

Date: 24/10/2019

Settlement Day:16/10/2019

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: 199

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,862,109.450	+323,384,690.120
Balancing Services Contract Cost	+781,366.459	+147,126,423.251
Balancing Services Cost Variable	+130,987.830	+80,973,602.945
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+24,532,232.832
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+163,990,136.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+821,555.580
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	+163,990,136.960
Total External Costs	+2,901,879.830	+584,420,472.578
Total Adjusted Energy Volume (MWh)	+1,342,050.154	

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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	+20,291.249	+83,574.276	+4.11873
02	+20,295.367	+84,855.016	+4.18100
03	+20,717.204	+86,188.129	+4.16022
04	+20,975.500	+88,428.232	+4.21579
05	+20,851.501	+101,923.655	+4.88807
06	+20,448.059	+95,975.119	+4.69361
07	+20,419.626	+91,973.772	+4.50418
08	+20,341.207	+91,408.250	+4.49375
09	+20,327.861	+97,105.172	+4.77695
10	+20,438.312	+96,675.380	+4.73011
11	+20,959.617	+78,599.043	+3.75002
12	+21,673.824	+73,525.075	+3.39234
13	+23,916.338	+75,044.911	+3.13781
14	+26,929.557	+68,905.112	+2.55872
15	+30,379.113	+72,590.815	+2.38950
16	+31,714.256	+75,840.800	+2.39138
17	+31,769.891	+82,400.044	+2.59365
18	+31,911.386	+74,054.548	+2.32063
19	+32,036.920	+78,923.725	+2.46352
20	+31,825.736	+76,392.579	+2.40034
21	+31,380.918	+71,487.797	+2.27807
22	+30,877.344	+69,059.641	+2.23658
23	+30,755.200	+86,283.194	+2.80548
24	+30,503.410	+82,035.162	+2.68938
25	+30,444.031	+81,208.519	+2.66747
26	+29,799.514	+72,587.780	+2.43587
27	+29,429.740	+61,459.649	+2.08835
28	+29,009.879	+59,387.635	+2.04715
29	+28,800.310	+57,713.408	+2.00392
30	+28,514.840	+46,618.629	+1.63489
31	+29,180.872	+47,901.737	+1.64155
32	+30,021.119	+62,992.055	+2.09826
33	+30,764.948	+84,955.994	+2.76145
34	+31,717.074	+89,243.320	+2.81373
35	+32,895.528	+94,740.621	+2.88005
36	+33,678.166	+95,308.627	+2.82998
37	+34,633.056	+104,508.121	+3.01758
38	+35,638.331	+103,946.961	+2.91672
39	+34,985.342	+82,625.123	+2.36171
40	+34,223.283	+73,809.887	+2.15672
41	+33,467.564	+77,365.109	+2.31164
42	+32,515.550	+56,821.032	+1.74750

43	+31,204.317	+65,247.656	+2.09098
44	+29,395.125	+61,708.894	+2.09929
45	+27,953.448	+75,701.500	+2.70813
46	+26,025.514	+57,919.391	+2.22549
47	+23,592.904	+54,436.096	+2.30731
48	+22,420.303	+74,528.333	+3.32414

