+0.000	+83,666.803
18	+94.954	+0.000	+0.000	+0.000	+0.000	+77,651.572
19	+94.376	+0.000	+0.000	+0.000	+0.000	+75,599.917
20	+93.055	+0.000	+0.000	+0.000	+0.000	+60,880.927
21	+92.146	+0.000	+0.000	+0.000	+0.000	+62,950.030
22	+91.073	+0.000	+0.000	+0.000	+0.000	+57,565.861
23	+90.123	+0.000	+0.000	+0.000	+0.000	+61,146.883
24	+88.596	+0.000	+0.000	+0.000	+0.000	+50,496.921
25	+88.307	+0.000	+0.000	+0.000	+0.000	+45,324.579
26	+87.110	+0.000	+0.000	+0.000	+0.000	+41,165.499
27	+85.789	+0.000	+0.000	+0.000	+0.000	+26,783.229
28	+85.169	+0.000	+0.000	+0.000	+0.000	+31,115.704
29	+85.169	+0.000	+0.000	+0.000	+0.000	+34,139.754
30	+84.963	+0.000	+0.000	+0.000	+0.000	+35,759.992
31	+86.078	+0.000	+0.000	+0.000	+0.000	+29,443.691
32	+89.504	+0.000	+0.000	+0.000	+0.000	+42,931.448
33	+93.137	+0.000	+0.000	+0.000	+0.000	+43,807.618
34	+97.472	+0.000	+0.000	+0.000	+0.000	+57,035.652
35	+100.651	+0.000	+0.000	+0.000	+0.000	+59,327.058
36	+101.600	+0.000	+0.000	+0.000	+0.000	+67,275.995
37	+102.756	+0.000	+0.000	+0.000	+0.000	+72,666.225
38	+103.912	+0.000	+0.000	+0.000	+0.000	+67,906.934
39	+105.233	+0.000	+0.000	+0.000	+0.000	+67,992.645
40	+105.935	+0.000	+0.000	+0.000	+0.000	+65,039.520
41	+104.201	+0.000	+0.000	+0.000	+0.000	+57,248.426
42	+101.600	+0.000	+0.000	+0.000	+0.000	+58,008.155

43	+98.752	+.000	+.000	+.000	+.000	+62,768.403
44	+92.889	+.000	+.000	+.000	+.000	+54,296.296
45	+88.926	+.000	+.000	+.000	+.000	+61,212.874
46	+83.229	+.000	+.000	+.000	+.000	+43,108.288
47	+76.045	+.000	+.000	+.000	+.000	+47,301.010
48	+71.339	+.000	+.000	+.000	+.000	+54,405.163