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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	+0.01512	+63,314.16	+11,814.261	-5,940.630	+0.000	+0.000
02	+0.01512	+64,594.90	+11,814.261	-5,940.630	+0.000	+0.000
03	+0.01544	+63,832.85	+12,064.298	-4,399.980	+0.000	+0.000
04	+0.01563	+65,743.71	+12,212.758	-4,399.980	+0.000	+0.000
05	+0.01554	+78,868.01	+12,142.435	-3,872.900	+0.000	+0.000
06	+0.01524	+73,439.33	+11,908.025	-3,872.900	+0.000	+0.000
07	+0.01522	+68,918.44	+11,892.398	-3,318.700	+0.000	+0.000
08	+0.01516	+68,456.89	+11,845.516	-3,318.700	+0.000	+0.000
09	+0.01515	+70,963.89	+11,837.702	-111.450	+0.000	+0.000
10	+0.01523	+70,395.47	+11,900.211	-111.450	+0.000	+0.000
11	+0.01562	+46,790.12	+12,204.944	+4,741.750	+0.000	+0.000
12	+0.01615	+40,797.74	+12,619.068	+4,741.750	+0.000	+0.000
13	+0.01782	+39,431.16	+13,923.950	+4,734.300	+0.000	+0.000
14	+0.02007	+29,392.44	+15,682.025	+4,734.300	+0.000	+0.000
15	+0.02264	+28,143.46	+17,690.137	+5,215.550	+0.000	+0.000
16	+0.02363	+29,677.92	+18,463.689	+5,215.550	+0.000	+0.000
17	+0.02367	+36,167.85	+18,494.944	+5,215.550	+0.000	+0.000
18	+0.02378	+27,631.74	+18,580.894	+5,215.550	+0.000	+0.000
19	+0.02387	+32,344.96	+18,651.217	+5,215.550	+0.000	+0.000
20	+0.02371	+30,091.07	+18,526.199	+5,215.550	+0.000	+0.000
21	+0.02338	+25,758.13	+18,268.348	+5,215.550	+0.000	+0.000
22	+0.02301	+23,971.13	+17,979.242	+5,215.550	+0.000	+0.000
23	+0.02292	+41,350.64	+17,908.919	+5,215.550	+0.000	+0.000
24	+0.02273	+37,431.85	+17,760.460	+5,215.550	+0.000	+0.000
25	+0.02268	+36,691.85	+17,721.391	+5,215.550	+0.000	+0.000
26	+0.02220	+28,902.88	+17,346.335	+5,215.550	+0.000	+0.000
27	+0.02193	+23,458.17	+17,135.366	+0.000	+0.000	+0.000
28	+0.02162	+21,923.34	+16,893.143	+0.000	+0.000	+0.000
29	+0.02146	+20,526.37	+16,768.124	+0.000	+0.000	+0.000
30	+0.02125	+9,795.49	+16,604.037	+0.000	+0.000	+0.000
31	+0.02174	+10,229.50	+16,986.907	+0.000	+0.000	+0.000
32	+0.02237	+24,228.12	+17,479.168	+0.000	+0.000	+0.000
33	+0.02292	+29,751.49	+17,908.919	+15,487.500	+0.000	+0.000
34	+0.02363	+32,808.49	+18,463.689	+15,487.500	+0.000	+0.000
35	+0.02451	+47,052.83	+19,151.292	+5,215.550	+0.000	+0.000
36	+0.02509	+46,615.78	+19,604.484	+5,215.550	+0.000	+0.000
37	+0.02581	+54,567.62	+20,167.068	+5,215.550	+0.000	+0.000
38	+0.02656	+52,706.82	+20,753.093	+5,215.550	+0.000	+0.000
39	+0.02607	+32,234.08	+20,370.224	+5,215.550	+0.000	+0.000
40	+0.02550	+24,406.57	+19,924.845	+5,215.550	+0.000	+0.000
41	+0.02494	+28,932.19	+19,487.279	+5,215.550	+0.000	+0.000
42	+0.02423	+14,833.99	+18,932.509	+0.000	+0.000	+0.000

43	+0.02325	+24,958.81	+18,166.770	+ .000	+ .000	+ .000
44	+0.02190	+23,759.40	+17,111.925	+ .000	+ .000	+ .000
45	+0.02083	+39,153.81	+16,275.863	+452.350	+ .000	+ .000
46	+0.01939	+23,867.01	+15,150.696	+452.350	+ .000	+ .000
47	+0.01758	+15,798.58	+13,736.422	+8,173.950	+ .000	+ .000
48	+0.01671	+37,398.40	+13,056.634	+8,173.950	+ .000	+ .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	+1,864.110	+0.000	+12,459.954	+0.000	+0.000
02	+0.000	+1,864.110	+0.000	+12,459.954	+0.000	+0.000
03	+0.000	+1,903.562	+0.000	+12,723.657	+0.000	+0.000
04	+0.000	+1,926.986	+0.000	+12,880.230	+0.000	+0.000
05	+0.000	+1,915.890	+0.000	+12,806.064	+0.000	+0.000
06	+0.000	+1,878.904	+0.000	+12,558.843	+0.000	+0.000
07	+0.000	+1,876.438	+0.000	+12,542.361	+0.000	+0.000
08	+0.000	+1,869.041	+0.000	+12,492.917	+0.000	+0.000
09	+0.000	+1,867.808	+0.000	+12,484.676	+0.000	+0.000
10	+0.000	+1,877.671	+0.000	+12,550.602	+0.000	+0.000
11	+0.000	+1,925.753	+0.000	+12,871.990	+0.000	+0.000
12	+0.000	+1,991.096	+0.000	+13,308.747	+0.000	+0.000
13	+0.000	+2,196.986	+0.000	+14,684.946	+0.000	+0.000
14	+0.000	+2,474.384	+0.000	+16,539.106	+0.000	+0.000
15	+0.000	+2,791.233	+0.000	+18,656.968	+0.000	+0.000
16	+0.000	+2,913.288	+0.000	+19,472.799	+0.000	+0.000
17	+0.000	+2,918.219	+0.000	+19,505.762	+0.000	+0.000
18	+0.000	+2,931.781	+0.000	+19,596.409	+0.000	+0.000
19	+0.000	+2,942.877	+0.000	+19,670.576	+0.000	+0.000
20	+0.000	+2,923.151	+0.000	+19,538.724	+0.000	+0.000
21	+0.000	+2,882.466	+0.000	+19,266.781	+0.000	+0.000
22	+0.000	+2,836.849	+0.000	+18,961.875	+0.000	+0.000
23	+0.000	+2,825.753	+0.000	+18,887.708	+0.000	+0.000
24	+0.000	+2,802.329	+0.000	+18,731.135	+0.000	+0.000
25	+0.000	+2,796.164	+0.000	+18,689.931	+0.000	+0.000
26	+0.000	+2,736.986	+0.000	+18,294.377	+0.000	+0.000
27	+0.000	+2,703.699	+0.000	+18,071.878	+0.000	+0.000
28	+0.000	+2,665.479	+0.000	+17,816.416	+0.000	+0.000
29	+0.000	+2,645.753	+0.000	+17,684.565	+0.000	+0.000
30	+0.000	+2,619.863	+0.000	+17,511.510	+0.000	+0.000
31	+0.000	+2,680.274	+0.000	+17,915.304	+0.000	+0.000
32	+0.000	+2,757.945	+0.000	+18,434.469	+0.000	+0.000
33	+0.000	+2,825.753	+0.000	+18,887.708	+0.000	+0.000
34	+0.000	+2,913.288	+0.000	+19,472.799	+0.000	+0.000
35	+0.000	+3,021.781	+0.000	+20,197.981	+0.000	+0.000
36	+0.000	+3,093.288	+0.000	+20,675.942	+0.000	+0.000
37	+0.000	+3,182.055	+0.000	+21,269.274	+0.000	+0.000
38	+0.000	+3,274.521	+0.000	+21,887.327	+0.000	+0.000
39	+0.000	+3,214.110	+0.000	+21,483.532	+0.000	+0.000
40	+0.000	+3,143.836	+0.000	+21,013.812	+0.000	+0.000
41	+0.000	+3,074.795	+0.000	+20,552.332	+0.000	+0.000
42	+0.000	+2,987.260	+0.000	+19,967.241	+0.000	+0.000

43	+.000	+2,866.438	+.000	+19,159.652	+.000	+.000
44	+.000	+2,700.000	+.000	+18,047.156	+.000	+.000
45	+.000	+2,568.082	+.000	+17,165.400	+.000	+.000
46	+.000	+2,390.548	+.000	+15,978.737	+.000	+.000
47	+.000	+2,167.397	+.000	+14,487.169	+.000	+.000
48	+.000	+2,060.137	+.000	+13,770.227	+.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	+62.422	+0.000	+0.000	+0.000	+0.000	+83,574.276
02	+62.422	+0.000	+0.000	+0.000	+0.000	+84,855.016
03	+63.743	+0.000	+0.000	+0.000	+0.000	+86,188.129
04	+64.527	+0.000	+0.000	+0.000	+0.000	+88,428.232
05	+64.156	+0.000	+0.000	+0.000	+0.000	+101,923.655
06	+62.917	+0.000	+0.000	+0.000	+0.000	+95,975.119
07	+62.835	+0.000	+0.000	+0.000	+0.000	+91,973.772
08	+62.587	+0.000	+0.000	+0.000	+0.000	+91,408.250
09	+62.546	+0.000	+0.000	+0.000	+0.000	+97,105.172
10	+62.876	+0.000	+0.000	+0.000	+0.000	+96,675.380
11	+64.486	+0.000	+0.000	+0.000	+0.000	+78,599.043
12	+66.674	+0.000	+0.000	+0.000	+0.000	+73,525.075
13	+73.568	+0.000	+0.000	+0.000	+0.000	+75,044.911
14	+82.857	+0.000	+0.000	+0.000	+0.000	+68,905.112
15	+93.467	+0.000	+0.000	+0.000	+0.000	+72,590.815
16	+97.555	+0.000	+0.000	+0.000	+0.000	+75,840.800
17	+97.720	+0.000	+0.000	+0.000	+0.000	+82,400.044
18	+98.174	+0.000	+0.000	+0.000	+0.000	+74,054.548
19	+98.545	+0.000	+0.000	+0.000	+0.000	+78,923.725
20	+97.885	+0.000	+0.000	+0.000	+0.000	+76,392.579
21	+96.522	+0.000	+0.000	+0.000	+0.000	+71,487.797
22	+94.995	+0.000	+0.000	+0.000	+0.000	+69,059.641
23	+94.623	+0.000	+0.000	+0.000	+0.000	+86,283.194
24	+93.839	+0.000	+0.000	+0.000	+0.000	+82,035.162
25	+93.633	+0.000	+0.000	+0.000	+0.000	+81,208.519
26	+91.651	+0.000	+0.000	+0.000	+0.000	+72,587.780
27	+90.536	+0.000	+0.000	+0.000	+0.000	+61,459.649
28	+89.256	+0.000	+0.000	+0.000	+0.000	+59,387.635
29	+88.596	+0.000	+0.000	+0.000	+0.000	+57,713.408
30	+87.729	+0.000	+0.000	+0.000	+0.000	+46,618.629
31	+89.752	+0.000	+0.000	+0.000	+0.000	+47,901.737
32	+92.353	+0.000	+0.000	+0.000	+0.000	+62,992.055
33	+94.623	+0.000	+0.000	+0.000	+0.000	+84,955.994
34	+97.555	+0.000	+0.000	+0.000	+0.000	+89,243.320
35	+101.188	+0.000	+0.000	+0.000	+0.000	+94,740.621
36	+103.582	+0.000	+0.000	+0.000	+0.000	+95,308.627
37	+106.555	+0.000	+0.000	+0.000	+0.000	+104,508.121
38	+109.651	+0.000	+0.000	+0.000	+0.000	+103,946.961
39	+107.628	+0.000	+0.000	+0.000	+0.000	+82,625.123
40	+105.275	+0.000	+0.000	+0.000	+0.000	+73,809.887
41	+102.963	+0.000	+0.000	+0.000	+0.000	+77,365.109
42	+100.032	+0.000	+0.000	+0.000	+0.000	+56,821.032



43	+95.986	+.000	+.000	+.000	+.000	+65,247.656
44	+90.412	+.000	+.000	+.000	+.000	+61,708.894
45	+85.995	+.000	+.000	+.000	+.000	+75,701.500
46	+80.050	+.000	+.000	+.000	+.000	+57,919.391
47	+72.578	+.000	+.000	+.000	+.000	+54,436.096
48	+68.986	+.000	+.000	+.000	+.000	+74,528.333